

Replacement System Tables Release 241129 Reference Document

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Abstract

I have since the day it went to GA back in 2012 been working with, and investigating the internals of, Redshift. I have created my own and comprehensive set of replacement system tables (RST for short), which you find here, for both DB admin and system development work. Note the docs are highly incomplete; the hand-written pages are all present, but the auto-generated material now needs about 3200 text files to be created.

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Introduction

This software package provides a comprehensive set of replacement system tables for Amazon Redshift, which are intended to supersede the system tables shipped with Amazon Redshift.

The replacement system tables are versioned (in their schema names), and so you can have multiple versions installed and in use concurrently.

The main reason for this is so that any existing scripting continues to work when you install a new version.

A secondary reason is that it provides protection against any issues in a new version; you can just go back to using an earlier version. I intend there not to *be* any issues, but we're talking production systems here, and depending on the absence of issues is unnecessary, not fail safe, and as experience tells us, entirely unrealistic. Only Knuth and Dijkstra have no issues.

Additionally, it allows me as the developer freedom to make substantial changes in structure and layout, because those changes will not break existing systems.

Installation

The replacement system tables are shipped as a single SQL file, with the name `rst_YYMMDD.sql`.

To install, run the SQL file on your cluster.

Installing more than once (presumably by accident) is fine; it does no harm.

Databases

The replacement system tables obtain their data from the Redshift system tables. The Redshift system tables have a mix of tables where some contain data for all databases, and some contain data only for the current database. Exactly which tables have what is not documented.

I spent some time once trying to see if I could compose a decent set of tables which would be cross-database, but it became clear this hasn't been a design goal of the system tables, and that it isn't possible - you find vital information is database specific.

As such, the replacement system tables inherit this problem from the Redshift system tables, and so the replacement system tables need to be installed in each database you wish to use them with.

Documentation

The documentation pages in this PDF are installed in the table `base_YMMMDD.docs`.

To see what's installed for you to use;

```
select schema_name, object_name from base_YMMMDD.docs order by schema_name, object_name;
```

To view the documentation page for an object (substituting the schema name and object name of whatever you're interested in);

```
select * from base_YMMMDD.docs where schema_name = 'sf' and object_name = 'ttables';
```

Privileges

Remember that users, groups, roles and privileges are independent of databases. The replacement system tables installer installs and only installs, the tables, views, procedures and functions which are the replacement system tables. It does nothing with users, groups, roles or privileges. The arrangement and configuration of privileges is wholly your responsibility. However, the replacement system tables in the `ro` schema procedures to easily grant or revoke privileges to the replacement system tables to users, groups, roles or to public.

Overview

The installer creates four schemas, and populates them with views, one or two tables, and a couple of functions and procedures.

The schemas are;

1. `ro` (this schema has no version and is shared across all versions)
2. `base_YMMMDD`

3. `lf_YYYYMMDD`
4. `sf_YYYYMMDD`

There is a fifth schema, which you can after installation create and/or remove as you wish (and the purpose of which is described below);

1. `sf` (this schema also has no version, but it is not shared - it points at a single installed version)

The version numbers are necessary so that multiple versions of the replacement system tables can be concurrently installed. The version is the `YYYYMMDD` of the day the installer was created, and it is appended (after an underscore) to the schema name.

The two unversioned schemas (`ro` and `sf`) are special and they, and the other schemas, are described below.

Schemas

`ro`

The `ro` schema is, if you like, the master schema, containing a single view which enumerates installed replacement system table versions, and a set of procedures to uninstall versions, and to grant or revoke privileges to a version to a user, group, role or to public.

There is only one `ro` schema, and it is used for all versions of the replacement system tables.

When you run the installer, the `ro` schema if it does not exist is created. If it does exist, it is replaced with the latest version.

`base_YYYYMMDD`

The `base_YYYYMMDD` schema contains a range of helper-type views and one or two helper-type tables, all of which are used by the rest of the replacement system tables. They are helpful, users can use them too, but they are intended in the first instance for internal use by the replacement system tables.

`lf_YYYYMMDD`

The name of the `lf_YYYYMMDD` schema is short for *long form*. These views are the replacement system tables, and the views in the long form schema (unlike those in the short form schema, below) are intended for use by users for scripting and for automation. They are *not* intended for direct use by humans. As such, these views contain ID columns, have long and explanatory column names, make no effort at all to keep row widths short (to avoid wrapping in the console), break out data such as booleans into individual columns for easy use in query logic, and so on.

sf_YYYYMMDD

The name of the `lf_YYYYMMDD` schema is short for *short form*. These views are a presentation layer, each sitting on top of its matching long form view, intended for direct use by humans, in an SQL console. The query on the `sf` schema always always uses and only uses `select *`, as the view is designed for all columns to always be selected. ID columns are removed, less important columns are omitted, column names are shortened, columns can be amalgamated into single columns for ease of reading, long numbers are converted into human-readable forms (TB/GB/MB, b/m/k, and so on), numbers are truncated (where appropriate) to two decimal places, strings which `psql` fails to auto-complete on (such as `table` and `procedure`) have their first letter duplicated, keywords which are column names also have their first letter duplicated (`uuser`), and particular effort is taken to ensure rows are narrow, so they do not wrap in the console.

sf

Once the replacement system tables are installed, you have three versioned schemas and the `ro` schema.

Where the schema names contain their version string, they are long. There has to be a unique identifier in the schema names so multiple versions can be concurrently installed, and so we have to bear this cross when it comes to scripting and use the long name of the `lf` schema, but the `sf` schema is intended for direct human use in an SQL client. The long schema name is a fundamental problem.

Now, I see two solutions to this.

Firstly, you modify the schema search path for users so that the `sf_YYYYMMDD` schema of the version you want to use, is in their path. Awkward, but you can do it, and it allows you to select which version you use. I'm thinking of making a procedure to do this (to add and to remove), but that's not done yet.

Secondly, what can be done is a versionless schema `sf` is created, and it contains views which simply `select *` from every matching view in a versioned `sf` schema.

Support for the second option, the creation of, dropping of, and granting and revoking privileges to and from, has been implement as procedures in the `ro` schema. Please see the [ro schema docs](#) for an overview and the documentation pages for the procedures.

As such, you can make and repoint this schema as you wish, and simply tell users “use the sf schema”.

Naming Conventions

1. The first word of every object is the broad area the object concerns - `queries`, `ttables`, `users`, etc.
2. Words which require quoting in `psql` have their first letter repeated (to most easily avoid the need for quoting).
3. The final stanza for many views is of the form `_on_[node]_for_[entity]_by_[period]`, such as;

```
sf.queries_stats_durations_on_leader_for_all_by_all
sf.queries_totals_aborts_on_workers_for_user_by_day
sf.steps_totals_data_on_both_for_slice_by_hour
```

The **node** noun can be **leader**, **workers**, or **both**. With **both**, leader and worker are both reported, but they are never conflated - they have their own rows in the output, and have been handled independently of each other.

The **entity** noun has quite a few values, and is used to select on what basis data is aggregated - so we might aggregate by schema, or by table, or user, etc.

The **period** noun is the period over which data is aggregated. This almost always is the five values **all**, **day**, **hour**, **minute**, **second**. This is used by looking for at the high level, day, noticing odd days, then looking at the hours for the day, seeing where the oddness happened, and so on, until you found exactly where whatever it was happened.

4. There are quite a lot of schemas where the second word is **stats** or **totals**. In general, the **stats** views provide **min/max/median/mean/stddev**, and **totals** provides only a count. I'm in the process of adding a **sum** column to the **stats** views, which will mean I can get rid of the matching totals view. However, for a few totals views, the idea of stats makes no sense, and so they will remain.
5. The first word **wqueues** is short for **wlm_queues**, and the reason I use it is because **queues** overlaps with **queries** which is awkward for tab-complete in **psql**.

Uninstallation

To list all installed schemas;

```
select * from ro.installed_versions;
```

To uninstall a release (a stored procedure, and so the name begins with **sp_**);

```
call ro.sp_uninstall_version( 'YYMMDD' );
```

If you want to wholly remove the replacement system tables, uninstall all releases, and then you will need to manually cascade drop the **ro** schema.

Granting, Revoking, and Enumerating Granted, Privileges

Installing a release does and only does exactly that; installation - which is to say, creation of schemas, tables, views, functions and procedures. No configuration occurs - no privileges are granted, no groups are created, etc.

The privileges arrangement is wholly up to you.

Tooling is provided to make working with privileges easy.

Please see the [ro schema docs](#) for an overview and the documentation pages for the tooling.

Usage Guide

I want here to touch upon some of the important views and sets of functionality.

Very nearly nothing here is written up yet, so the doc pages for each view normally show you the columns only (I've just added in the write-up for `sf_241129.utils_queries_benchmark`, the very first :-)

One note; the Redshift system tables have a partial most-oldest-day. The RST views always exclude this partial day. Whenever you see results, they are always for whole days, excepting that the current day of course is also partial.

Real-Time System Status

There's actually only a small set of views which provide functionality to inspect the system in its current, "what are you doing now?", sense.

```
sf_241129.locks_by_table
sf_241129.locks_by_transaction
sf_241129.queries_queued
sf_241129.queries_running
sf_241129.sessions_fast
sf_241129.sessions_full
sf_241129.wqueues
sf_241129.wqueues_qmr_log
```

Query Development and Debugging

There are two absolutely critical views for this.

```
sf_241129.queries_step_plan
sf_241129.utils_queries_benchmark
```

Statistics / Totals

Views with the word **stats** usually provide **min / max / med / avg / std**. I'm in the process of adding **sum**.

Views with the word **totals** usually provide only a sum, and they will mainly be integrated into a **stats** view, but there are a few views I think where stats make no sense, so you only have a total.

The **_by_day** variant is useful to get an idea of change over time.

You can drill down to find problem queries by using the **_by_hour**, **_by_minute**, and **_by_second** view variants.

System Information

```
sf_241129.blocks_rows_totals_for_cluster
sf_241129.blocks_rows_totals_for_node
sf_241129.blocks_rows_totals_for_schema
sf_241129.blocks_rows_totals_for_slice
sf_241129.blocks_rows_totals_for_table
sf_241129.blocks_rows_totals_for_user
sf_241129.blocks_rows_totals_for_tables_by_node
sf_241129.blocks_rows_totals_for_tables_by_slice
sf_241129.groups
sf_241129.groups_users
sf_241129.objects
sf_241129.privileges_granted_to_groups
sf_241129.privileges_granted_to_public
sf_241129.privileges_granted_to_users
sf_241129.queries_for_all
sf_241129.queries_for_leader
```

sf_241129.queries_for_worker
sf_241129.schemas
sf_241129.schemas_blocks_rows
sf_241129.schemas_blocks_rows_activity
sf_241129.transactions
sf_241129.ttables
sf_241129.ttables_blocks_rows
sf_241129.ttables_blocks_rows_activity
sf_241129.ttables_columns
sf_241129.ttables_columns_blocks
sf_241129.users
sf_241129.views_late_binding
sf_241129.views_late_binding_columns
sf_241129.views_materialized
sf_241129.views_materialized_columns
sf_241129.views_normal
sf_241129.views_normal_columns

Misc

sf.ttables_zonemap
sf_241129.utils_most_recent_copy_error_for_current_user

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Known Issues

Where to even begin? :-)

1. The big biggie - there is no test suite yet. Until there is, this is not a serious piece of software. There was a partial test suite for an earlier version, which tested quite a lot of static-type functionality, where the test suite would create and randomly populate clusters, and so it knew what was in the cluster, and so was able to compare the output of views to what should be there. However, I have not yet implemented this for these replacement system tables, and there was never in the past a test suite for dynamic functionality - testing queries, transactions, etc.
2. There's a lot of as-yet unimplemented functionality. I need to bring over (from earlier iterations of replacement system tables) views for roles, for external tables, and create views for data shares, meh, the list goes on.
3. I've not implemented proper formatting yet throughout all the short-form views. You'll notice this when the output isn't nicely lined up.
4. The docs have not been written. The mechanism to auto-create the pages directly from SQL and to bring in manually created pages (such as this) exists (which is how you're reading this), but I need to write descriptions now for something like 2000 views and columns. This may take a while :-)
5. AWS do not publish the Redshift BNF, so I have to use the Postgres BNF. I parse my SQL to auto-generate the docs. This means I write my SQL to be Postgres compliant (and so I specifically avoid a few bits of new RS functionality, because I can't parse it), but I can't parse Redshift tables because their SQL cannot be made Postgres compliant. There are three tables in the replacement system tables, and I'll need to do some work to get them into the docs, which I've not yet done.

Benchmarks

1. These benchmarks are created on a reasonably populated dev cluster. The absolute times mean nothing, your cluster will run at whatever speed it gives you, but the *relative* times convey which views are slow and which are fast.
2. The `sf` views call their matching `lf` view and have very little overhead (some used to, because I had used the wrong approach in the SQL, but that all was fixed).
3. Stats are : “run times (in order of execution) : min / max / median / mean / standard deviation”, all times in seconds, the smaller the better.
4. All benchmarks are beginning of execution (not queuing) to beginning of return of rows to client.
 - all benchmark times from are system tables; nothing external to Redshift is involved
 - compilation time is removed from execution time (although this cannot be done for compilation hand-over, but I think this is rare in the benchmarks)
5. `_by_day` views are benchmarked for all days; `_by_hour` for 1 day, `_by_minute` for 1 hour, `_by_second` for 1 minute.
 - running `_by_second` views with a large `_for`, such as `_for_table`, and asking for all rows (so no time constraint), results in queries which do not return in a timely manner.

[object name] : list of durations : min / max / median / mean / std dev

```
base_241129.docs : 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_attribute : 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_attribute_for_tables : 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_attribute_for_views : 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
```

base_241129.fixed_pg_class	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_class_for_tables	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_class_for_views	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_get_late_binding_view_cols	: 1.03,0.57	: 0.57 / 1.03 / 0.80 / 0.80 / 0.23
base_241129.fixed_pg_group	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_language	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_namespace	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_proc	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_proc_for_functions	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_proc_for_procedures	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_pg_user	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.fixed_stl_commit_stats	: 0.62,0.38	: 0.38 / 0.62 / 0.50 / 0.50 / 0.12
base_241129.fixed_stl_ddltext	: 1.29,1.10	: 1.10 / 1.29 / 1.19 / 1.19 / 0.09
base_241129.fixed_stl_load_errors	: 0.28,0.10	: 0.10 / 0.28 / 0.19 / 0.19 / 0.09
base_241129.fixed_stl_query	: 4.74,5.01	: 4.74 / 5.01 / 4.88 / 4.88 / 0.14
base_241129.fixed_stl_query_metrics	: 0.41,0.78	: 0.41 / 0.78 / 0.60 / 0.60 / 0.19
base_241129.fixed_stl_querytext	: 1.78,1.28	: 1.28 / 1.78 / 1.53 / 1.53 / 0.25
base_241129.fixed_stl_scan	: 4.90,4.74	: 4.74 / 4.90 / 4.82 / 4.82 / 0.08
base_241129.fixed_stl_utilitytext	: 2.30,2.38	: 2.30 / 2.38 / 2.34 / 2.34 / 0.04
base_241129.fixed_stl_vacuum_detail	: 0.12,0.35	: 0.12 / 0.35 / 0.23 / 0.23 / 0.12
base_241129.fixed_stl_wlm_query	: 0.47,0.48	: 0.47 / 0.48 / 0.47 / 0.47 / 0.01
base_241129.fixed_stl_wlm_rule_action	: 0.10,0.23	: 0.10 / 0.23 / 0.16 / 0.16 / 0.06
base_241129.fixed_stv_blocklist	: 0.25,0.20	: 0.20 / 0.25 / 0.23 / 0.23 / 0.03
base_241129.fixed_stv_inflight	: 0.01,0.01	: 0.01 / 0.01 / 0.01 / 0.01 / 0.00
base_241129.fixed_stv_query_metrics	: 0.01,0.01	: 0.01 / 0.01 / 0.01 / 0.01 / 0.00
base_241129.fixed_stv_slices	: 0.03,0.03	: 0.03 / 0.03 / 0.03 / 0.03 / 0.00
base_241129.fixed_stv_wlm_classification_config	: 0.01,0.01	: 0.01 / 0.01 / 0.01 / 0.01 / 0.00
base_241129.fixed_stv_wlm_qmr_config	: 0.02,0.02	: 0.02 / 0.02 / 0.02 / 0.02 / 0.00
base_241129.fixed_stv_wlm_query_state	: 0.01,0.01	: 0.01 / 0.01 / 0.01 / 0.01 / 0.00
base_241129.fixed_stv_wlm_service_class_config	: 0.02,0.03	: 0.02 / 0.03 / 0.02 / 0.02 / 0.00
base_241129.fixed_stv_wlm_service_class_state	: 0.01,0.01	: 0.01 / 0.01 / 0.01 / 0.01 / 0.00
base_241129.fixed_svl_compile	: 6.06,6.17	: 6.06 / 6.17 / 6.11 / 6.11 / 0.06
base_241129.generate_days	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.generate_hours	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.generate_minutes	: 0.00,0.00	: 0.00 / 0.00 / 0.00 / 0.00 / 0.00

base_241129.generate_seconds	: 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.nodes	: 0.03,0.04 : 0.03 / 0.04 / 0.04 / 0.04 / 0.00
base_241129.numbers	: 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.privileges_all	: 0.08,0.04 : 0.04 / 0.08 / 0.06 / 0.06 / 0.02
base_241129.privileges_groups	: 0.05,0.03 : 0.03 / 0.05 / 0.04 / 0.04 / 0.01
base_241129.privileges_public	: 0.05,0.03 : 0.03 / 0.05 / 0.04 / 0.04 / 0.01
base_241129.privileges_users	: 0.05,0.03 : 0.03 / 0.05 / 0.04 / 0.04 / 0.01
base_241129.queries_blocks	: 0.46,0.44 : 0.44 / 0.46 / 0.45 / 0.45 / 0.01
base_241129.queries_compilation	: 4.44,4.90 : 4.44 / 4.90 / 4.67 / 4.67 / 0.23
base_241129.queries_for_all	: 10.92,7.83 : 7.83 / 10.92 / 9.37 / 9.37 / 1.54
base_241129.queries_for_leader	: 3.08,3.96 : 3.08 / 3.96 / 3.52 / 3.52 / 0.44
base_241129.queries_for_worker	: 4.61,4.84 : 4.61 / 4.84 / 4.72 / 4.72 / 0.11
base_241129.queries_on_leader_as_for_worker	: 2.77,3.06 : 2.77 / 3.06 / 2.91 / 2.91 / 0.14
base_241129.queries_transactions	: 14.66,15.04 : 14.66 / 15.04 / 14.85 / 14.85 / 0.19
base_241129.strings	: 0.00,0.00 : 0.00 / 0.00 / 0.00 / 0.00 / 0.00
base_241129.transactions	: 9.30,9.08 : 9.08 / 9.30 / 9.19 / 9.19 / 0.11
base_241129.transactions_blocks	: 1.36,1.47 : 1.36 / 1.47 / 1.42 / 1.42 / 0.06
base_241129.transactions_compilation	: 5.39,4.67 : 4.67 / 5.39 / 5.03 / 5.03 / 0.36
base_241129.transactions_in_batches	: 0.52,0.58 : 0.52 / 0.58 / 0.55 / 0.55 / 0.03
base_241129.ttables_activity_fast	: 1.09,1.70 : 1.09 / 1.70 / 1.39 / 1.39 / 0.30
base_241129.ttables_activity_full	: 10.90,11.23 : 10.90 / 11.23 / 11.06 / 11.06 / 0.17
base_241129.ttables_basic_info_fast	: 0.25,0.22 : 0.22 / 0.25 / 0.24 / 0.24 / 0.02
base_241129.ttables_basic_info_full	: 1.37,1.46 : 1.37 / 1.46 / 1.41 / 1.41 / 0.05
base_241129.ttables_blocks_rows	: 1.81,1.43 : 1.43 / 1.81 / 1.62 / 1.62 / 0.19
base_241129.ttables_columns_basic_info	: 0.21,0.21 : 0.21 / 0.21 / 0.21 / 0.21 / 0.00
base_241129.views_tables	: 2.38,1.66 : 1.66 / 2.38 / 2.02 / 2.02 / 0.36
sf_241129.analyze_totals_for_all_by_all	: 0.18,0.39 : 0.18 / 0.39 / 0.29 / 0.29 / 0.10
sf_241129.analyze_totals_for_all_by_day	: 0.31,0.24 : 0.24 / 0.31 / 0.27 / 0.27 / 0.04
sf_241129.analyze_totals_for_all_by_hour	: 0.23,0.24 : 0.23 / 0.24 / 0.24 / 0.24 / 0.01
sf_241129.analyze_totals_for_all_by_minute	: 0.25,0.32 : 0.25 / 0.32 / 0.28 / 0.28 / 0.03
sf_241129.analyze_totals_for_all_by_second	: 0.28,0.33 : 0.28 / 0.33 / 0.31 / 0.31 / 0.03
sf_241129.analyze_totals_for_database_by_all	: 0.16,0.23 : 0.16 / 0.23 / 0.20 / 0.20 / 0.03
sf_241129.analyze_totals_for_database_by_day	: 0.24,0.22 : 0.22 / 0.24 / 0.23 / 0.23 / 0.01
sf_241129.analyze_totals_for_database_by_hour	: 0.18,0.23 : 0.18 / 0.23 / 0.20 / 0.20 / 0.02
sf_241129.analyze_totals_for_database_by_minute	: 0.32,0.16 : 0.16 / 0.32 / 0.24 / 0.24 / 0.08

sf_241129.analyze_totals_for_database_by_second	: 0.20,0.16 : 0.16 / 0.20 / 0.18 / 0.18 / 0.02
sf_241129.analyze_totals_for_tables_by_all	: 0.35,0.36 : 0.35 / 0.36 / 0.35 / 0.35 / 0.01
sf_241129.analyze_totals_for_tables_by_day	: 0.36,0.40 : 0.36 / 0.40 / 0.38 / 0.38 / 0.02
sf_241129.analyze_totals_for_tables_by_hour	: 0.31,0.43 : 0.31 / 0.43 / 0.37 / 0.37 / 0.06
sf_241129.analyze_totals_for_tables_by_minute	: 0.27,0.34 : 0.27 / 0.34 / 0.30 / 0.30 / 0.04
sf_241129.analyze_totals_for_tables_by_second	: 0.31,0.32 : 0.31 / 0.32 / 0.31 / 0.31 / 0.01
sf_241129.analyze_totals_for_users_by_all	: 0.19,0.17 : 0.17 / 0.19 / 0.18 / 0.18 / 0.01
sf_241129.analyze_totals_for_users_by_day	: 0.16,0.19 : 0.16 / 0.19 / 0.18 / 0.18 / 0.02
sf_241129.analyze_totals_for_users_by_hour	: 0.16,0.21 : 0.16 / 0.21 / 0.18 / 0.18 / 0.03
sf_241129.analyze_totals_for_users_by_minute	: 0.19,0.19 : 0.19 / 0.19 / 0.19 / 0.19 / 0.00
sf_241129.analyze_totals_for_users_by_second	: 0.33,0.37 : 0.33 / 0.37 / 0.35 / 0.35 / 0.02
sf_241129.analyze_totals_status_for_all	: 0.06,0.06 : 0.06 / 0.06 / 0.06 / 0.06 / 0.00
sf_241129.analyze_totals_status_for_schema	: 0.13,0.12 : 0.12 / 0.13 / 0.12 / 0.12 / 0.00
sf_241129.batches	: 0.50,0.66 : 0.50 / 0.66 / 0.58 / 0.58 / 0.08
sf_241129.blocks_rows_totals_for_cluster	: 0.63,0.66 : 0.63 / 0.66 / 0.64 / 0.64 / 0.02
sf_241129.blocks_rows_totals_for_node	: 0.66,0.70 : 0.66 / 0.70 / 0.68 / 0.68 / 0.02
sf_241129.blocks_rows_totals_for_schema	: 1.45,1.17 : 1.17 / 1.45 / 1.31 / 1.31 / 0.14
sf_241129.blocks_rows_totals_for_slice	: 0.61,0.77 : 0.61 / 0.77 / 0.69 / 0.69 / 0.08
sf_241129.blocks_rows_totals_for_table	: 1.12,1.11 : 1.11 / 1.12 / 1.11 / 1.11 / 0.00
sf_241129.blocks_rows_totals_for_tables_by_node	: 0.94,1.06 : 0.94 / 1.06 / 1.00 / 1.00 / 0.06
sf_241129.blocks_rows_totals_for_tables_by_slice	: 0.86,0.68 : 0.68 / 0.86 / 0.77 / 0.77 / 0.09
sf_241129.blocks_rows_totals_for_user	: 1.16,1.22 : 1.16 / 1.22 / 1.19 / 1.19 / 0.03
sf_241129.blocks_totals_for_tables_by_column	: 1.22,1.18 : 1.18 / 1.22 / 1.20 / 1.20 / 0.02
sf_241129.databases	: 0.13,0.15 : 0.13 / 0.15 / 0.14 / 0.14 / 0.01
sf_241129.docs	: 0.01,0.01 : 0.01 / 0.01 / 0.01 / 0.01 / 0.00
sf_241129.functions	: 0.85,0.99 : 0.85 / 0.99 / 0.92 / 0.92 / 0.07
sf_241129.functions_text	: 0.02,0.01 : 0.01 / 0.02 / 0.02 / 0.02 / 0.00
sf_241129.groups	: 0.01,0.01 : 0.01 / 0.01 / 0.01 / 0.01 / 0.00
sf_241129.groups_privileges	: 1.40,1.37 : 1.37 / 1.40 / 1.39 / 1.39 / 0.01
sf_241129.groups_users	: 0.01,0.00 : 0.00 / 0.01 / 0.00 / 0.00 / 0.00
sf_241129.locks_by_table	: 0.15,0.15 : 0.15 / 0.15 / 0.15 / 0.15 / 0.00
sf_241129.locks_by_transaction	: 0.13,0.13 : 0.13 / 0.13 / 0.13 / 0.13 / 0.00
sf_241129.nodes	: 0.11,0.13 : 0.11 / 0.13 / 0.12 / 0.12 / 0.01
sf_241129.objects	: 0.35,0.46 : 0.35 / 0.46 / 0.40 / 0.40 / 0.06
sf_241129.objects_dependencies	: 2.86,2.82 : 2.82 / 2.86 / 2.84 / 2.84 / 0.02

sf_241129.objects_totals_for_all	: 0.30,0.32 : 0.30 / 0.32 / 0.31 / 0.31 / 0.01
sf_241129.objects_totals_for_schema	: 0.40,0.43 : 0.40 / 0.43 / 0.42 / 0.42 / 0.02
sf_241129.objects_totals_for_user	: 0.44,0.45 : 0.44 / 0.45 / 0.44 / 0.44 / 0.01
sf_241129.pprocedures	: 0.91,0.81 : 0.81 / 0.91 / 0.86 / 0.86 / 0.05
sf_241129.pprocedures_text	: 0.01,0.01 : 0.01 / 0.01 / 0.01 / 0.01 / 0.00
sf_241129.privileges_granted_to_groups	: 1.68,1.53 : 1.53 / 1.68 / 1.60 / 1.60 / 0.07
sf_241129.privileges_granted_to_public	: 1.48,1.49 : 1.48 / 1.49 / 1.48 / 1.48 / 0.00
sf_241129.privileges_granted_to_users	: 2.47,3.52 : 2.47 / 3.52 / 3.00 / 3.00 / 0.53
sf_241129.queries_compilation	: 8.09,7.80 : 7.80 / 8.09 / 7.94 / 7.94 / 0.14
sf_241129.queries_compilation_stream	: 7.41,6.62 : 6.62 / 7.41 / 7.02 / 7.02 / 0.39
sf_241129.queries_compilation_stream_segment	: 7.81,6.80 : 6.80 / 7.81 / 7.30 / 7.30 / 0.51
sf_241129.queries_for_all	: 13.03,13.54 : 13.03 / 13.54 / 13.29 / 13.29 / 0.25
sf_241129.queries_for_leader	: 4.02,3.59 : 3.59 / 4.02 / 3.80 / 3.80 / 0.22
sf_241129.queries_for_worker	: 6.25,6.18 : 6.18 / 6.25 / 6.22 / 6.22 / 0.03
sf_241129.queries_queued	: 0.04,0.04 : 0.04 / 0.04 / 0.04 / 0.04 / 0.00
sf_241129.queries_running	: 0.27,0.26 : 0.26 / 0.27 / 0.27 / 0.27 / 0.00
sf_241129.queries_stats_durations_on_both_by_transaction	: 10.15,10.93 : 10.15 / 10.93 / 10.54 / 10.54 / 0.39
sf_241129.queries_stats_durations_on_leader_for_all_by_all	: 3.43,3.64 : 3.43 / 3.64 / 3.54 / 3.54 / 0.11
sf_241129.queries_stats_durations_on_leader_for_all_by_day	: 3.26,3.31 : 3.26 / 3.31 / 3.28 / 3.28 / 0.02
sf_241129.queries_stats_durations_on_leader_for_all_by_hour	: 3.68,4.38 : 3.68 / 4.38 / 4.03 / 4.03 / 0.35
sf_241129.queries_stats_durations_on_leader_for_all_by_minute	: 3.79,4.07 : 3.79 / 4.07 / 3.93 / 3.93 / 0.14
sf_241129.queries_stats_durations_on_leader_for_all_by_second	: 6.33,6.67 : 6.33 / 6.67 / 6.50 / 6.50 / 0.17
sf_241129.queries_stats_durations_on_leader_for_users_by_all	: 6.13,5.61 : 5.61 / 6.13 / 5.87 / 5.87 / 0.26
sf_241129.queries_stats_durations_on_leader_for_users_by_day	: 4.12,4.81 : 4.12 / 4.81 / 4.47 / 4.47 / 0.34
sf_241129.queries_stats_durations_on_leader_for_users_by_hour	: 5.16,4.47 : 4.47 / 5.16 / 4.81 / 4.81 / 0.35
sf_241129.queries_stats_durations_on_leader_for_users_by_minute	: 4.49,5.09 : 4.49 / 5.09 / 4.79 / 4.79 / 0.30
sf_241129.queries_stats_durations_on_leader_for_users_by_second	: 8.85,4.67 : 4.67 / 8.85 / 6.76 / 6.76 / 2.09
sf_241129.queries_stats_durations_on_workers_for_all_by_all	: 14.38,11.36 : 11.36 / 14.38 / 12.87 / 12.87 / 1.51
sf_241129.queries_stats_durations_on_workers_for_all_by_day	: 21.00,17.18 : 17.18 / 21.00 / 19.09 / 19.09 / 1.91
sf_241129.queries_stats_durations_on_workers_for_all_by_hour	: 14.83,13.54 : 13.54 / 14.83 / 14.19 / 14.19 / 0.64
sf_241129.queries_stats_durations_on_workers_for_all_by_minute	: 17.12,11.08 : 11.08 / 17.12 / 14.10 / 14.10 / 3.02
sf_241129.queries_stats_durations_on_workers_for_all_by_second	: 12.51,12.89 : 12.51 / 12.89 / 12.70 / 12.70 / 0.19
sf_241129.queries_stats_durations_on_workers_for_query	: 13.96,18.69 : 13.96 / 18.69 / 16.33 / 16.33 / 2.37
sf_241129.queries_stats_durations_on_workers_for_queues_by_all	: 13.95,11.28 : 11.28 / 13.95 / 12.62 / 12.62 / 1.34
sf_241129.queries_stats_durations_on_workers_for_queues_by_day	: 11.32,11.46 : 11.32 / 11.46 / 11.39 / 11.39 / 0.07

sf_241129.queries_stats_durations_on_workers_for_queues_by_hour	: 10.29,9.73 : 9.73 / 10.29 / 10.01 / 10.01 / 0.28
sf_241129.queries_stats_durations_on_workers_for_queues_by_minute	: 10.03,11.32 : 10.03 / 11.32 / 10.67 / 10.67 / 0.64
sf_241129.queries_stats_durations_on_workers_for_queues_by_second	: 11.33,13.29 : 11.33 / 13.29 / 12.31 / 12.31 / 0.98
sf_241129.queries_stats_durations_on_workers_for_statements_by_all	: 12.57,15.07 : 12.57 / 15.07 / 13.82 / 13.82 / 1.25
sf_241129.queries_stats_durations_on_workers_for_statements_by_day	: 10.42,10.35 : 10.35 / 10.42 / 10.38 / 10.38 / 0.04
sf_241129.queries_stats_durations_on_workers_for_statements_by_hour	: 10.85,11.12 : 10.85 / 11.12 / 10.99 / 10.99 / 0.13
sf_241129.queries_stats_durations_on_workers_for_statements_by_minute	: 11.44,11.13 : 11.13 / 11.44 / 11.29 / 11.29 / 0.15
sf_241129.queries_stats_durations_on_workers_for_statements_by_second	: 17.20,16.70 : 16.70 / 17.20 / 16.95 / 16.95 / 0.25
sf_241129.queries_stats_durations_on_workers_for_users_by_all	: 14.21,14.87 : 14.21 / 14.87 / 14.54 / 14.54 / 0.33
sf_241129.queries_stats_durations_on_workers_for_users_by_day	: 13.00,13.44 : 13.00 / 13.44 / 13.22 / 13.22 / 0.22
sf_241129.queries_stats_durations_on_workers_for_users_by_hour	: 15.45,12.65 : 12.65 / 15.45 / 14.05 / 14.05 / 1.40
sf_241129.queries_stats_durations_on_workers_for_users_by_minute	: 13.70,13.06 : 13.06 / 13.70 / 13.38 / 13.38 / 0.32
sf_241129.queries_stats_durations_on_workers_for_users_by_second	: 18.44,19.24 : 18.44 / 19.24 / 18.84 / 18.84 / 0.40
sf_241129.queries_step_plan	: 71.02,73.51 : 71.02 / 73.51 / 72.26 / 72.26 / 1.25
sf_241129.queries_text_for_leader	: 3.62,4.37 : 3.62 / 4.37 / 3.99 / 3.99 / 0.38
sf_241129.queries_text_on_both_fast	: 8.16,7.77 : 7.77 / 8.16 / 7.96 / 7.96 / 0.20
sf_241129.queries_text_on_both_full	: 11.66,10.76 : 10.76 / 11.66 / 11.21 / 11.21 / 0.45
sf_241129.queries_text_on_workers_fast	: 4.49,4.21 : 4.21 / 4.49 / 4.35 / 4.35 / 0.14
sf_241129.queries_text_on_workers_full	: 2.07,2.16 : 2.07 / 2.16 / 2.11 / 2.11 / 0.04
sf_241129.queries_totals_aborts_on_workers_for_all_by_all	: 0.43,0.39 : 0.39 / 0.43 / 0.41 / 0.41 / 0.02
sf_241129.queries_totals_aborts_on_workers_for_all_by_day	: 0.41,0.41 : 0.41 / 0.41 / 0.41 / 0.41 / 0.00
sf_241129.queries_totals_aborts_on_workers_for_all_by_hour	: 0.40,0.47 : 0.40 / 0.47 / 0.44 / 0.44 / 0.03
sf_241129.queries_totals_aborts_on_workers_for_all_by_minute	: 0.73,0.68 : 0.68 / 0.73 / 0.71 / 0.71 / 0.03
sf_241129.queries_totals_aborts_on_workers_for_all_by_second	: 0.69,0.48 : 0.48 / 0.69 / 0.59 / 0.59 / 0.11
sf_241129.queries_totals_aborts_on_workers_for_query	: 0.44,0.53 : 0.44 / 0.53 / 0.48 / 0.48 / 0.05
sf_241129.queries_totals_aborts_on_workers_for_queues_by_all	: 0.90,0.92 : 0.90 / 0.92 / 0.91 / 0.91 / 0.01
sf_241129.queries_totals_aborts_on_workers_for_queues_by_day	: 1.05,0.92 : 0.92 / 1.05 / 0.98 / 0.98 / 0.07
sf_241129.queries_totals_aborts_on_workers_for_queues_by_hour	: 0.95,0.90 : 0.90 / 0.95 / 0.93 / 0.93 / 0.03
sf_241129.queries_totals_aborts_on_workers_for_queues_by_minute	: 1.05,0.91 : 0.91 / 1.05 / 0.98 / 0.98 / 0.07
sf_241129.queries_totals_aborts_on_workers_for_queues_by_second	: 1.22,0.97 : 0.97 / 1.22 / 1.09 / 1.09 / 0.12
sf_241129.queries_totals_aborts_on_workers_for_users_by_all	: 0.43,0.43 : 0.43 / 0.43 / 0.43 / 0.43 / 0.00
sf_241129.queries_totals_aborts_on_workers_for_users_by_day	: 0.42,0.53 : 0.42 / 0.53 / 0.47 / 0.47 / 0.05
sf_241129.queries_totals_aborts_on_workers_for_users_by_hour	: 0.44,0.46 : 0.44 / 0.46 / 0.45 / 0.45 / 0.01
sf_241129.queries_totals_aborts_on_workers_for_users_by_minute	: 0.56,0.42 : 0.42 / 0.56 / 0.49 / 0.49 / 0.07
sf_241129.queries_totals_aborts_on_workers_for_users_by_second	: 1.07,0.80 : 0.80 / 1.07 / 0.94 / 0.94 / 0.14

sf_241129.queries_totals_blocks_on_workers_for_all_by_all	: 0.75,0.75 : 0.75 / 0.75 / 0.75 / 0.75 / 0.00
sf_241129.queries_totals_blocks_on_workers_for_all_by_day	: 0.63,0.52 : 0.52 / 0.63 / 0.57 / 0.57 / 0.06
sf_241129.queries_totals_blocks_on_workers_for_all_by_hour	: 0.49,0.52 : 0.49 / 0.52 / 0.50 / 0.50 / 0.02
sf_241129.queries_totals_blocks_on_workers_for_all_by_minute	: 0.46,0.60 : 0.46 / 0.60 / 0.53 / 0.53 / 0.07
sf_241129.queries_totals_blocks_on_workers_for_all_by_second	: 0.47,0.51 : 0.47 / 0.51 / 0.49 / 0.49 / 0.02
sf_241129.queries_totals_blocks_on_workers_for_query	: 0.58,0.91 : 0.58 / 0.91 / 0.74 / 0.74 / 0.17
sf_241129.queries_totals_blocks_on_workers_for_users_by_all	: 0.52,0.47 : 0.47 / 0.52 / 0.50 / 0.50 / 0.02
sf_241129.queries_totals_blocks_on_workers_for_users_by_day	: 0.48,0.57 : 0.48 / 0.57 / 0.52 / 0.52 / 0.04
sf_241129.queries_totals_blocks_on_workers_for_users_by_hour	: 0.49,0.52 : 0.49 / 0.52 / 0.50 / 0.50 / 0.02
sf_241129.queries_totals_blocks_on_workers_for_users_by_minute	: 0.46,0.45 : 0.45 / 0.46 / 0.46 / 0.46 / 0.01
sf_241129.queries_totals_blocks_on_workers_for_users_by_second	: 0.48,0.58 : 0.48 / 0.58 / 0.53 / 0.53 / 0.05
sf_241129.queries_totals_result_cache_for_all_by_all	: 5.26,5.26 : 5.26 / 5.26 / 5.26 / 5.26 / 0.00
sf_241129.queries_totals_result_cache_for_all_by_day	: 6.11,5.96 : 5.96 / 6.11 / 6.03 / 6.03 / 0.07
sf_241129.queries_totals_result_cache_for_all_by_hour	: 1.67,1.63 : 1.63 / 1.67 / 1.65 / 1.65 / 0.02
sf_241129.queries_totals_result_cache_for_all_by_minute	: 0.93,0.89 : 0.89 / 0.93 / 0.91 / 0.91 / 0.02
sf_241129.queries_totals_result_cache_for_all_by_second	: 0.88,0.92 : 0.88 / 0.92 / 0.90 / 0.90 / 0.02
sf_241129.queries_totals_result_cache_for_query	: 5.51,5.24 : 5.24 / 5.51 / 5.38 / 5.38 / 0.13
sf_241129.queries_totals_result_cache_for_users_by_all	: 5.14,5.27 : 5.14 / 5.27 / 5.20 / 5.20 / 0.06
sf_241129.queries_totals_result_cache_for_users_by_day	: 5.88,5.95 : 5.88 / 5.95 / 5.91 / 5.91 / 0.04
sf_241129.queries_totals_result_cache_for_users_by_hour	: 1.77,1.92 : 1.77 / 1.92 / 1.84 / 1.84 / 0.07
sf_241129.queries_totals_result_cache_for_users_by_minute	: 1.00,1.01 : 1.00 / 1.01 / 1.00 / 1.00 / 0.00
sf_241129.queries_totals_result_cache_for_users_by_second	: 1.27,1.06 : 1.06 / 1.27 / 1.16 / 1.16 / 0.10
sf_241129.queries_transactions_batches	: 18.93,18.98 : 18.93 / 18.98 / 18.96 / 18.96 / 0.03
sf_241129.sessions_fast	: 2.62,1.07 : 1.07 / 2.62 / 1.85 / 1.85 / 0.78
sf_241129.sessions_full	: 1.21,1.28 : 1.21 / 1.28 / 1.25 / 1.25 / 0.03
sf_241129.sschemas	: 0.28,0.27 : 0.27 / 0.28 / 0.28 / 0.28 / 0.01
sf_241129.sschemas_blocks_rows	: 0.92,0.96 : 0.92 / 0.96 / 0.94 / 0.94 / 0.02
sf_241129.sschemas_blocks_rows_activity	: 1.91,1.57 : 1.57 / 1.91 / 1.74 / 1.74 / 0.17
sf_241129.steps_stats_durations_on_both_for_all_by_all_complete	: 10.02,9.70 : 9.70 / 10.02 / 9.86 / 9.86 / 0.16
sf_241129.steps_stats_durations_on_both_for_all_by_all_concise	: 7.73,7.58 : 7.58 / 7.73 / 7.65 / 7.65 / 0.08
sf_241129.steps_stats_durations_on_both_for_all_by_day_complete	: 9.16,9.42 : 9.16 / 9.42 / 9.29 / 9.29 / 0.13
sf_241129.steps_stats_durations_on_both_for_all_by_day_concise	: 7.92,7.99 : 7.92 / 7.99 / 7.95 / 7.95 / 0.03
sf_241129.steps_stats_durations_on_both_for_all_by_hour_complete	: 7.18,6.70 : 6.70 / 7.18 / 6.94 / 6.94 / 0.24
sf_241129.steps_stats_durations_on_both_for_all_by_hour_concise	: 6.71,6.55 : 6.55 / 6.71 / 6.63 / 6.63 / 0.08
sf_241129.steps_stats_durations_on_both_for_all_by_minute_complete	: 6.73,6.68 : 6.68 / 6.73 / 6.70 / 6.70 / 0.02

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sf_241129.steps_stats_durations_on_both_for_all_by_minute_concise : 6.41,6.65 : 6.41 / 6.65 / 6.53 / 6.53 / 0.12
sf_241129.steps_stats_durations_on_both_for_all_by_second_complete : 6.50,6.84 : 6.50 / 6.84 / 6.67 / 6.67 / 0.17
sf_241129.steps_stats_durations_on_both_for_all_by_second_concise : 7.00,6.58 : 6.58 / 7.00 / 6.79 / 6.79 / 0.21
sf_241129.steps_stats_durations_on_both_for_node_by_all_complete : 13.72,13.40 : 13.40 / 13.72 / 13.56 / 13.56 / 0.16
sf_241129.steps_stats_durations_on_both_for_node_by_all_concise : 9.77,9.75 : 9.75 / 9.77 / 9.76 / 9.76 / 0.01
sf_241129.steps_stats_durations_on_both_for_node_by_day_complete : 13.65,13.80 : 13.65 / 13.80 / 13.73 / 13.73 / 0.07
sf_241129.steps_stats_durations_on_both_for_node_by_day_concise : 10.51,10.66 : 10.51 / 10.66 / 10.58 / 10.58 / 0.07
sf_241129.steps_stats_durations_on_both_for_node_by_hour_complete : 10.77,15.38 : 10.77 / 15.38 / 13.07 / 13.07 / 2.31
sf_241129.steps_stats_durations_on_both_for_node_by_hour_concise : 9.91,9.71 : 9.71 / 9.91 / 9.81 / 9.81 / 0.10
sf_241129.steps_stats_durations_on_both_for_node_by_minute_complete : 9.95,10.01 : 9.95 / 10.01 / 9.98 / 9.98 / 0.03
sf_241129.steps_stats_durations_on_both_for_node_by_minute_concise : 9.48,9.49 : 9.48 / 9.49 / 9.49 / 9.49 / 0.01
sf_241129.steps_stats_durations_on_both_for_node_by_second_complete : 9.75,10.18 : 9.75 / 10.18 / 9.97 / 9.97 / 0.22
sf_241129.steps_stats_durations_on_both_for_node_by_second_concise : 10.16,9.82 : 9.82 / 10.16 / 9.99 / 9.99 / 0.17
sf_241129.steps_stats_durations_on_both_for_slices_by_all_complete : 12.21,11.89 : 11.89 / 12.21 / 12.05 / 12.05 / 0.16
sf_241129.steps_stats_durations_on_both_for_slices_by_all_concise : 11.82,11.82 : 11.82 / 11.82 / 11.82 / 11.82 / 0.00
sf_241129.steps_stats_durations_on_both_for_slices_by_day_complete : 11.23,11.00 : 11.00 / 11.23 / 11.11 / 11.11 / 0.11
sf_241129.steps_stats_durations_on_both_for_slices_by_day_concise : 11.49,11.19 : 11.19 / 11.49 / 11.34 / 11.34 / 0.15
sf_241129.steps_stats_durations_on_both_for_slices_by_hour_complete : 10.67,12.81 : 10.67 / 12.81 / 11.74 / 11.74 / 1.07
sf_241129.steps_stats_durations_on_both_for_slices_by_hour_concise : 12.56,13.28 : 12.56 / 13.28 / 12.92 / 12.92 / 0.36
sf_241129.steps_stats_durations_on_both_for_slices_by_minute_complete : 10.80,10.74 : 10.74 / 10.80 / 10.77 / 10.77 / 0.03
sf_241129.steps_stats_durations_on_both_for_slices_by_minute_concise : 10.65,10.62 : 10.62 / 10.65 / 10.63 / 10.63 / 0.02
sf_241129.steps_stats_durations_on_both_for_slices_by_second_complete : 11.58,11.61 : 11.58 / 11.61 / 11.60 / 11.60 / 0.02
sf_241129.steps_stats_durations_on_both_for_slices_by_second_concise : 11.35,11.36 : 11.35 / 11.36 / 11.36 / 11.36 / 0.00
sf_241129.steps_stats_durations_on_both_for_statements_by_all : 9.95,9.59 : 9.59 / 9.95 / 9.77 / 9.77 / 0.18
sf_241129.steps_stats_durations_on_both_for_statements_by_day : 9.74,9.78 : 9.74 / 9.78 / 9.76 / 9.76 / 0.02
sf_241129.steps_stats_durations_on_both_for_statements_by_hour : 7.62,7.46 : 7.46 / 7.62 / 7.54 / 7.54 / 0.08
sf_241129.steps_stats_durations_on_both_for_statements_by_minute : 7.07,7.29 : 7.07 / 7.29 / 7.18 / 7.18 / 0.11
sf_241129.steps_stats_durations_on_both_for_statements_by_second : 6.83,7.15 : 6.83 / 7.15 / 6.99 / 6.99 / 0.16
sf_241129.steps_stats_durations_on_both_for_tables_by_all_complete : 3.97,3.95 : 3.95 / 3.97 / 3.96 / 3.96 / 0.01
sf_241129.steps_stats_durations_on_both_for_tables_by_all_concise : 4.09,3.92 : 3.92 / 4.09 / 4.01 / 4.01 / 0.09
sf_241129.steps_stats_durations_on_both_for_tables_by_day_complete : 4.26,4.11 : 4.11 / 4.26 / 4.18 / 4.18 / 0.08
sf_241129.steps_stats_durations_on_both_for_tables_by_day_concise : 4.13,4.08 : 4.08 / 4.13 / 4.11 / 4.11 / 0.03
sf_241129.steps_stats_durations_on_both_for_tables_by_hour_complete : 3.58,3.59 : 3.58 / 3.59 / 3.58 / 3.58 / 0.01
sf_241129.steps_stats_durations_on_both_for_tables_by_hour_concise : 3.57,4.16 : 3.57 / 4.16 / 3.87 / 3.87 / 0.30
sf_241129.steps_stats_durations_on_both_for_tables_by_minute_complete : 5.05,4.42 : 4.42 / 5.05 / 4.73 / 4.73 / 0.32

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sf_241129.steps_stats_durations_on_both_for_tables_by_minute_concise	: 4.77,4.43 : 4.43 / 4.77 / 4.60 / 4.60 / 0.17
sf_241129.steps_stats_durations_on_both_for_tables_by_second_complete	: 6.74,6.71 : 6.71 / 6.74 / 6.72 / 6.72 / 0.01
sf_241129.steps_stats_durations_on_both_for_tables_by_second_concise	: 4.85,6.63 : 4.85 / 6.63 / 5.74 / 5.74 / 0.89
sf_241129.steps_stats_durations_on_both_for_users_by_all_complete	: 9.68,9.83 : 9.68 / 9.83 / 9.76 / 9.76 / 0.08
sf_241129.steps_stats_durations_on_both_for_users_by_all_concise	: 9.45,9.81 : 9.45 / 9.81 / 9.63 / 9.63 / 0.18
sf_241129.steps_stats_durations_on_both_for_users_by_day_complete	: 9.35,9.49 : 9.35 / 9.49 / 9.42 / 9.42 / 0.07
sf_241129.steps_stats_durations_on_both_for_users_by_day_concise	: 9.21,9.12 : 9.12 / 9.21 / 9.16 / 9.16 / 0.05
sf_241129.steps_stats_durations_on_both_for_users_by_hour_complete	: 7.02,7.31 : 7.02 / 7.31 / 7.17 / 7.17 / 0.14
sf_241129.steps_stats_durations_on_both_for_users_by_hour_concise	: 8.75,6.95 : 6.95 / 8.75 / 7.85 / 7.85 / 0.90
sf_241129.steps_stats_durations_on_both_for_users_by_minute_complete	: 6.69,6.67 : 6.67 / 6.69 / 6.68 / 6.68 / 0.01
sf_241129.steps_stats_durations_on_both_for_users_by_minute_concise	: 6.50,6.52 : 6.50 / 6.52 / 6.51 / 6.51 / 0.01
sf_241129.steps_stats_durations_on_both_for_users_by_second_complete	: 6.53,6.51 : 6.51 / 6.53 / 6.52 / 6.52 / 0.01
sf_241129.steps_stats_durations_on_both_for_users_by_second_concise	: 6.88,6.60 : 6.60 / 6.88 / 6.74 / 6.74 / 0.14
sf_241129.steps_totals_data_on_both_for_all_by_all	: 6.79,6.61 : 6.61 / 6.79 / 6.70 / 6.70 / 0.09
sf_241129.steps_totals_data_on_both_for_all_by_day	: 6.82,6.86 : 6.82 / 6.86 / 6.84 / 6.84 / 0.02
sf_241129.steps_totals_data_on_both_for_all_by_hour	: 6.38,6.74 : 6.38 / 6.74 / 6.56 / 6.56 / 0.18
sf_241129.steps_totals_data_on_both_for_all_by_minute	: 6.50,6.57 : 6.50 / 6.57 / 6.53 / 6.53 / 0.04
sf_241129.steps_totals_data_on_both_for_all_by_second	: 6.58,6.66 : 6.58 / 6.66 / 6.62 / 6.62 / 0.04
sf_241129.steps_totals_data_on_both_for_node_by_all	: 7.18,6.93 : 6.93 / 7.18 / 7.06 / 7.06 / 0.12
sf_241129.steps_totals_data_on_both_for_node_by_day	: 7.08,6.91 : 6.91 / 7.08 / 6.99 / 6.99 / 0.09
sf_241129.steps_totals_data_on_both_for_node_by_hour	: 6.59,6.51 : 6.51 / 6.59 / 6.55 / 6.55 / 0.04
sf_241129.steps_totals_data_on_both_for_node_by_minute	: 6.46,7.35 : 6.46 / 7.35 / 6.90 / 6.90 / 0.44
sf_241129.steps_totals_data_on_both_for_node_by_second	: 6.67,6.45 : 6.45 / 6.67 / 6.56 / 6.56 / 0.11
sf_241129.steps_totals_data_on_both_for_query	: 8.97,9.11 : 8.97 / 9.11 / 9.04 / 9.04 / 0.07
sf_241129.steps_totals_data_on_both_for_slices_by_all	: 6.79,6.66 : 6.66 / 6.79 / 6.73 / 6.73 / 0.06
sf_241129.steps_totals_data_on_both_for_slices_by_day	: 6.83,7.87 : 6.83 / 7.87 / 7.35 / 7.35 / 0.52
sf_241129.steps_totals_data_on_both_for_slices_by_hour	: 8.22,7.14 : 7.14 / 8.22 / 7.68 / 7.68 / 0.54
sf_241129.steps_totals_data_on_both_for_slices_by_minute	: 7.08,8.12 : 7.08 / 8.12 / 7.60 / 7.60 / 0.52
sf_241129.steps_totals_data_on_both_for_slices_by_second	: 7.22,6.64 : 6.64 / 7.22 / 6.93 / 6.93 / 0.29
sf_241129.steps_totals_data_on_both_for_statements_by_all	: 9.24,8.49 : 8.49 / 9.24 / 8.87 / 8.87 / 0.37
sf_241129.steps_totals_data_on_both_for_statements_by_day	: 13.67,10.71 : 10.71 / 13.67 / 12.19 / 12.19 / 1.48
sf_241129.steps_totals_data_on_both_for_statements_by_hour	: 16.43,16.03 : 16.03 / 16.43 / 16.23 / 16.23 / 0.20
sf_241129.steps_totals_data_on_both_for_statements_by_minute	: 19.79,20.09 : 19.79 / 20.09 / 19.94 / 19.94 / 0.15
sf_241129.steps_totals_data_on_both_for_statements_by_second	: 83.80,54.21 : 54.21 / 83.80 / 69.00 / 69.00 / 14.79
sf_241129.steps_totals_data_on_both_for_users_by_all	: 6.98,6.80 : 6.80 / 6.98 / 6.89 / 6.89 / 0.09

sf_241129.steps_totals_data_on_both_for_users_by_day	: 6.91,6.82 : 6.82 / 6.91 / 6.86 / 6.86 / 0.04
sf_241129.steps_totals_data_on_both_for_users_by_hour	: 6.82,6.58 : 6.58 / 6.82 / 6.70 / 6.70 / 0.12
sf_241129.steps_totals_data_on_both_for_users_by_minute	: 6.61,6.53 : 6.53 / 6.61 / 6.57 / 6.57 / 0.04
sf_241129.steps_totals_data_on_both_for_users_by_second	: 6.96,6.61 : 6.61 / 6.96 / 6.78 / 6.78 / 0.17
sf_241129.steps_totals_rows_on_workers_for_all_by_all	: 4.72,5.52 : 4.72 / 5.52 / 5.12 / 5.12 / 0.40
sf_241129.steps_totals_rows_on_workers_for_all_by_day	: 4.63,5.03 : 4.63 / 5.03 / 4.83 / 4.83 / 0.20
sf_241129.steps_totals_rows_on_workers_for_all_by_hour	: 4.75,4.78 : 4.75 / 4.78 / 4.76 / 4.76 / 0.02
sf_241129.steps_totals_rows_on_workers_for_all_by_minute	: 4.65,4.86 : 4.65 / 4.86 / 4.76 / 4.76 / 0.11
sf_241129.steps_totals_rows_on_workers_for_all_by_second	: 5.11,4.77 : 4.77 / 5.11 / 4.94 / 4.94 / 0.17
sf_241129.steps_totals_rows_on_workers_for_query	: 5.13,5.30 : 5.13 / 5.30 / 5.22 / 5.22 / 0.08
sf_241129.steps_totals_rows_on_workers_for_schemas_by_all	: 4.75,4.86 : 4.75 / 4.86 / 4.80 / 4.80 / 0.06
sf_241129.steps_totals_rows_on_workers_for_schemas_by_day	: 4.92,5.23 : 4.92 / 5.23 / 5.07 / 5.07 / 0.16
sf_241129.steps_totals_rows_on_workers_for_schemas_by_hour	: 4.93,4.86 : 4.86 / 4.93 / 4.89 / 4.89 / 0.03
sf_241129.steps_totals_rows_on_workers_for_schemas_by_minute	: 5.45,4.96 : 4.96 / 5.45 / 5.21 / 5.21 / 0.25
sf_241129.steps_totals_rows_on_workers_for_schemas_by_second	: 5.01,5.64 : 5.01 / 5.64 / 5.33 / 5.33 / 0.31
sf_241129.steps_totals_rows_on_workers_for_tables_by_all	: 4.95,4.81 : 4.81 / 4.95 / 4.88 / 4.88 / 0.07
sf_241129.steps_totals_rows_on_workers_for_tables_by_day	: 4.93,5.26 : 4.93 / 5.26 / 5.10 / 5.10 / 0.17
sf_241129.steps_totals_rows_on_workers_for_tables_by_hour	: 4.82,4.90 : 4.82 / 4.90 / 4.86 / 4.86 / 0.04
sf_241129.steps_totals_rows_on_workers_for_tables_by_minute	: 5.19,4.93 : 4.93 / 5.19 / 5.06 / 5.06 / 0.13
sf_241129.steps_totals_rows_on_workers_for_tables_by_second	: 5.05,5.25 : 5.05 / 5.25 / 5.15 / 5.15 / 0.10
sf_241129.steps_totals_rows_on_workers_for_users_by_all	: 4.91,4.64 : 4.64 / 4.91 / 4.78 / 4.78 / 0.13
sf_241129.steps_totals_rows_on_workers_for_users_by_day	: 4.63,4.79 : 4.63 / 4.79 / 4.71 / 4.71 / 0.08
sf_241129.steps_totals_rows_on_workers_for_users_by_hour	: 4.85,5.12 : 4.85 / 5.12 / 4.99 / 4.99 / 0.14
sf_241129.steps_totals_rows_on_workers_for_users_by_minute	: 5.03,4.80 : 4.80 / 5.03 / 4.91 / 4.91 / 0.11
sf_241129.steps_totals_rows_on_workers_for_users_by_second	: 5.06,4.80 : 4.80 / 5.06 / 4.93 / 4.93 / 0.13
sf_241129.steps_totals_scan_data_on_both_for_all_by_all	: 5.11,5.40 : 5.11 / 5.40 / 5.25 / 5.25 / 0.14
sf_241129.steps_totals_scan_data_on_both_for_all_by_day	: 5.88,5.64 : 5.64 / 5.88 / 5.76 / 5.76 / 0.12
sf_241129.steps_totals_scan_data_on_both_for_all_by_hour	: 5.55,7.08 : 5.55 / 7.08 / 6.31 / 6.31 / 0.77
sf_241129.steps_totals_scan_data_on_both_for_all_by_minute	: 5.46,5.27 : 5.27 / 5.46 / 5.36 / 5.36 / 0.09
sf_241129.steps_totals_scan_data_on_both_for_all_by_second	: 7.13,7.04 : 7.04 / 7.13 / 7.09 / 7.09 / 0.05
sf_241129.steps_totals_scan_data_on_both_for_node_by_all	: 5.20,5.10 : 5.10 / 5.20 / 5.15 / 5.15 / 0.05
sf_241129.steps_totals_scan_data_on_both_for_node_by_day	: 5.13,5.15 : 5.13 / 5.15 / 5.14 / 5.14 / 0.01
sf_241129.steps_totals_scan_data_on_both_for_node_by_hour	: 5.33,5.58 : 5.33 / 5.58 / 5.45 / 5.45 / 0.13
sf_241129.steps_totals_scan_data_on_both_for_node_by_minute	: 5.52,6.30 : 5.52 / 6.30 / 5.91 / 5.91 / 0.39
sf_241129.steps_totals_scan_data_on_both_for_node_by_second	: 11.19,11.01 : 11.01 / 11.19 / 11.10 / 11.10 / 0.09

sf_241129.steps_totals_scan_data_on_both_for_query	: 8.47,8.66 : 8.47 / 8.66 / 8.57 / 8.57 / 0.09
sf_241129.steps_totals_scan_data_on_both_for_queues_by_all	: 7.19,7.28 : 7.19 / 7.28 / 7.24 / 7.24 / 0.04
sf_241129.steps_totals_scan_data_on_both_for_queues_by_day	: 8.64,7.51 : 7.51 / 8.64 / 8.07 / 8.07 / 0.56
sf_241129.steps_totals_scan_data_on_both_for_queues_by_hour	: 6.42,6.52 : 6.42 / 6.52 / 6.47 / 6.47 / 0.05
sf_241129.steps_totals_scan_data_on_both_for_queues_by_minute	: 7.32,7.09 : 7.09 / 7.32 / 7.21 / 7.21 / 0.12
sf_241129.steps_totals_scan_data_on_both_for_queues_by_second	: 8.89,8.39 : 8.39 / 8.89 / 8.64 / 8.64 / 0.25
sf_241129.steps_totals_scan_data_on_both_for_schemas_by_all	: 8.64,9.26 : 8.64 / 9.26 / 8.95 / 8.95 / 0.31
sf_241129.steps_totals_scan_data_on_both_for_schemas_by_day	: 9.24,8.80 : 8.80 / 9.24 / 9.02 / 9.02 / 0.22
sf_241129.steps_totals_scan_data_on_both_for_schemas_by_hour	: 8.84,8.90 : 8.84 / 8.90 / 8.87 / 8.87 / 0.03
sf_241129.steps_totals_scan_data_on_both_for_schemas_by_minute	: 9.79,9.89 : 9.79 / 9.89 / 9.84 / 9.84 / 0.05
sf_241129.steps_totals_scan_data_on_both_for_schemas_by_second	: 11.16,11.50 : 11.16 / 11.50 / 11.33 / 11.33 / 0.17
sf_241129.steps_totals_scan_data_on_both_for_slices_by_all	: 5.03,5.37 : 5.03 / 5.37 / 5.20 / 5.20 / 0.17
sf_241129.steps_totals_scan_data_on_both_for_slices_by_day	: 5.20,5.06 : 5.06 / 5.20 / 5.13 / 5.13 / 0.07
sf_241129.steps_totals_scan_data_on_both_for_slices_by_hour	: 5.16,5.05 : 5.05 / 5.16 / 5.11 / 5.11 / 0.06
sf_241129.steps_totals_scan_data_on_both_for_slices_by_minute	: 6.48,5.99 : 5.99 / 6.48 / 6.23 / 6.23 / 0.25
sf_241129.steps_totals_scan_data_on_both_for_slices_by_second	: 27.15,24.97 : 24.97 / 27.15 / 26.06 / 26.06 / 1.09
sf_241129.steps_totals_scan_data_on_both_for_tables_by_all	: 8.79,8.55 : 8.55 / 8.79 / 8.67 / 8.67 / 0.12
sf_241129.steps_totals_scan_data_on_both_for_tables_by_day	: 8.90,8.91 : 8.90 / 8.91 / 8.90 / 8.90 / 0.00
sf_241129.steps_totals_scan_data_on_both_for_tables_by_hour	: 9.11,9.26 : 9.11 / 9.26 / 9.18 / 9.18 / 0.08
sf_241129.steps_totals_scan_data_on_both_for_tables_by_minute	: 13.05,12.09 : 12.09 / 13.05 / 12.57 / 12.57 / 0.48
sf_241129.steps_totals_scan_data_on_both_for_tables_by_second	: 12.93,12.55 : 12.55 / 12.93 / 12.74 / 12.74 / 0.19
sf_241129.steps_totals_scan_data_on_both_for_users_by_all	: 5.31,5.43 : 5.31 / 5.43 / 5.37 / 5.37 / 0.06
sf_241129.steps_totals_scan_data_on_both_for_users_by_day	: 5.29,5.54 : 5.29 / 5.54 / 5.41 / 5.41 / 0.13
sf_241129.steps_totals_scan_data_on_both_for_users_by_hour	: 5.25,5.24 : 5.24 / 5.25 / 5.25 / 5.25 / 0.00
sf_241129.steps_totals_scan_data_on_both_for_users_by_minute	: 5.64,5.78 : 5.64 / 5.78 / 5.71 / 5.71 / 0.07
sf_241129.steps_totals_scan_data_on_both_for_users_by_second	: 10.23,9.67 : 9.67 / 10.23 / 9.95 / 9.95 / 0.28
sf_241129.transactions	: 8.05,8.93 : 8.05 / 8.93 / 8.49 / 8.49 / 0.44
sf_241129.transactions_batches	: 8.67,8.55 : 8.55 / 8.67 / 8.61 / 8.61 / 0.06
sf_241129.transactions_stats_commits_by_all	: 0.66,0.67 : 0.66 / 0.67 / 0.67 / 0.67 / 0.01
sf_241129.transactions_stats_commits_by_day	: 0.69,0.85 : 0.69 / 0.85 / 0.77 / 0.77 / 0.08
sf_241129.transactions_stats_commits_by_hour	: 0.73,0.67 : 0.67 / 0.73 / 0.70 / 0.70 / 0.03
sf_241129.transactions_stats_commits_by_minute	: 0.74,0.78 : 0.74 / 0.78 / 0.76 / 0.76 / 0.02
sf_241129.transactions_stats_commits_by_second	: 0.79,0.84 : 0.79 / 0.84 / 0.81 / 0.81 / 0.02
sf_241129.transactions_totals_commits_by_all	: 0.40,0.39 : 0.39 / 0.40 / 0.39 / 0.39 / 0.00
sf_241129.transactions_totals_commits_by_day	: 0.38,0.36 : 0.36 / 0.38 / 0.37 / 0.37 / 0.01

sf_241129.transactions_totals_commits_by_hour	: 0.38,0.33 : 0.33 / 0.38 / 0.36 / 0.36 / 0.03
sf_241129.transactions_totals_commits_by_minute	: 0.37,0.37 : 0.37 / 0.37 / 0.37 / 0.37 / 0.00
sf_241129.transactions_totals_commits_by_second	: 0.38,0.34 : 0.34 / 0.38 / 0.36 / 0.36 / 0.02
sf_241129.transactions_totals_query_counts_on_both_for_all_by_all	: 7.57,7.34 : 7.34 / 7.57 / 7.46 / 7.46 / 0.12
sf_241129.transactions_totals_query_counts_on_both_for_all_by_day	: 6.48,7.49 : 6.48 / 7.49 / 6.98 / 6.98 / 0.51
sf_241129.transactions_totals_query_counts_on_both_for_all_by_hour	: 8.08,7.15 : 7.15 / 8.08 / 7.62 / 7.62 / 0.47
sf_241129.transactions_totals_query_counts_on_both_for_all_by_minute	: 8.32,7.60 : 7.60 / 8.32 / 7.96 / 7.96 / 0.36
sf_241129.transactions_totals_query_counts_on_both_for_all_by_second	: 7.86,6.72 : 6.72 / 7.86 / 7.29 / 7.29 / 0.57
sf_241129.transactions_totals_query_counts_on_both_for_users_by_all	: 8.34,7.55 : 7.55 / 8.34 / 7.94 / 7.94 / 0.40
sf_241129.transactions_totals_query_counts_on_both_for_users_by_day	: 7.01,7.99 : 7.01 / 7.99 / 7.50 / 7.50 / 0.49
sf_241129.transactions_totals_query_counts_on_both_for_users_by_hour	: 8.15,9.05 : 8.15 / 9.05 / 8.60 / 8.60 / 0.45
sf_241129.transactions_totals_query_counts_on_both_for_users_by_minute	: 7.45,7.47 : 7.45 / 7.47 / 7.46 / 7.46 / 0.01
sf_241129.transactions_totals_query_counts_on_both_for_users_by_second	: 7.56,6.50 : 6.50 / 7.56 / 7.03 / 7.03 / 0.53
sf_241129.ttables	: 0.51,0.49 : 0.49 / 0.51 / 0.50 / 0.50 / 0.01
sf_241129.ttables_blocks_rows	: 1.09,1.18 : 1.09 / 1.18 / 1.14 / 1.14 / 0.05
sf_241129.ttables_blocks_rows_activity	: 1.84,1.72 : 1.72 / 1.84 / 1.78 / 1.78 / 0.06
sf_241129.ttables_columns	: 2.68,3.07 : 2.68 / 3.07 / 2.88 / 2.88 / 0.20
sf_241129.ttables_columns_blocks	: 1.43,0.92 : 0.92 / 1.43 / 1.17 / 1.17 / 0.25
sf_241129.ttables_columns_defaults_references	: 6.06,6.13 : 6.06 / 6.13 / 6.10 / 6.10 / 0.03
sf_241129.ttables_creation_for_all_by_day	: 0.12,0.10 : 0.10 / 0.12 / 0.11 / 0.11 / 0.01
sf_241129.ttables_creation_for_all_by_hour	: 0.12,0.09 : 0.09 / 0.12 / 0.11 / 0.11 / 0.02
sf_241129.ttables_creation_for_all_by_minute	: 0.04,0.04 : 0.04 / 0.04 / 0.04 / 0.04 / 0.00
sf_241129.ttables_creation_for_all_by_second	: 0.04,0.04 : 0.04 / 0.04 / 0.04 / 0.04 / 0.00
sf_241129.ttables_creation_for_schemas_by_day	: 0.11,0.11 : 0.11 / 0.11 / 0.11 / 0.11 / 0.00
sf_241129.ttables_creation_for_schemas_by_hour	: 0.09,0.09 : 0.09 / 0.09 / 0.09 / 0.09 / 0.00
sf_241129.ttables_creation_for_schemas_by_minute	: 0.04,0.04 : 0.04 / 0.04 / 0.04 / 0.04 / 0.00
sf_241129.ttables_creation_for_schemas_by_second	: 0.04,0.04 : 0.04 / 0.04 / 0.04 / 0.04 / 0.00
sf_241129.ttables_stats_datatypes_encodings_by_count_and_blocks	: 1.91,1.83 : 1.83 / 1.91 / 1.87 / 1.87 / 0.04
sf_241129.ttables_stats_dists_sorts_for_all_by_blocks	: 1.24,1.81 : 1.24 / 1.81 / 1.53 / 1.53 / 0.29
sf_241129.ttables_stats_dists_sorts_for_all_by_count	: 0.76,0.71 : 0.71 / 0.76 / 0.73 / 0.73 / 0.02
sf_241129.ttables_stats_dists_sorts_for_schemas_by_blocks	: 1.28,0.97 : 0.97 / 1.28 / 1.13 / 1.13 / 0.15
sf_241129.ttables_stats_dists_sorts_for_schemas_by_count	: 0.35,0.35 : 0.35 / 0.35 / 0.35 / 0.35 / 0.00
sf_241129.ttables_zonemap	: 19.16,19.78 : 19.16 / 19.78 / 19.47 / 19.47 / 0.31
sf_241129.utils_most_recent_copy_error_for_current_user	: 0.21,0.33 : 0.21 / 0.33 / 0.27 / 0.27 / 0.06
sf_241129.utils_queries_benchmark	: 3.68,3.48 : 3.48 / 3.68 / 3.58 / 3.58 / 0.10

sf_241129.uusers	: 0.60,0.49 : 0.49 / 0.60 / 0.54 / 0.54 / 0.05
sf_241129.uusers_default_privileges	: 0.02,0.01 : 0.01 / 0.02 / 0.01 / 0.01 / 0.00
sf_241129.uusers_privileges	: 8.82,11.20 : 8.82 / 11.20 / 10.01 / 10.01 / 1.19
sf_241129.vacuum_stats_for_all_by_all	: 5.77,7.31 : 5.77 / 7.31 / 6.54 / 6.54 / 0.77
sf_241129.vacuum_stats_for_all_by_day	: 4.25,5.04 : 4.25 / 5.04 / 4.65 / 4.65 / 0.39
sf_241129.vacuum_stats_for_all_by_hour	: 5.65,5.76 : 5.65 / 5.76 / 5.70 / 5.70 / 0.05
sf_241129.vacuum_stats_for_all_by_minute	: 5.10,6.18 : 5.10 / 6.18 / 5.64 / 5.64 / 0.54
sf_241129.vacuum_stats_for_all_by_second	: 8.25,8.09 : 8.09 / 8.25 / 8.17 / 8.17 / 0.08
sf_241129.vacuum_totals_for_all_by_all	: 0.36,0.35 : 0.35 / 0.36 / 0.36 / 0.36 / 0.00
sf_241129.vacuum_totals_for_all_by_day	: 0.33,0.32 : 0.32 / 0.33 / 0.33 / 0.33 / 0.00
sf_241129.vacuum_totals_for_all_by_hour	: 0.35,0.36 : 0.35 / 0.36 / 0.35 / 0.35 / 0.01
sf_241129.vacuum_totals_for_all_by_minute	: 0.33,0.35 : 0.33 / 0.35 / 0.34 / 0.34 / 0.01
sf_241129.vacuum_totals_for_all_by_second	: 0.30,0.35 : 0.30 / 0.35 / 0.33 / 0.33 / 0.02
sf_241129.vacuum_totals_for_tables_by_all	: 0.38,0.42 : 0.38 / 0.42 / 0.40 / 0.40 / 0.02
sf_241129.vacuum_totals_for_tables_by_day	: 0.43,0.44 : 0.43 / 0.44 / 0.43 / 0.43 / 0.01
sf_241129.vacuum_totals_for_tables_by_hour	: 0.48,0.43 : 0.43 / 0.48 / 0.45 / 0.45 / 0.03
sf_241129.vacuum_totals_for_tables_by_minute	: 0.46,0.41 : 0.41 / 0.46 / 0.43 / 0.43 / 0.02
sf_241129.vacuum_totals_for_tables_by_second	: 0.44,0.50 : 0.44 / 0.50 / 0.47 / 0.47 / 0.03
sf_241129.vacuum_totals_for_users_by_all	: 0.34,0.35 : 0.34 / 0.35 / 0.34 / 0.34 / 0.00
sf_241129.vacuum_totals_for_users_by_day	: 0.34,0.33 : 0.33 / 0.34 / 0.33 / 0.33 / 0.00
sf_241129.vacuum_totals_for_users_by_hour	: 0.32,0.33 : 0.32 / 0.33 / 0.33 / 0.33 / 0.00
sf_241129.vacuum_totals_for_users_by_minute	: 0.32,0.31 : 0.31 / 0.32 / 0.32 / 0.32 / 0.00
sf_241129.vacuum_totals_for_users_by_second	: 0.35,0.32 : 0.32 / 0.35 / 0.33 / 0.33 / 0.01
sf_241129.views_late_binding	: 0.27,0.24 : 0.24 / 0.27 / 0.25 / 0.25 / 0.01
sf_241129.views_late_binding_columns	: 1.76,1.60 : 1.60 / 1.76 / 1.68 / 1.68 / 0.08
sf_241129.views_materialized	: 0.24,0.23 : 0.23 / 0.24 / 0.24 / 0.24 / 0.01
sf_241129.views_materialized_columns	: 0.64,0.67 : 0.64 / 0.67 / 0.66 / 0.66 / 0.01
sf_241129.views_materialized_table	: 1.31,1.30 : 1.30 / 1.31 / 1.30 / 1.30 / 0.00
sf_241129.views_materialized_table_blocks_rows	: 1.89,2.23 : 1.89 / 2.23 / 2.06 / 2.06 / 0.17
sf_241129.views_normal	: 0.24,0.41 : 0.24 / 0.41 / 0.32 / 0.32 / 0.08
sf_241129.views_normal_columns	: 0.77,0.71 : 0.71 / 0.77 / 0.74 / 0.74 / 0.03
sf_241129.views_text	: 1.61,1.35 : 1.35 / 1.61 / 1.48 / 1.48 / 0.13
sf_241129.wqueues	: 0.09,0.11 : 0.09 / 0.11 / 0.10 / 0.10 / 0.01
sf_241129.wqueues_memory	: 0.08,0.08 : 0.08 / 0.08 / 0.08 / 0.08 / 0.00
sf_241129.wqueues_qmr_log	: 0.15,0.15 : 0.15 / 0.15 / 0.15 / 0.15 / 0.00

sf_241129.wqueues_qmr_rules	: 0.05,0.07 : 0.05 / 0.07 / 0.06 / 0.06 / 0.01
sf_241129.wqueues_routing_rules	: 0.05,0.04 : 0.04 / 0.05 / 0.04 / 0.04 / 0.00
sf_241129.wqueues_totals_slot_utilization_by_all	: 10.52,10.77 : 10.52 / 10.77 / 10.65 / 10.65 / 0.13
sf_241129.wqueues_totals_slot_utilization_by_day	: 10.72,9.98 : 9.98 / 10.72 / 10.35 / 10.35 / 0.37
sf_241129.wqueues_totals_slot_utilization_by_day_as_table	: 11.57,10.39 : 10.39 / 11.57 / 10.98 / 10.98 / 0.59
sf_241129.wqueues_totals_slot_utilization_by_hour	: 9.78,10.52 : 9.78 / 10.52 / 10.15 / 10.15 / 0.37
sf_241129.wqueues_totals_slot_utilization_by_minute	: 9.48,9.85 : 9.48 / 9.85 / 9.67 / 9.67 / 0.19
sf_241129.wqueues_totals_slot_utilization_by_second	: 8.35,9.76 : 8.35 / 9.76 / 9.05 / 9.05 / 0.71

Schema ro

The `ro` schema has no version in its name, for it is the master schema, which contains a single view and the minimal set of procedures to control RST installations and privileges.

The version string is a YYMMDD datestamp, which is the release date of the version.

There is one view, to list installed versions;

1. `select * from ro.installed_versions;`

There is a procedure (everything beginning with `sp_` is a stored procedure) to uninstall a version;

1. `ro.sp_uninstall_version('YYMMDD');`.

There are a set of procedures to grant and revoke privileges to or from a version to a group, to public, role, or a user;

1. `ro.sp_grant_version_to_group('YYMMDD');`
2. `ro.sp_grant_version_to_public('YYMMDD');`
3. `ro.sp_grant_version_to_role('YYMMDD');`
4. `ro.sp_grant_version_to_user('YYMMDD');`

There are matching procedures, to revoke privileges;

1. `ro.sp_revoke_version_from_group('YYMMDD');`
2. `ro.sp_revoke_version_from_public('YYMMDD');`
3. `ro.sp_revoke_version_from_role('YYMMDD');`
4. `ro.sp_revoke_version_from_user('YYMMDD');`

Additionally, there is also the concept of the versionless `sf` schema.

Where the schema names contain their version string, they are long. There has to be a unique identifier in the schema names so multiple versions can be concurrently installed, and so we have to bear this cross when it comes to scripting and use the long name of the `lf` schema, but the `sf` schema is intended for direct human use in an SQL client. The long schema name is a fundamental problem.

To address this, a versionless schema `sf` can be created, and it contains views which simply `select *` from every matching view in a versioned `sf` schema.

To create the versionless `sf` schema, call;

1. `call ro.sp_create_versionless_sf_schema_pointed_at_version('YYMMDD');`

To cascade drop the versionless `sf` schema, call;

1. `call ro.sp_drop_versionless_sf_schema();`

To manage privileges, the following procedures;

1. `ro.sp_grant_versionless_sf_schema_to_group('YYMMDD');`
2. `ro.sp_grant_versionless_sf_schema_to_public('YYMMDD');`
3. `ro.sp_grant_versionless_sf_schema_to_role('YYMMDD');`
4. `ro.sp_grant_versionless_sf_schema_to_user('YYMMDD');`
5. `ro.sp_revoke_versionless_sf_schema_from_group('YYMMDD');`
6. `ro.sp_revoke_versionless_sf_schema_from_public('YYMMDD');`
7. `ro.sp_revoke_versionless_sf_schema_from_role('YYMMDD');`
8. `ro.sp_revoke_versionless_sf_schema_from_user('YYMMDD');`

If you want to change where the versionless `sf` schema points, the schema must first be dropped, then created again, then privileges re-granted.

This is because it is practically certain that the prototype for at least some RST views will differ between releases, which will cause `create` or `replace view` to fail.

You can check what privileges have been granted by using the views which ship in the replacement system tables, for example like so;

1. `select distinct group, substring(sschema from 5) as version from sf.groups_privileges where sschema ilike 'base_%';`
2. `select distinct user, substring(sschema from 5) as version from sf.users_privileges where sschema ilike 'base_%';`
3. `select distinct sschema, substring(sschema from 5) as version from sf.public_privileges where sschema ilike 'base_%';`

(You could use a regex here to some effect, where `regexp_instr(schema_name, '^(base|lf|sf)_[0-9]{6}$') != 0`, but I wanted to keep the SQL straightforward.)

I've not yet published views for roles, so no query yet to examine grants to roles.

`ro.installed_versions`

Description

Columns

column	data type
<code>vversion</code>	<code>varchar</code>

Column Descriptions

`vversion`

`ro.sp_create_versionless_sf_schema_pointed_at_version`

Description

Arguments

argument	data type
version	varchar(6)

Argument Descriptions

version

`ro.sp_drop_versionless_sf_schema`

Description

Arguments

No arguments.

ro.sp_grant_version_to_group

Description

Arguments

argument	data type
version	varchar(6)
group_name	varchar(127)

Argument Descriptions

version

group_name

`ro.sp_grant_version_to_public`

Description

Arguments

argument	data type
version	varchar(6)

Argument Descriptions

version

`ro.sp_grant_version_to_role`

Description

Arguments

argument	data type
<code>version</code>	<code>varchar(6)</code>
<code>role_name</code>	<code>varchar(127)</code>

Argument Descriptions

`version`

`role_name`

`ro.sp_grant_version_to_user`

Description

Arguments

argument	data type
<code>version</code>	<code>varchar(6)</code>
<code>user_name</code>	<code>varchar(127)</code>

Argument Descriptions

`version`

`user_name`

`ro.sp_grant_versionless_sf_schema_to_group`

Description

Arguments

argument	data type
<code>group_name</code>	<code>varchar(127)</code>

Argument Descriptions

`group_name`

`ro.sp_grant_versionless_sf_schema_to_public`

Description

Arguments

No arguments.

ro.sp_grant_versionless_sf_schema_to_role

Description

Arguments

argument	data type
role_name	varchar(127)

Argument Descriptions

role_name

`ro.sp_grant_versionless_sf_schema_to_user`

Description

Arguments

argument	data type
<code>user_name</code>	<code>varchar(127)</code>

Argument Descriptions

`user_name`

ro.sp_revoke_version_from_group

Description

Arguments

argument	data type
version	varchar(6)
group_name	varchar(127)

Argument Descriptions

version

group_name

`ro.sp_revoke_version_from_public`

Description

Arguments

argument	data type
version	varchar(6)

Argument Descriptions

version

ro.sp_revoke_version_from_role

Description

Arguments

argument	data type
version	varchar(6)
role_name	varchar(127)

Argument Descriptions

version

role_name

`ro.sp_revoke_version_from_user`

Description

Arguments

argument	data type
<code>version</code>	<code>varchar(6)</code>
<code>user_name</code>	<code>varchar(127)</code>

Argument Descriptions

`version`

`user_name`

`ro.sp_revoke_versionless_sf_schema_from_group`

Description

Arguments

argument	data type
<code>group_name</code>	<code>varchar(127)</code>

Argument Descriptions

`group_name`

`ro.sp_revoke_versionless_sf_schema_from_public`

Description

Arguments

No arguments.


```
## ro.sp_revoke_versionless_sf_schema_from_role
```

Description

Arguments

argument	data type
role_name	varchar(127)

Argument Descriptions

role_name

`ro.sp_revoke_versionless_sf_schema_from_user`

Description

Arguments

argument	data type
<code>user_name</code>	<code>varchar(127)</code>

Argument Descriptions

`user_name`

ro.sp_uninstall_version

Description

Arguments

argument	data type
version	varchar(6)

Argument Descriptions

version

Analyze

These views provide information about the `ANALYZE` command.

Firstly, there's information about the table statistics state - good, stale or missing - for the cluster as a whole, or by schema.

(This information is provided on a per-table basis by the `ttable` views.)

Secondly, there are counts of how many `ANALYZE` commands, and of what type, were issued, with various `_for` types - database, table, user, etc.

lf_241129.analyze_totals_for_all_by_all

Description

Columns

column	data type
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_database_by_all

Description

Columns

column	data type
database_name	varchar
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

database_name

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_database_by_day

Description

Columns

column	data type
database_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

database_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_database_by_hour

Description

Columns

column	data type
database_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

database_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_database_by_minute

Description

Columns

column	data type
database_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

database_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_database_by_second

Description

Columns

column	data type
database_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

database_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_tables_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

schema_id

schema_name

table_id

table_name

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_tables_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_tables_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_tables_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_tables_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

user_id

user_name

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

user_id

user_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

user_id

user_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

user_id

user_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_full_analyze	int4
number_manual_predictatecolumn_analyze	int4
number_manual_skipped_analyze	int4
number_automatic_full_analyze	int4
number_automatic_predictatecolumn_analyze	int4
number_automatic_skipped_analyze	int4
number_autoanalyze_full_analyze	int4
number_autoanalyze_predictatecolumn_analyze	int4
number_autoanalyze_skipped_analyze	int4
number_total_full_analyze	int4
number_total_predictatecolumn_analyze	int4
number_total_skipped_analyze	int4

Column Descriptions

user_id

user_name

start_ts

number_manual_full_analyze

number_manual_predictatecolumn_analyze

number_manual_skipped_analyze

number_automatic_full_analyze

number_automatic_predictatecolumn_analyze

number_automatic_skipped_analyze

number_autoanalyze_full_analyze

number_autoanalyze_predictatecolumn_analyze

number_autoanalyze_skipped_analyze

number_total_full_analyze

number_total_predictatecolumn_analyze

number_total_skipped_analyze

lf_241129.analyze_totals_status_for_all

Description

Columns

column	data type
number_good_stats	int4
number_stale_stats	int4
number_missing_stats	int4
number_total_stats	int4

Column Descriptions

number_good_stats

number_stale_stats

number_missing_stats

number_total_stats

lf_241129.analyze_totals_status_for_schema

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
number_good_stats	int4
number_stale_stats	int4
number_missing_stats	int4
number_total_stats	int4

Column Descriptions

schema_id

schema_name

number_good_stats

number_stale_stats

number_missing_stats

number_total_stats

`sf_241129.analyze_totals_for_all_by_all`

Description

Columns

column	data type
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_all_by_day

Description

Columns

column	data type
start_ts	date
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

start_ts

manual

automatic

autoanalyze

total

`sf_241129.analyze_totals_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>manual</code>	varchar
<code>automatic</code>	varchar
<code>autoanalyze</code>	varchar
<code>total</code>	varchar

Column Descriptions

`start_ts`

`manual`

`automatic`

`autoanalyze`

`total`

`sf_241129.analyze_totals_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>manual</code>	varchar
<code>automatic</code>	varchar
<code>autoanalyze</code>	varchar
<code>total</code>	varchar

Column Descriptions

`start_ts`

`manual`

`automatic`

`autoanalyze`

`total`

sf_241129.analyze_totals_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_database_by_all

Description

Columns

column	data type
dbname	varchar
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

dbname

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_database_by_day

Description

Columns

column	data type
dbname	varchar
start_ts	date
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

dbname

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_database_by_hour

Description

Columns

column	data type
dbname	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

dbname

start_ts

manual

automatic

autoanalyze

total

`sf_241129.analyze_totals_for_database_by_minute`

Description

Columns

column	data type
<code>dbname</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>manual</code>	<code>varchar</code>
<code>automatic</code>	<code>varchar</code>
<code>autoanalyze</code>	<code>varchar</code>
<code>total</code>	<code>varchar</code>

Column Descriptions

`dbname`

`start_ts`

`manual`

`automatic`

`autoanalyze`

`total`

`sf_241129.analyze_totals_for_database_by_second`

Description

Columns

column	data type
<code>dbname</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>manual</code>	<code>varchar</code>
<code>automatic</code>	<code>varchar</code>
<code>autoanalyze</code>	<code>varchar</code>
<code>total</code>	<code>varchar</code>

Column Descriptions

`dbname`

`start_ts`

`manual`

`automatic`

`autoanalyze`

`total`

sf_241129.analyze_totals_for_tables_by_all

Description

Columns

column	data type
sschema	varchar
ttable	varchar
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

sschema

ttable

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_tables_by_day

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	date
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

sschema

ttable

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_tables_by_hour

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

sschema

ttable

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_tables_by_minute

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

sschema

ttable

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_tables_by_second

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

sschema

ttable

start_ts

manual

automatic

autoanalyze

total

`sf_241129.analyze_totals_for_users_by_all`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>manual</code>	<code>varchar</code>
<code>automatic</code>	<code>varchar</code>
<code>autoanalyze</code>	<code>varchar</code>
<code>total</code>	<code>varchar</code>

Column Descriptions

`uuser`

`manual`

`automatic`

`autoanalyze`

`total`

sf_241129.analyze_totals_for_users_by_day

Description

Columns

column	data type
uuser	varchar
start_ts	date
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

uuser

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

uuser

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_users_by_minute

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

uuser

start_ts

manual

automatic

autoanalyze

total

sf_241129.analyze_totals_for_users_by_second

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
automatic	varchar
autoanalyze	varchar
total	varchar

Column Descriptions

uuser

start_ts

manual

automatic

autoanalyze

total

`sf_241129.analyze_totals_status_for_all`

Description

Columns

column	data type
good	int4
stale	int4
missing	int4
total	int4

Column Descriptions

good

stale

missing

total

sf_241129.analyze_totals_status_for_schema

Description

Columns

column	data type
sschema	varchar
good	int4
stale	int4
missing	int4
total	int4

Column Descriptions

sschema

good

stale

missing

total

Batches

Batches is the short name for *commit batches*.

When `commit` is issued, the transaction does not necessarily immediately to commit. Rather, Redshift groups up transactions which have issued `commit` into *commit batches*, and that group - batch - of transactions is committed as a whole.

The `batch` views provide information about commit batches.

Just remember on a busy system there's a long delay, after the final time for the batch, until the commits actually return to the user, with that delay not recorded anywhere in the system tables.

lf_241129.batches

Description

Columns

column	data type
batch_id	int8
batch_startqueue	timestamp
batch_leader_startwork	timestamp
batch_worker_startwork	timestamp
batch_endlocal	timestamp
batch_worker_startglobal	timestamp
batch_leader_endtime	timestamp
batch_worker_endtime	timestamp
batch_endtime	timestamp
batch_queue_duration	interval
batch_worker_local_duration	interval
batch_worker_global_duration	interval
batch_worker_total_duration	interval
batch_worker_duration	interval
batch_leader_and_worker_local_duration	interval
batch_leader_duration	interval
batch_exec_duration	interval
batch_total_duration	interval
number_batch_blocks	int8
number_batch_headers	int8
number_batch_transactions	int8

Column Descriptions

batch_id

batch_startqueue

batch_leader_startwork

batch_worker_startwork

batch_endlocal

batch_worker_startglobal

batch_leader_endtime

batch_worker_endtime

batch_endtime

batch_queue_duration

batch_worker_local_duration

batch_worker_global_duration

batch_worker_total_duration

batch_worker_duration

batch_leader_and_worker_local_duration

batch_leader_duration

batch_exec_duration

batch_total_duration

number_batch_blocks

number_batch_headers

number_batch_transactions

sf_241129.batches

Description

Columns

column	data type
bid	int8
start_ts	timestamp
end_ts	timestamp
queue	numeric
leader	numeric
worker	numeric
exec	numeric
blks	int8
hdrs	int8
xids	int8

Column Descriptions

bid

start_ts

end_ts

queue

leader

worker

exec

blks

hdrs

xids

Blocks

All I/O in Redshift is in one megabyte blocks, known as `blocks` for short.

As such, all disk I/O is in blocks, and so if for example a single row is written to a table, then one block is written to every column in that table, on the slice the row goes to.

Disk use then is measured in blocks, and these views provide information on the number of blocks in use, as well as providing counts of the numbers of rows that exist, on various `_for` types, such as node, slice, schema and so on.

lf_241129.blocks_rows_totals_for_cluster

Description

Columns

column	data type
number_nodes	int2
number_partial_slices	int2
number_full_slices	int2
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

number_nodes

number_partial_slices

number_full_slices

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_node

Description

Columns

column	data type
node_ordinal	int2
number_partial_slices	int2
number_full_slices	int2
number_total_slices	int2
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

node_ordinal

number_partial_slices

number_full_slices

number_total_slices

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_schema

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_slice

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_table

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
table_sort_type	varchar
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

table_sort_type

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_tables_by_node

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
table_distribution_type	varchar
table_distribution_auto_flag	bool
node_ordinal	int2
number_sorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

table_distribution_type

table_distribution_auto_flag

node_ordinal

number_sorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_tables_by_slice

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
table_distribution_type	varchar
table_distribution_auto_flag	bool
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
number_sorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

table_distribution_type

table_distribution_auto_flag

node_ordinal

slice_ordinal

slice_type

number_sorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_rows_totals_for_user

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

user_id

user_name

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.blocks_totals_for_tables_by_column

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_ordinal	int2
column_name	varchar
number_sorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

column_ordinal

column_name

number_sorted_blocks

number_unsorted_blocks

number_total_blocks

sf_241129.blocks_rows_totals_for_cluster

Description

Columns

column	data type
nodes	int2
partial_slices	int2
full_slices	varchar
sblks	varchar
dsblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
dsrows	varchar
urows	varchar
trows	varchar

Column Descriptions

nodes

partial_slices

full_slices

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

`sf_241129.blocks_rows_totals_for_node`

Description

Columns

column	data type
node	int2
slices	varchar
sblks	varchar
dsblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
dsrows	varchar
urows	varchar
trows	varchar

Column Descriptions

node

slices

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

sf_241129.blocks_rows_totals_for_schema

Description

Columns

column	data type
sschema	varchar
sblks	varchar
sdblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
sdrops	varchar
urows	varchar
trows	varchar

Column Descriptions

sschema

sblks

sdblks

ublks

tblks

srows

sdrops

urows

trows

`sf_241129.blocks_rows_totals_for_slice`

Description

Columns

column	data type
node	int2
slice	int2
ttype	varchar
sblks	varchar
dsblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
dsrows	varchar
urows	varchar
trows	varchar

Column Descriptions

node

slice

ttype

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

`sf_241129.blocks_rows_totals_for_table`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
sblks	varchar
dsblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
dsrows	varchar
urows	varchar
trows	varchar

Column Descriptions

sschema

ttable

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

sf_241129.blocks_rows_totals_for_tables_by_node

Description

Columns

column	data type
sschema	vvarchar
ttable	vvarchar
dist	vvarchar
a	vvarchar
n	int2
sblks	vvarchar
ublks	vvarchar
tblks	vvarchar
srows	vvarchar
urows	vvarchar
trows	vvarchar

Column Descriptions

sschema

ttable

dist

a

n

sblks

ublks

tblks

srows

urows

trows

sf_241129.blocks_rows_totals_for_tables_by_slice

Description

Columns

column	data type
sschema	vvarchar
ttable	vvarchar
dist	vvarchar
a	vvarchar
n	int2
s	int2
t	vvarchar
sblks	vvarchar
ublks	vvarchar
tblks	vvarchar
srows	vvarchar
urows	vvarchar
trows	vvarchar

Column Descriptions

sschema

ttable

dist

a

n

s

t

sblks

ublks

tblks

srows

urows

trows

sf_241129.blocks_rows_totals_for_user

Description

Columns

column	data type
uuser	varchar
sblks	varchar
dsblks	varchar
ublks	varchar
tblks	varchar
srows	varchar
dsrows	varchar
urows	varchar
trows	varchar

Column Descriptions

uuser

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

sf_241129.blocks_totals_for_tables_by_column

Description

Columns

column	data type
sschema	vchar
ttable	vchar
ccolumn	vchar
sblks	vchar
ublks	vchar
tblks	vchar

Column Descriptions

sschema

ttable

ccolumn

sblks

ublks

tblks

Ddatabases

This set of views provides information about the databases in the cluster.

The first letter of `ddatabases` is doubled as this is a reserved word and as such cannot be tab completed in `psql`.

lf_241129.ddatabases

Description

Columns

column	data type
database_id	int4
database_name	varchar
user_id	int4
user_name	varchar
isolation_method	varchar

Column Descriptions

database_id

database_name

user_id

user_name

isolation_method

sf_241129.ddatabases

Description

Columns

column	data type
database_name	varchar
user_name	varchar
iisolation	varchar

Column Descriptions

database_name

user_name

iisolation

Docs

This section contains the documentation for each function, procedure and view (but not yet tables).

Use `sf.docs` to read the doc page for a given object, like so;

```
select * from sf.docs where sschema = '[schema_name]' and oobject = [object_name];'
```

sf_241129.docs

Description

Columns

column	data type
sschema	varchar
oobject	varchar
ttype	varchar
doc	varchar

Column Descriptions

sschema

oobject

ttype

doc

Ffunctions

This set of views provides information about functions in the cluster.

The first letter of `functions` is doubled as this is a reserved word and as such cannot be tab completed in `psql`.

Note that the long-form view `lf.ffunctions` show information about all functions in the cluster, where-as the short-form view excludes information about functions owned by user `rdsdb`.

There are untold thousands of functions owned by `rdsdb`, all the function you find in SQL, such as `count()`, `min()` and `max()`, with all their overloaded variants, where in the normal course of things my expectation is that users are interested only in the functions they themselves have defined.

lf_241129.ffunctions

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
language_id	int4
language_name	varchar
user_id	int4
user_name	varchar
function_volatility	varchar
function_return_data_type_id	int4
function_return_data_type_name	varchar
function_id	int4
function_name	varchar
function_arguments_base_data_type_ids	varchar
function_arguments_base_data_type_names	varchar

Column Descriptions

schema_id

schema_name

language_id

language_name

user_id

user_name

function_volatility

function_return_data_type_id

function_return_data_type_name

function_id

function_name

function_arguments_base_data_type_ids

function_arguments_base_data_type_names

lf_241129.ffunctions_text

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
function_id	int4
function_name	varchar
function_text	varchar

Column Descriptions

schema_id

schema_name

function_id

function_name

function_text

sf_241129.ffunctions

Description

Columns

column	data type
sschema	varchar
ttype	varchar
uuser	varchar
vol	bpchar
rreturn	varchar
nname	varchar
args	varchar

Column Descriptions

sschema

ttype

uuser

vol

rreturn

nname

args

`sf_241129.ffunctions_text`

Description

Columns

column	data type
<code>fid</code>	<code>int4</code>
<code>ttext</code>	<code>varchar</code>

Column Descriptions

`fid`

`ttext`

Fixed

These views are a veneer over the Redshift system tables, to providing consist column naming, correct flaws, inappropriate data type choices, and so on.

This work is best done in a veneer, otherwise it has to be repeated in every view using the Redshift system tables.

base_241129.fixed_pg_attribute

Description

Columns

column	data type
object_id	int4
column_name	varchar
column_ordinal	int2
atttypmod	int4
column_notnull_flag	bool

Column Descriptions

object_id

column_name

column_ordinal

atttypmod

column_notnull_flag

base_241129.fixed_pg_attribute_for_tables

Description

Columns

column	data type
table_id	int4
column_name	varchar
column_ordinal	int2
atttypmod	int4
column_notnull_flag	bool

Column Descriptions

table_id

column_name

column_ordinal

atttypmod

column_notnull_flag

base_241129.fixed_pg_attribute_for_views

Description

Columns

column	data type
view_id	int4
column_name	varchar
column_ordinal	int2
atttypmod	int4
column_notnull_flag	bool

Column Descriptions

view_id

column_name

column_ordinal

atttypmod

column_notnull_flag

base_241129.fixed_pg_class

Description

Columns

column	data type
object_id	int4
object_name	varchar
schema_id	int4
user_id	int4
relnatts	int2
relkind	bpchar

Column Descriptions

object_id

object_name

schema_id

user_id

relnatts

relkind

base_241129.fixed_pg_class_for_tables

Description

Columns

column	data type
table_id	int4
table_name	varchar
schema_id	int4
user_id	int4
relnatts	int2

Column Descriptions

table_id

table_name

schema_id

user_id

relnatts

base_241129.fixed_pg_class_for_views

Description

Columns

column	data type
view_id	int4
view_name	varchar
schema_id	int4
user_id	int4
relnatts	int2

Column Descriptions

view_id

view_name

schema_id

user_id

relnatts

`base_241129.fixed_pg_get_late_binding_view_cols`

Description

Columns

column	data type
attnum	int2
attname	varchar
attrelid	int4
atttypmod	int4
atttypid	int4

Column Descriptions

`attnum`

`attname`

`attrelid`

`atttypmod`

`atttypid`

base_241129.fixed_pg_group

Description

Columns

column	data type
group_id	int4
group_name	varchar

Column Descriptions

group_id

group_name

base_241129.fixed_pg_language

Description

Columns

column	data type
language_id	int4
language_name	varchar
user_id	int4

Column Descriptions

language_id

language_name

user_id

`base_241129.fixed_pg_namespace`

Description

Columns

column	data type
<code>schema_id</code>	<code>int4</code>
<code>schema_name</code>	<code>varchar</code>
<code>user_id</code>	<code>int4</code>

Column Descriptions

`schema_id`

`schema_name`

`user_id`

base_241129.fixed_pg_proc

Description

Columns

column	data type
object_id	int4
object_name	varchar
schema_id	int4
user_id	int4
language_id	int4
language_name	varchar
provolatile	bpchar
prorettype	oid
proretset	bool
prosrc	text
proargtypes	oidvector

Column Descriptions

object_id

object_name

schema_id

user_id

language_id

language_name

provolatile

prorettype

proretset

prosrc

proargtypes

base_241129.fixed_pg_proc_for_functions

Description

Columns

column	data type
function_id	int4
function_name	varchar
schema_id	int4
user_id	int4
language_id	int4
language_name	varchar
provolatile	bpchar
prorettype	oid
proretset	bool
function_text	text
proargtypes	oidvector

Column Descriptions

function_id

function_name

schema_id

user_id

language_id

language_name

provolatile

prorettype

proretset

function_text

proargtypes

base_241129.fixed_pg_proc_for_procedures

Description

Columns

column	data type
procedure_id	int4
procedure_name	varchar
schema_id	int4
user_id	int4
language_id	int4
language_name	varchar
procedure_text	text
proargtypes	oidvector

Column Descriptions

procedure_id

procedure_name

schema_id

user_id

language_id

language_name

procedure_text

proargtypes

base_241129.fixed_pg_user

Description

Columns

column	data type
user_id	int4
user_name	varchar

Column Descriptions

user_id

user_name

`base_241129.fixed_stl_commit_stats`

Description

Columns

column	data type
batch_id	int8
transaction_id	int8
node_ordinal	int2
startqueue	timestamp
startwork	timestamp
endflush	timestamp
endstage	timestamp
endlocal	timestamp
startglobal	timestamp
endtime	timestamp
newblocks	int8
dirtyblocks	int8
headers	int8

Column Descriptions

batch_id

transaction_id

node_ordinal

startqueue

startwork

endflush

endstage

endlocal

startglobal

endtime

newblocks

dirtyblocks

headers

base_241129.fixed_stl_ddltext

Description

Columns

column	data type
user_id	int4
transaction_id	int8
session_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
sequence	int4
query_text	varchar
query_queue_duration	interval
query_wlm_duration	interval
query_compile_exec_duration	interval
query_total_duration	interval

Column Descriptions

user_id

transaction_id

session_id

queue_id

query_start_ts

query_end_ts

sequence

query_text

query_queue_duration

query_wlm_duration

query_compile_exec_duration

query_total_duration

base_241129.fixed_stl_load_errors

Description

Columns

column	data type
column_name	varchar
reason	varchar
file_name	varchar
line_number	int8
query_id	int4
field_value	varchar
slice_ordinal	int2
event_ts	timestamp
table_id	int4
column_full_data_type_name	varchar
user_id	int4

Column Descriptions

column_name

reason

file_name

line_number

query_id

field_value

slice_ordinal

event_ts

table_id

column_full_data_type_name

user_id

base_241129.fixed_stl_query

Description

Columns

column	data type
query_abort_flag	bool
query_csc_flag	bool
database_partial_name	varchar
query_end_ts	timestamp
session_id	int4
query_id	int4
query_text	varchar
query_start_ts	timestamp
user_id	int4
transaction_id	int8
query_total_duration	interval

Column Descriptions

query_abort_flag

query_csc_flag

database_partial_name

query_end_ts

session_id

query_id

query_text

query_start_ts

user_id

transaction_id

query_total_duration

base_241129.fixed_stl_query_metrics

Description

Columns

column	data type
query_number_blocks_read	int8
query_number_blocks_to_disk	int8
query_cpu_time	int8
query_id	int4
query_number_rows	int8
queue_id	int2
query_start_ts	timestamp
user_id	int4

Column Descriptions

query_number_blocks_read

query_number_blocks_to_disk

query_cpu_time

query_id

query_number_rows

queue_id

query_start_ts

user_id

base_241129.fixed_stl_querytext

Description

Columns

column	data type
user_id	int4
transaction_id	int8
session_id	int4
query_id	int4
sequence	int4
query_text	varchar

Column Descriptions

user_id

transaction_id

session_id

query_id

sequence

query_text

base_241129.fixed_stl_scan

Description

Columns

column	data type
user_id	int4
query_id	int4
slice_ordinal	int2
segment_ordinal	int2
step_ordinal	int2
scan_start_ts	timestamp
scan_end_ts	timestamp
tasknum	int4
rows	int8
bytes	int8
fetches	int8
type	int4
table_id	int4
is_rrscan	bpchar
is_delayed_scan	bpchar
rows_pre_filter	int8
rows_pre_user_filter	int8
perm_table_name	bpchar
is_rlf_scan	bpchar
is_rlf_scan_reason	int4
num_em_blocks	int4
checksum	int8
runtime_filtering	bpchar
scan_region	int4
num_sortkey_as_predicate	int4
row_fetcher_state	int8
consumed_scan_ranges	int8

column	data type
work_stealing_reason	int8
is_vectorized_scan	bpchar
is_vectorized_scan_reason	int4
row_fetcher_reason	int8
topology_signature	int8
use_tpm_partition	bpchar
is_rrscan_expr	bpchar
use_fwd_mtx_opt	bpchar
scanned_mega_value	bpchar

Column Descriptions

user_id
query_id
slice_ordinal
segment_ordinal
step_ordinal
scan_start_ts
scan_end_ts
tasknum
rows
bytes
fetches
type
table_id
is_rrscan
is_delayed_scan
rows_pre_filter
rows_pre_user_filter
perm_table_name
is_rlf_scan
is_rlf_scan_reason
num_em_blocks
checksum
runtime_filtering
scan_region
num_sortkey_as_predicate
row_fetcher_state
consumed_scan_ranges
work_stealing_reason

base_241129.fixed_stl_utilitytext

Description

Columns

column	data type
user_id	int4
transaction_id	int8
session_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
sequence	int4
query_text	varchar
query_queue_duration	interval
query_wlm_duration	interval
query_compile_exec_duration	interval
query_total_duration	interval

Column Descriptions

user_id

transaction_id

session_id

queue_id

query_start_ts

query_end_ts

sequence

query_text

query_queue_duration

query_wlm_duration

query_compile_exec_duration

query_total_duration

base_241129.fixed_stl_vacuum_detail

Description

Columns

column	data type
compact	int4
empty_space_size	int8
end_row	int8
insufficient_local_blk_cnt	int4
local_block_count	int8
local_to_total_ratio	float8
num_blocks_replaced	int8
num_deleted_rows	int8
num_new_blocks	int8
num_new_rows	int8
part	int4
session_id	int4
query_id	int4
slice_ordinal	int2
start_row	int8
table_id	int4
table_partition_number	int4
total_block_io_estimate	int8
user_id	int4
window_num	int4
transaction_id	int8

Column Descriptions

compact

empty_space_size

end_row

insufficient_local_blk_cnt

local_block_count

local_to_total_ratio

num_blocks_replaced

num_deleted_rows

num_new_blocks

num_new_rows

part

session_id

query_id

slice_ordinal

start_row

table_id

table_partition_number

total_block_io_estimate

user_id

window_num

transaction_id

base_241129.fixed_stl_wlm_query

Description

Columns

column	data type
query_compile_exec_end_ts	timestamp
query_compile_exec_start_ts	timestamp
final_state	bpchar
query_id	int4
query_queue_end_ts	timestamp
query_queue_start_ts	timestamp
queue_id	int2
query_wlm_end_ts	timestamp
query_wlm_start_ts	timestamp
slot_count	int2
task_id	int4
user_id	int4
transaction_id	int8
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval

Column Descriptions

query_compile_exec_end_ts

query_compile_exec_start_ts

final_state

query_id

query_queue_end_ts

query_queue_start_ts

queue_id

query_wlm_end_ts

query_wlm_start_ts

slot_count

task_id

user_id

transaction_id

query_queue_duration

query_compile_exec_duration

query_wlm_duration

base_241129.fixed_stl_wlm_rule_action

Description

Columns

column	data type
action	varchar
rule_action	varchar
query_id	int4
event_ts	timestamp
rule_name	varchar
queue_id	int2
user_id	int4

Column Descriptions

action

rule_action

query_id

event_ts

rule_name

queue_id

user_id

base_241129.fixed_stv_blocklist

Description

Columns

column	data type
slice_ordinal	int2
column_ordinal	int2
table_id	int4
block_ordinal	int4
block_number_values	int4
block_min_value	int8
block_max_value	int8
block_sorted_flag	bool

Column Descriptions

slice_ordinal

column_ordinal

table_id

block_ordinal

block_number_values

block_min_value

block_max_value

block_sorted_flag

base_241129.fixed_stv_inflight

Description

Columns

column	data type
csc_flag	bool
label	varchar
session_id	int4
query_id	int4
slice_ordinal	int2
query_start_ts	timestamp
text	varchar
user_id	int4
transaction_id	int8

Column Descriptions

csc_flag

label

session_id

query_id

slice_ordinal

query_start_ts

text

user_id

transaction_id

base_241129.fixed_stv_query_metrics

Description

Columns

column	data type
query_number_blocks_read	int8
query_number_blocks_to_disk	int8
query_cpu_time	int8
query_id	int4
query_number_rows	int8
queue_id	int2
query_start_ts	timestamp
user_id	int4

Column Descriptions

query_number_blocks_read

query_number_blocks_to_disk

query_cpu_time

query_id

query_number_rows

queue_id

query_start_ts

user_id

base_241129.fixed_stv_slices

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar

Column Descriptions

node_ordinal

slice_ordinal

slice_type

base_241129.fixed_stv_wlm_classification_config

Description

Columns

column	data type
action	varchar
action_seq	int2
queue_id	int2
condition	varchar
id	int2

Column Descriptions

action

action_seq

queue_id

condition

id

base_241129.fixed_stv_wlm_qmr_config

Description

Columns

column	data type
rule_action	varchar
action_value	varchar
metric_name	varchar
metric_operator	varchar
metric_value	float8
rule_name	varchar
queue_id	int2

Column Descriptions

rule_action

action_value

metric_name

metric_operator

metric_value

rule_name

queue_id

base_241129.fixed_stv_wlm_query_state

Description

Columns

column	data type
exec_time	int8
query_id	int4
query_priority	varchar
queue_time	int8
queue_id	int2
query_slot_count	int2
query_state	varchar
task_id	int4
wlm_start_time	timestamp
transaction_id	int8

Column Descriptions

exec_time

query_id

query_priority

queue_time

queue_id

query_slot_count

query_state

task_id

wlm_start_time

transaction_id

base_241129.fixed_stv_wlm_service_class_config

Description

Columns

column	data type
queue_csc_flag	bool
max_execution_time	int4
queue_name	varchar
num_query_tasks	int2
query_group_wildcard_flag	bool
query_working_mem	int4
queue_id	int2
user_group_wildcard_flag	bool
user_role_wildcard_flag	bool

Column Descriptions

queue_csc_flag

max_execution_time

queue_name

num_query_tasks

query_group_wildcard_flag

query_working_mem

queue_id

user_group_wildcard_flag

user_role_wildcard_flag

base_241129.fixed_stv_wlm_service_class_state

Description

Columns

column	data type
num_concurrency_scaling_queries	int4
num_evicted_queries	int4
num_executed_queries	int4
num_executing_queries	int4
num_queued_queries	int4
num_serviced_queries	int4
queue_id	int2

Column Descriptions

num_concurrency_scaling_queries

num_evicted_queries

num_executed_queries

num_executing_queries

num_queued_queries

num_serviced_queries

queue_id

base_241129.fixed_svl_compile

Description

Columns

column	data type
compile_flag	bool
segment_compile_end_ts	timestamp
session_id	int4
query_id	int4
segment_ordinal	int2
segment_compile_start_ts	timestamp
user_id	int4
transaction_id	int8
segment_compile_duration	interval

Column Descriptions

compile_flag

segment_compile_end_ts

session_id

query_id

segment_ordinal

segment_compile_start_ts

user_id

transaction_id

segment_compile_duration

Generate

These four views are utility views which efficiently (from a table of pre-existing numbers) generate a number range used for days, hours, minutes and seconds.

Originally these were views, and self-joined what to begin with was a small set of `union all` rows, but this turned out to be extremely slow. If you're going to do this, you have to do it from a table.

base_241129.generate_days

Description

Columns

column	data type
start_ts	timestamp

Column Descriptions

start_ts

base_241129.generate_hours

Description

Columns

<u>column</u>	<u>data type</u>
start_ts	timestamp

Column Descriptions

start_ts

base_241129.generate_minutes

Description

Columns

column	data type
start_ts	timestamp

Column Descriptions

start_ts

base_241129.generate_seconds

Description

Columns

column	data type
start_ts	timestamp

Column Descriptions

start_ts

Groups

These views provide - limited - information about groups.

The reason information is limited is due to the fundamental design of Redshift; there is a leader node, which is Postgres 8 plus a lot of additional functionality to control worker nodes, and worker nodes, which are a completely new code base, complete but to my eye fairly minimal. Nowhere near as evolved and fully-featured as Postgres is, even back at version 8.

The design issue is that the leader node supports a wide range of functionality unavailable on the worker nodes, where queries by default run on the leader node only, with a query recruiting worker nodes only if a worker node based resource is needed for the query to run (which typically is a user defined table), but where if a query attempts to use leader node only functionality *and* recruit worker nodes, Redshift will not run that query - you get an error.

In the Redshift system tables holding group information, the information about which users are in groups is stored in an array, arrays are leader node only, and as such it is not possible to join the tables holding information about groups with pretty much any of the system tables containing other information, because those system tables involve the worker nodes.

So you can't, for example, get all the users in a group, and then figure out the sum of blocks of disk used by all those users, and say "the group uses this much disk", because you can't join the tables telling you which users are in a group, to the table telling you which blocks are owned by which user.

lf_241129.groups

Description

Columns

column	data type
group_id	int4
group_name	varchar
group_number_users	int4

Column Descriptions

group_id

group_name

group_number_users

lf_241129.groups_privileges

Description

Columns

column	data type
group_id	int4
group_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
priv_database_create	bool
priv_database_temp	bool
priv_function_execute	bool
priv_language_usage	bool
priv_procedure_execute	bool
priv_schema_create	bool
priv_schema_usage	bool
priv_table_delete	bool
priv_table_drop	bool
priv_table_insert	bool
priv_table_reference	bool
priv_table_select	bool
priv_table_update	bool
priv_view_drop	bool

column	data type
priv_view_select	bool

Column Descriptions

group_id

group_name

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

priv_database_create

priv_database_temp

priv_function_execute

priv_language_usage

priv_procedure_execute

priv_schema_create

priv_schema_usage

priv_table_delete

priv_table_drop

priv_table_insert

priv_table_reference

priv_table_select

priv_table_update

priv_view_drop

priv_view_select

lf_241129.groups_users

Description

Columns

column	data type
group_id	int4
group_name	varchar
user_id	int4
user_name	varchar

Column Descriptions

group_id

group_name

user_id

user_name

sf_241129.groups

Description

Columns

column	data type
ggroup	varchar
users	int4

Column Descriptions

ggroup

users

sf_241129.groups_privileges

Description

Columns

column	data type
ggroup	varchar
ttype	varchar
sschema	varchar
object	varchar
rt	varchar
args	varchar
owner	varchar
privs	varchar

Column Descriptions

ggroup

ttype

sschema

object

rt

args

owner

privs

sf_241129.groups_users

Description

Columns

column	data type
group_name	varchar
user_name	varchar

Column Descriptions

group_name

user_name

Hr

Here, `hr` stands for `human-readable`.

This section contains and only contains three functions, which are used to convert numbers (of blocks, bytes, and plain numbers) into human-readable forms, with units such as `mb`, `kb`, `k`, `m`, and so on.

base_241129.hr_blks

Description

Returns

varchar

Arguments

argument	data type
blocks	int8

Argument Descriptions

blocks

base_241129.hr_bytes

Description

Returns

varchar

Arguments

argument	data type
bytes	int8

Argument Descriptions

bytes

base_241129.hr_number

Description

Returns

varchar

Arguments

argument	data type
number	int8

Argument Descriptions

number

Locks

This section contains views providing information about locks.

Note that Redshift provide information only for *existing* locks; there is no historical information.

lf_241129.locks

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
duration	interval
lock_type	varchar
lock_state	varchar
session_id	int4
transaction_id	int8
user_id	int4
user_name	varchar
query_text	varchar

Column Descriptions

schema_id

schema_name

table_id

table_name

duration

lock_type

lock_state

session_id

transaction_id

user_id

user_name

query_text

sf_241129.locks_by_table

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
sschema	varchar
ttable	varchar
dur	numeric
ttype	varchar
s	varchar
ttext	varchar

Column Descriptions

uuser

pid

xid

sschema

ttable

dur

ttype

s

ttext

sf_241129.locks_by_transaction

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
sschema	varchar
ttable	varchar
dur	numeric
ttype	varchar
s	varchar
ttext	varchar

Column Descriptions

uuser

pid

xid

sschema

ttable

dur

ttype

s

ttext

Nodes

This section contains views (just the one at the moment) which provides information about nodes.

This one is view is rather important, because it's the only way to see, on **ra3**, how much local disk, and how much RMS, are in use.

(On **ra3.x1plus**, back when I was testing **AQUA**, RMS runs about 25% the speed of local disk, so filling local disk and spilling over to RMS is significant.)

base_241129.nodes

Description

Columns

column	data type
node_ordinal	int2
number_partial_slices	int2
number_full_slices	int2
number_total_slices	int2

Column Descriptions

node_ordinal

number_partial_slices

number_full_slices

number_total_slices

lf_241129.nodes

Description

Columns

column	data type
node_ordinal	int2
number_partial_slices	int2
number_full_slices	int2
number_total_slices	int2
number_local_disks	int2
total_disk_blocks	int8
number_used_local_blocks	int8
number_used_rms_blocks	int8
number_total_blocks_used	int8

Column Descriptions

node_ordinal

number_partial_slices

number_full_slices

number_total_slices

number_local_disks

total_disk_blocks

number_used_local_blocks

number_used_rms_blocks

number_total_blocks_used

sf_241129.nodes

Description

Columns

column	data type
node	int2
slices	varchar
disks	int2
total_blocks	varchar
disk_used	varchar
rms_used	varchar
total_used	varchar

Column Descriptions

node

slices

disks

total_blocks

disk_used

rms_used

total_used

Objects

The term `objects` I use to represent anything in a database which exists in a schema. So we're talking tables, views, functions, procedures, constraints (which do in fact have a name and a schema) and so on.

It does not include users, groups or roles, as these do not exist in schemas, and it also does not include privileges, for the same reason.

So we have an important view, `lf/sf.objects`, which enumerates every object that exists in a schema.

Then we have “totals” type views for many types of objects (tables, views, functions, etc) over various `_for` types.

Finally, we have another important view, `lf/sf.object_dependencies`, which is a recursive view, providing the full list of all dependencies in the database (this requires quite a bit of explanations, which will come in the doc for that view, once it's written.)

lf_241129.objects

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
object_id	int4
object_name	varchar
object_type	varchar
object_user_id	int4
object_user_name	varchar

Column Descriptions

schema_id

schema_name

object_id

object_name

object_type

object_user_id

object_user_name

lf_241129.objects_dependencies

Description

Columns

column	data type
dependency_depth	int2
parent_owner_id	int4
parent_owner_name	varchar
parent_schema_id	int4
parent_schema_name	varchar
parent_object_type	varchar
parent_object_id	int4
parent_object_name	varchar
child_owner_id	int4
child_owner_name	varchar
child_schema_id	int4
child_schema_name	varchar
child_object_type	varchar
child_object_id	int4
child_object_name	varchar

Column Descriptions

dependency_depth

parent_owner_id

parent_owner_name

parent_schema_id

parent_schema_name

parent_object_type

parent_object_id

parent_object_name

child_owner_id

child_owner_name

child_schema_id

child_schema_name

child_object_type

child_object_id

child_object_name

lf_241129.objects_totals_for_all

Description

Columns

column	data type
number_schemas	int2
number_tables	int4
number_table_columns	int4
number_normal_views	int4
number_normal_view_columns	int4
number_late_binding_views	int4
number_materialized_views	int4
number_materialized_view_columns	int4
number_functions	int4
number_procedures	int4

Column Descriptions

number_schemas

number_tables

number_table_columns

number_normal_views

number_normal_view_columns

number_late_binding_views

number_materialized_views

number_materialized_view_columns

number_functions

number_procedures

lf_241129.objects_totals_for_schema

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
number_tables	int4
number_table_columns	int4
number_normal_views	int4
number_normal_view_columns	int4
number_late_binding_views	int4
number_materialized_views	int4
number_materialized_view_columns	int4
number_functions	int4
number_procedures	int4

Column Descriptions

schema_id

schema_name

number_tables

number_table_columns

number_normal_views

number_normal_view_columns

number_late_binding_views

number_materialized_views

number_materialized_view_columns

number_functions

number_procedures

lf_241129.objects_totals_for_user

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_databases	int2
number_schemas	int2
number_tables	int4
number_table_columns	int4
number_normal_views	int4
number_normal_view_columns	int4
number_late_binding_views	int4
number_materialized_views	int4
number_materialized_view_columns	int4
number_functions	int4
number_procedures	int4

Column Descriptions

user_id

user_name

number_databases

number_schemas

number_tables

number_table_columns

number_normal_views

number_normal_view_columns

number_late_binding_views

number_materialized_views

number_materialized_view_columns

number_functions

number_procedures

sf_241129.objects

Description

Columns

column	data type
uuser	varchar
sschema	varchar
oobject	varchar
ttype	varchar

Column Descriptions

uuser

sschema

oobject

ttype

sf_241129.objects_dependencies

Description

Columns

column	data type
ddepth	int2
parent_owner_name	varchar
parent_schema_name	varchar
parent_object_type	varchar
parent_object_name	varchar
child_owner_name	varchar
child_schema_name	varchar
child_object_type	varchar
child_object_name	varchar

Column Descriptions

ddepth

parent_owner_name

parent_schema_name

parent_object_type

parent_object_name

child_owner_name

child_schema_name

child_object_type

child_object_name

sf_241129.objects_totals_for_all

Description

Columns

column	data type
sschemas	int2
ttables	int4
ttables_cols	int4
nviews	int4
nviews_cols	int4
lviews	int4
mviews	int4
mviews_cols	int4
funcs	int4
procs	int4

Column Descriptions

sschemas

ttables

ttables_cols

nviews

nviews_cols

lviews

mviews

mviews_cols

funcs

procs

sf_241129.objects_totals_for_schema

Description

Columns

column	data type
sschema	varchar
ttables	int4
ttables_cols	int4
nviews	int4
nviews_cols	int4
lviews	int4
mviews	int4
mviews_cols	int4
funcs	int4
procs	int4

Column Descriptions

sschema

ttables

ttables_cols

nviews

nviews_cols

lviews

mviews

mviews_cols

funcs

procs

sf_241129.objects_totals_for_user

Description

Columns

column	data type
uuser	varchar
db	int2
sschemas	int2
ttables	int4
ttables_cols	int4
nviews	int4
nviews_cols	int4
lviews	int4
mviews	int4
mviews_cols	int4
funcs	int4
procs	int4

Column Descriptions

uuser

db

sschemas

ttables

ttables_cols

nviews

nviews_cols

lviews

mviews

mviews_cols

funcs

procs

Pprocedures

This set of views provides information about procedures in the cluster.

The first letter of `procedures` is doubled as this is a reserved word and as such cannot be tab completed in `psql`.

lf_241129.pprocedures

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
procid	int4
procname	varchar
argument_base_data_type_ids	varchar
argument_base_data_type_names	varchar
user_id	int4
user_name	varchar
run_as_owner	bool

Column Descriptions

schema_id

schema_name

procid

procname

argument_base_data_type_ids

argument_base_data_type_names

user_id

user_name

run_as_owner

lf_241129.pprocedures_text

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
procedure_id	int4
procedure_name	varchar
procedure_text	varchar

Column Descriptions

schema_id

schema_name

procedure_id

procedure_name

procedure_text

sf_241129.pprocedures

Description

Columns

column	data type
sschema	vvarchar
proc	vvarchar
args	vvarchar
uuser	vvarchar
rao	vvarchar

Column Descriptions

sschema

proc

args

uuser

rao

sf_241129.pprocedures_text

Description

Columns

column	data type
procedure_id	int4
procedure_text	varchar

Column Descriptions

procedure_id

procedure_text

Privileges

Views in this section enumerate privileges.

This is important - for most of its existence, Redshift has no way for people to enumerate privileges; all you could do was issue a function where you asked *does user X have priv Y on object Z*, which was not useful.

There are as you can see three views, one for groups, one for users, one for the group-like object **public**.

Note that the long form views show all privileges, which includes the massive numbers of privileges granted to the group-like object **public** on the Redshift system tables. The short form view for privileges to **public** does not show privileges for objects owned by user **rdsdb**, and so you will be seeing only your own objects and privileges.

base_241129.privileges_all

Description

Columns

column	data type
acl_recipient_type	varchar
acl_recipient_id	int4
acl_recipient_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
acl_privileges	varchar

Column Descriptions

acl_recipient_type

acl_recipient_id

acl_recipient_name

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

acl_privileges

base_241129.privileges_groups

Description

Columns

column	data type
acl_recipient_group_id	int4
acl_recipient_group_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
acl_privileges	varchar

Column Descriptions

acl_recipient_group_id

acl_recipient_group_name

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

acl_privileges

base_241129.privileges_public

Description

Columns

column	data type
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
acl_privileges	varchar

Column Descriptions

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

acl_privileges

base_241129.privileges_users

Description

Columns

column	data type
acl_recipient_user_id	int4
acl_recipient_user_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
acl_privileges	varchar

Column Descriptions

acl_recipient_user_id

acl_recipient_user_name

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

acl_privileges

lf_241129.privileges_granted_to_groups

Description

Columns

column	data type
group_id	int4
group_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
priv_database_create	bool
priv_database_temp	bool
priv_function_execute	bool
priv_language_usage	bool
priv_procedure_execute	bool
priv_schema_create	bool
priv_schema_usage	bool
priv_table_delete	bool
priv_table_drop	bool
priv_table_insert	bool
priv_table_reference	bool
priv_table_select	bool
priv_table_update	bool
priv_view_drop	bool

column	data type
priv_view_select	bool

Column Descriptions

group_id

group_name

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

priv_database_create

priv_database_temp

priv_function_execute

priv_language_usage

priv_procedure_execute

priv_schema_create

priv_schema_usage

priv_table_delete

priv_table_drop

priv_table_insert

priv_table_reference

priv_table_select

priv_table_update

priv_view_drop

priv_view_select

lf_241129.privileges_granted_to_public

Description

Columns

column	data type
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
priv_database_create	bool
priv_database_temp	bool
priv_function_execute	bool
priv_language_usage	bool
priv_procedure_execute	bool
priv_schema_create	bool
priv_schema_usage	bool
priv_table_delete	bool
priv_table_drop	bool
priv_table_insert	bool
priv_table_reference	bool
priv_table_select	bool
priv_table_update	bool
priv_view_drop	bool
priv_view_select	bool

Column Descriptions

object_owner_user_id

object_owner_user_name

schema_id

schema_name

object_type

object_return_base_data_type_id

object_return_base_data_type_name

object_id

object_name

object_argument_base_data_type_ids

object_argument_base_data_type_names

priv_database_create

priv_database_temp

priv_function_execute

priv_language_usage

priv_procedure_execute

priv_schema_create

priv_schema_usage

priv_table_delete

priv_table_drop

priv_table_insert

priv_table_reference

priv_table_select

priv_table_update

priv_view_drop

priv_view_select

lf_241129.privileges_granted_to_users

Description

Columns

column	data type
user_id	int4
user_name	varchar
object_owner_user_id	int4
object_owner_user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
priv_database_create	bool
priv_database_grant_create	bool
priv_database_temp	bool
priv_database_grant_temp	bool
priv_function_execute	bool
priv_function_grant_execute	bool
priv_language_usage	bool
priv_language_grant_usage	bool
priv_procedure_execute	bool
priv_procedure_grant_execute	bool
priv_schema_create	bool
priv_schema_grant_create	bool
priv_schema_usage	bool
priv_schema_grant_usage	bool

column	data type
priv_table_delete	bool
priv_table_grant_delete	bool
priv_table_drop	bool
priv_table_grant_drop	bool
priv_table_insert	bool
priv_table_grant_insert	bool
priv_table_reference	bool
priv_table_grant_reference	bool
priv_table_select	bool
priv_table_grant_select	bool
priv_table_update	bool
priv_table_grant_update	bool
priv_view_drop	bool
priv_view_grant_drop	bool
priv_view_select	bool
priv_view_grant_select	bool

Column Descriptions

user_id
user_name
object_owner_user_id
object_owner_user_name
schema_id
schema_name
object_type
object_return_base_data_type_id
object_return_base_data_type_name
object_id
object_name
object_argument_base_data_type_ids
object_argument_base_data_type_names
priv_database_create
priv_database_grant_create
priv_database_temp
priv_database_grant_temp
priv_function_execute
priv_function_grant_execute
priv_language_usage
priv_language_grant_usage
priv_procedure_execute
priv_procedure_grant_execute
priv_schema_create
priv_schema_grant_create
priv_schema_usage
priv_schema_grant_usage
priv_table_delete

sf_241129.privileges_granted_to_groups

Description

Columns

column	data type
ggroup	varchar
ttype	varchar
sschema	varchar
object	varchar
rt	varchar
args	varchar
owner	varchar
prvs	varchar

Column Descriptions

ggroup

ttype

sschema

object

rt

args

owner

prvs

sf_241129.privileges_granted_to_public

Description

Columns

column	data type
ttype	varchar
sschema	varchar
object	varchar
rt	varchar
args	varchar
owner	varchar
privs	varchar

Column Descriptions

ttype

sschema

object

rt

args

owner

privs

sf_241129.privileges_granted_to_users

Description

Columns

column	data type
uuser	varchar
ttype	varchar
sschema	varchar
oobject	varchar
rt	varchar
args	varchar
oowner	varchar
privs	varchar

Column Descriptions

uuser

ttype

sschema

oobject

rt

args

oowner

privs

Queries

This section contains a wide range of views providing information about queries.

Note there are two views which provide information on the current state of the cluster, `sf.queries_running` and `sf.queries_queued`.

Additionally, there is also probably the single most important view in the entire set of RST, `sf.queries_step_plan`, which is the and the only way to know what work a query has actually done, which is absolutely necessary for query development.

(Never use `EXPLAIN`. The query plan diverges too greatly from what has actually happened. You can go from what actually happened (the step plan) to the query plan, but you cannot go in the other direction. In fact the output from `EXPLAIN` has a number of issues, which I will probably discuss in the docs for this view, once they come to be written.)

base_241129.queries_blocks

Description

Columns

column	data type
query_id	int4
query_number_blocks_read	int8
query_number_blocks_to_disk	int8

Column Descriptions

query_id

query_number_blocks_read

query_number_blocks_to_disk

base_241129.queries_compilation

Description

Columns

column	data type
user_id	int4
query_id	int4
query_compile_duration	interval

Column Descriptions

user_id

query_id

query_compile_duration

base_241129.queries_for_all

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar

Column Descriptions

user_id

session_id

transaction_id

query_id

queue_id

query_start_ts

query_end_ts

query_queue_duration

query_compile_exec_duration

query_wlm_duration

query_total_duration

query_abort_flag

query_csc_flag

query_leader_node_flag

query_rc_flag

query_text

base_241129.queries_for_leader

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
query_total_duration	interval
query_leader_node_flag	bool
query_text	varchar

Column Descriptions

user_id

session_id

transaction_id

queue_id

query_start_ts

query_end_ts

query_total_duration

query_leader_node_flag

query_text

base_241129.queries_for_worker

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar

Column Descriptions

user_id

session_id

transaction_id

query_id

queue_id

query_start_ts

query_end_ts

query_queue_duration

query_compile_exec_duration

query_wlm_duration

query_total_duration

query_abort_flag

query_csc_flag

query_leader_node_flag

query_rc_flag

query_text

base_241129.queries_on_leader_as_for_worker

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar

Column Descriptions

user_id

session_id

transaction_id

query_id

queue_id

query_start_ts

query_end_ts

query_queue_duration

query_compile_exec_duration

query_wlm_duration

query_total_duration

query_abort_flag

query_csc_flag

query_leader_node_flag

query_rc_flag

query_text

base_241129.queries_transactions

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar
transaction_start_ts	timestamp
transaction_end_ts	timestamp
transaction_query_total_duration	interval
transaction_query_wlm_duration	interval
transaction_query_queue_duration	interval
transaction_query_compile_exec_duration	interval
transaction_number_rc_queries	int4
transaction_number_leader_queries	int4
transaction_number_worker_queries	int4
transaction_number_total_queries	int4
transaction_abort_flag	bool

column	data type
transaction_duration	interval
transaction_idle_duration	interval

Column Descriptions

user_id
session_id
transaction_id
query_id
queue_id
query_start_ts
query_end_ts
query_queue_duration
query_compile_exec_duration
query_wlm_duration
query_total_duration
query_abort_flag
query_csc_flag
query_leader_node_flag
query_rc_flag
query_text
transaction_start_ts
transaction_end_ts
transaction_query_total_duration
transaction_query_wlm_duration
transaction_query_queue_duration
transaction_query_compile_exec_duration
transaction_number_rc_queries
transaction_number_leader_queries
transaction_number_worker_queries
transaction_number_total_queries
transaction_abort_flag
transaction_duration

lf_241129.queries_compilation

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
query_number_leader_node_cache_segments	int2
query_number_offload_segments	int2
query_number_segments	int2
query_compile_duration	interval

Column Descriptions

session_id

transaction_id

query_id

query_number_leader_node_cache_segments

query_number_offload_segments

query_number_segments

query_compile_duration

lf_241129.queries_compilation_stream

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
stream_ordinal	int2
stream_number_leader_node_cache_segments	int2
stream_number_offload_segments	int2
stream_number_segments	int2
stream_compile_duration	interval

Column Descriptions

session_id

transaction_id

query_id

stream_ordinal

stream_number_leader_node_cache_segments

stream_number_offload_segments

stream_number_segments

stream_compile_duration

lf_241129.queries_compilation_stream_segment

Description

Columns

column	data type
query_id	int4
stream_ordinal	int2
segment_ordinal	int2
compilation_start	timestamp
compilation_end	timestamp
compilation_duration	interval
compilation_status	varchar

Column Descriptions

query_id

stream_ordinal

segment_ordinal

compilation_start

compilation_end

compilation_duration

compilation_status

lf_241129.queries_for_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
queue_name	varchar
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar

Column Descriptions

user_id

user_name

session_id

transaction_id

query_id

queue_id

queue_name

query_start_ts

query_end_ts

query_queue_duration

query_compile_exec_duration

query_wlm_duration

query_total_duration

query_abort_flag

query_csc_flag

query_leader_node_flag

query_rc_flag

query_text

lf_241129.queries_for_leader

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
query_start_ts	timestamp
query_end_ts	timestamp
query_total_duration	interval
query_leader_node_flag	bool
query_text	varchar

Column Descriptions

user_id

user_name

session_id

transaction_id

query_start_ts

query_end_ts

query_total_duration

query_leader_node_flag

query_text

lf_241129.queries_for_worker

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
query_id	int4
queue_id	int2
queue_name	varchar
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar

Column Descriptions

user_id

user_name

session_id

transaction_id

query_id

queue_id

queue_name

query_start_ts

query_end_ts

query_queue_duration

query_compile_exec_duration

query_wlm_duration

query_total_duration

query_abort_flag

query_csc_flag

query_leader_node_flag

query_rc_flag

query_text

lf_241129.queries_queued

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
queue_position	int2
transaction_id	int8
query_id	int4
queue_duration	interval

Column Descriptions

queue_id

queue_name

queue_position

transaction_id

query_id

queue_duration

lf_241129.queries_running

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
csc_flag	bool
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
query_id	int4
query_slot_count	int2
max_exec_segment	int2
query_exec_duration	interval
query_cpu_duration	interval
sum_data_sessioned_in_bytes	int8
sum_memory_used_in_bytes	int8
number_transient_tables	int4
sum_transient_tables_in_bytes	int8
query_number_blocks_to_disk	int8
query_text	varchar

Column Descriptions

queue_id

queue_name

csc_flag

user_id

user_name

session_id

transaction_id

query_id

query_slot_count

max_exec_segment

query_exec_duration

query_cpu_duration

sum_data_sessioned_in_bytes

sum_memory_used_in_bytes

number_transient_tables

sum_transient_tables_in_bytes

query_number_blocks_to_disk

query_text

lf_241129.queries_stats_durations_on_both_by_transaction

Description

Columns

column	data type
transaction_id	int8
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_idle_duration	interval
max_idle_duration	interval
med_idle_duration	float4
avg_idle_duration	interval
std_idle_duration	float4
sum_idle_duration	interval
number_queries	int4

Column Descriptions

transaction_id

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

min_idle_duration

max_idle_duration

med_idle_duration

avg_idle_duration

std_idle_duration

sum_idle_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_all_by_all

Description

Columns

column	data type
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

`user_id`

`user_name`

`start_ts`

`min_duration`

`max_duration`

`med_duration`

`avg_duration`

`std_duration`

`sum_duration`

`number_queries`

lf_241129.queries_stats_durations_on_leader_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

`user_id`

`user_name`

`start_ts`

`min_duration`

`max_duration`

`med_duration`

`avg_duration`

`std_duration`

`sum_duration`

`number_queries`

lf_241129.queries_stats_durations_on_leader_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_leader_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

sum_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_all_by_all

Description

Columns

column	data type
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_query

Description

Columns

column	data type
query_id	int4
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval

Column Descriptions

query_id

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

lf_241129.queries_stats_durations_on_workers_for_queues_by_all

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

queue_id

queue_name

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_queues_by_day

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

queue_id

queue_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_queues_by_hour

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

queue_id

queue_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_queues_by_minute

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

queue_id

queue_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_queues_by_second

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

queue_id

queue_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_statements_by_all

Description

Columns

column	data type
statement_name	varchar
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

statement_name

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_statements_by_day

Description

Columns

column	data type
statement_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

statement_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_statements_by_hour

Description

Columns

column	data type
statement_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

statement_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_statements_by_minute

Description

Columns

column	data type
statement_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

statement_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_statements_by_second

Description

Columns

column	data type
statement_name	varchar
start_ts	timestamp
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
number_queries	int4

Column Descriptions

statement_name

start_ts

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

med_query_exec_duration

avg_query_exec_duration

std_query_exec_duration

sum_query_exec_duration

number_queries

lf_241129.queries_stats_durations_on_workers_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
min_leadin_duration	interval
max_leadin_duration	interval
med_leadin_duration	float4
avg_leadin_duration	interval
std_leadin_duration	float4
sum_leadin_duration	interval
min_wlm_leadin_duration	interval
max_wlm_leadin_duration	interval
med_wlm_leadin_duration	float4
avg_wlm_leadin_duration	interval
std_wlm_leadin_duration	float4
sum_wlm_leadin_duration	interval
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval
min_query_exec_duration	interval

column	data type
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_wlm_leadout_duration	interval
max_wlm_leadout_duration	interval
med_wlm_leadout_duration	float4
avg_wlm_leadout_duration	interval
std_wlm_leadout_duration	float4
sum_wlm_leadout_duration	interval
min_leadout_duration	interval
max_leadout_duration	interval
med_leadout_duration	float4
avg_leadout_duration	interval
std_leadout_duration	float4
sum_leadout_duration	interval
min_query_total_duration	interval
max_query_total_duration	interval
med_query_total_duration	float4
avg_query_total_duration	interval
std_query_total_duration	float4
sum_query_total_duration	interval
min_unaccounted_duration	interval
max_unaccounted_duration	interval
med_unaccounted_duration	float4
avg_unaccounted_duration	interval
std_unaccounted_duration	float4
sum_unaccounted_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

min_leadin_duration

max_leadin_duration

med_leadin_duration

avg_leadin_duration

std_leadin_duration

sum_leadin_duration

min_wlm_leadin_duration

max_wlm_leadin_duration

med_wlm_leadin_duration

avg_wlm_leadin_duration

std_wlm_leadin_duration

sum_wlm_leadin_duration

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

max_query_exec_duration

lf_241129.queries_stats_durations_on_workers_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_leadin_duration	interval
max_leadin_duration	interval
med_leadin_duration	float4
avg_leadin_duration	interval
std_leadin_duration	float4
sum_leadin_duration	interval
min_wlm_leadin_duration	interval
max_wlm_leadin_duration	interval
med_wlm_leadin_duration	float4
avg_wlm_leadin_duration	interval
std_wlm_leadin_duration	float4
sum_wlm_leadin_duration	interval
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval

column	data type
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_wlm_leadout_duration	interval
max_wlm_leadout_duration	interval
med_wlm_leadout_duration	float4
avg_wlm_leadout_duration	interval
std_wlm_leadout_duration	float4
sum_wlm_leadout_duration	interval
min_leadout_duration	interval
max_leadout_duration	interval
med_leadout_duration	float4
avg_leadout_duration	interval
std_leadout_duration	float4
sum_leadout_duration	interval
min_query_total_duration	interval
max_query_total_duration	interval
med_query_total_duration	float4
avg_query_total_duration	interval
std_query_total_duration	float4
sum_query_total_duration	interval
min_unaccounted_duration	interval
max_unaccounted_duration	interval
med_unaccounted_duration	float4
avg_unaccounted_duration	interval
std_unaccounted_duration	float4
sum_unaccounted_duration	interval
number_queries	int4

Column Descriptions

user_id
user_name
start_ts
min_leadin_duration
max_leadin_duration
med_leadin_duration
avg_leadin_duration
std_leadin_duration
sum_leadin_duration
min_wlm_leadin_duration
max_wlm_leadin_duration
med_wlm_leadin_duration
avg_wlm_leadin_duration
std_wlm_leadin_duration
sum_wlm_leadin_duration
min_query_queue_duration
max_query_queue_duration
med_query_queue_duration
avg_query_queue_duration
std_query_queue_duration
sum_query_queue_duration
min_query_compile_duration
max_query_compile_duration
med_query_compile_duration
avg_query_compile_duration
std_query_compile_duration
sum_query_compile_duration
min_query_exec_duration

lf_241129.queries_stats_durations_on_workers_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_leadin_duration	interval
max_leadin_duration	interval
med_leadin_duration	float4
avg_leadin_duration	interval
std_leadin_duration	float4
sum_leadin_duration	interval
min_wlm_leadin_duration	interval
max_wlm_leadin_duration	interval
med_wlm_leadin_duration	float4
avg_wlm_leadin_duration	interval
std_wlm_leadin_duration	float4
sum_wlm_leadin_duration	interval
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval

column	data type
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_wlm_leadout_duration	interval
max_wlm_leadout_duration	interval
med_wlm_leadout_duration	float4
avg_wlm_leadout_duration	interval
std_wlm_leadout_duration	float4
sum_wlm_leadout_duration	interval
min_leadout_duration	interval
max_leadout_duration	interval
med_leadout_duration	float4
avg_leadout_duration	interval
std_leadout_duration	float4
sum_leadout_duration	interval
min_query_total_duration	interval
max_query_total_duration	interval
med_query_total_duration	float4
avg_query_total_duration	interval
std_query_total_duration	float4
sum_query_total_duration	interval
min_unaccounted_duration	interval
max_unaccounted_duration	interval
med_unaccounted_duration	float4
avg_unaccounted_duration	interval
std_unaccounted_duration	float4
sum_unaccounted_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

start_ts

min_leadin_duration

max_leadin_duration

med_leadin_duration

avg_leadin_duration

std_leadin_duration

sum_leadin_duration

min_wlm_leadin_duration

max_wlm_leadin_duration

med_wlm_leadin_duration

avg_wlm_leadin_duration

std_wlm_leadin_duration

sum_wlm_leadin_duration

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

lf_241129.queries_stats_durations_on_workers_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_leadin_duration	interval
max_leadin_duration	interval
med_leadin_duration	float4
avg_leadin_duration	interval
std_leadin_duration	float4
sum_leadin_duration	interval
min_wlm_leadin_duration	interval
max_wlm_leadin_duration	interval
med_wlm_leadin_duration	float4
avg_wlm_leadin_duration	interval
std_wlm_leadin_duration	float4
sum_wlm_leadin_duration	interval
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval

column	data type
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_wlm_leadout_duration	interval
max_wlm_leadout_duration	interval
med_wlm_leadout_duration	float4
avg_wlm_leadout_duration	interval
std_wlm_leadout_duration	float4
sum_wlm_leadout_duration	interval
min_leadout_duration	interval
max_leadout_duration	interval
med_leadout_duration	float4
avg_leadout_duration	interval
std_leadout_duration	float4
sum_leadout_duration	interval
min_query_total_duration	interval
max_query_total_duration	interval
med_query_total_duration	float4
avg_query_total_duration	interval
std_query_total_duration	float4
sum_query_total_duration	interval
min_unaccounted_duration	interval
max_unaccounted_duration	interval
med_unaccounted_duration	float4
avg_unaccounted_duration	interval
std_unaccounted_duration	float4
sum_unaccounted_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

start_ts

min_leadin_duration

max_leadin_duration

med_leadin_duration

avg_leadin_duration

std_leadin_duration

sum_leadin_duration

min_wlm_leadin_duration

max_wlm_leadin_duration

med_wlm_leadin_duration

avg_wlm_leadin_duration

std_wlm_leadin_duration

sum_wlm_leadin_duration

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

lf_241129.queries_stats_durations_on_workers_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
min_leadin_duration	interval
max_leadin_duration	interval
med_leadin_duration	float4
avg_leadin_duration	interval
std_leadin_duration	float4
sum_leadin_duration	interval
min_wlm_leadin_duration	interval
max_wlm_leadin_duration	interval
med_wlm_leadin_duration	float4
avg_wlm_leadin_duration	interval
std_wlm_leadin_duration	float4
sum_wlm_leadin_duration	interval
min_query_queue_duration	interval
max_query_queue_duration	interval
med_query_queue_duration	float4
avg_query_queue_duration	interval
std_query_queue_duration	float4
sum_query_queue_duration	interval
min_query_compile_duration	interval
max_query_compile_duration	interval
med_query_compile_duration	float4
avg_query_compile_duration	interval
std_query_compile_duration	float4
sum_query_compile_duration	interval

column	data type
min_query_exec_duration	interval
max_query_exec_duration	interval
med_query_exec_duration	float4
avg_query_exec_duration	interval
std_query_exec_duration	float4
sum_query_exec_duration	interval
min_wlm_leadout_duration	interval
max_wlm_leadout_duration	interval
med_wlm_leadout_duration	float4
avg_wlm_leadout_duration	interval
std_wlm_leadout_duration	float4
sum_wlm_leadout_duration	interval
min_leadout_duration	interval
max_leadout_duration	interval
med_leadout_duration	float4
avg_leadout_duration	interval
std_leadout_duration	float4
sum_leadout_duration	interval
min_query_total_duration	interval
max_query_total_duration	interval
med_query_total_duration	float4
avg_query_total_duration	interval
std_query_total_duration	float4
sum_query_total_duration	interval
min_unaccounted_duration	interval
max_unaccounted_duration	interval
med_unaccounted_duration	float4
avg_unaccounted_duration	interval
std_unaccounted_duration	float4
sum_unaccounted_duration	interval
number_queries	int4

Column Descriptions

user_id

user_name

start_ts

min_leadin_duration

max_leadin_duration

med_leadin_duration

avg_leadin_duration

std_leadin_duration

sum_leadin_duration

min_wlm_leadin_duration

max_wlm_leadin_duration

med_wlm_leadin_duration

avg_wlm_leadin_duration

std_wlm_leadin_duration

sum_wlm_leadin_duration

min_query_queue_duration

max_query_queue_duration

med_query_queue_duration

avg_query_queue_duration

std_query_queue_duration

sum_query_queue_duration

min_query_compile_duration

max_query_compile_duration

med_query_compile_duration

avg_query_compile_duration

std_query_compile_duration

sum_query_compile_duration

min_query_exec_duration

lf_241129.queries_step_plan

Description

Columns

column	data type
query_id	int4
stream_ordinal	int2
segment_ordinal	int2
step_ordinal	int2
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
step_type	varchar
sub_type	varchar
number_materialized_rows	int8
number_eligible_rows	int8
number_rows	int8
number_bytes	int8
number_packets	int8
store_type	varchar
step_start_ts	timestamp
step_end_ts	timestamp
segment_duration	interval
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar

Column Descriptions

query_id

stream_ordinal

segment_ordinal

step_ordinal

node_ordinal

slice_ordinal

slice_type

step_type

sub_type

number_materialized_rows

number_eligible_rows

number_rows

number_bytes

number_packets

store_type

step_start_ts

step_end_ts

segment_duration

schema_id

schema_name

table_id

table_name

lf_241129.queries_text_for_leader

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_start_ts	timestamp
query_text_order	int4
query_text	varchar

Column Descriptions

session_id

transaction_id

query_start_ts

query_text_order

query_text

lf_241129.queries_text_on_both_fast

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
query_start_ts	timestamp
query_text_order	int4
query_text	varchar

Column Descriptions

session_id

transaction_id

query_id

query_start_ts

query_text_order

query_text

lf_241129.queries_text_on_both_full

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
query_start_ts	timestamp
query_text_order	int4
query_text	varchar

Column Descriptions

session_id

transaction_id

query_id

query_start_ts

query_text_order

query_text

lf_241129.queries_text_on_workers_fast

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
query_start_ts	timestamp
query_text	varchar

Column Descriptions

session_id

transaction_id

query_id

query_start_ts

query_text

lf_241129.queries_text_on_workers_full

Description

Columns

column	data type
session_id	int4
transaction_id	int8
query_id	int4
query_text_order	int4
query_text	varchar

Column Descriptions

session_id

transaction_id

query_id

query_text_order

query_text

lf_241129.queries_totals_aborts_on_workers_for_all_by_all

Description

Columns

column	data type
number_abort	int4

Column Descriptions

number_abort

lf_241129.queries_totals_aborts_on_workers_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_abort	int4

Column Descriptions

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_abort	int4

Column Descriptions

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
number_abort	int4

Column Descriptions

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_abort	int4

Column Descriptions

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_query

Description

Columns

column	data type
query_id	int4
query_start_ts	timestamp
number_abort	int4

Column Descriptions

query_id

query_start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_queues_by_all

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
number_abort	int4

Column Descriptions

queue_id

queue_name

number_abort

lf_241129.queries_totals_aborts_on_workers_for_queues_by_day

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

queue_id

queue_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_queues_by_hour

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

queue_id

queue_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_queues_by_minute

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

queue_id

queue_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_queues_by_second

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

queue_id

queue_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_abort	int4

Column Descriptions

user_id

user_name

number_abort

lf_241129.queries_totals_aborts_on_workers_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

user_id

user_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

user_id

user_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

user_id

user_name

start_ts

number_abort

lf_241129.queries_totals_aborts_on_workers_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_abort	int4

Column Descriptions

user_id

user_name

start_ts

number_abort

lf_241129.queries_totals_blocks_on_workers_for_all_by_all

Description

Columns

column	data type
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_query

Description

Columns

column	data type
query_id	int4
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

query_id

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

user_id

user_name

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_blocks_on_workers_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_query_number_blocks_read	int8
notnulled_sum_query_number_blocks_to_disk	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_query_number_blocks_read

notnulled_sum_query_number_blocks_to_disk

lf_241129.queries_totals_result_cache_for_all_by_all

Description

Columns

column	data type
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

start_ts

number_hit

number_miss

number_total

percentage

`lf_241129.queries_totals_result_cache_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>number_hit</code>	int8
<code>number_miss</code>	int8
<code>number_total</code>	int8
<code>percentage</code>	float4

Column Descriptions

`start_ts`

`number_hit`

`number_miss`

`number_total`

`percentage`

lf_241129.queries_totals_result_cache_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_query

Description

Columns

column	data type
query_id	int4
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

query_id

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

user_id

user_name

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

user_id

user_name

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

user_id

user_name

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

user_id

user_name

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_totals_result_cache_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_hit	int8
number_miss	int8
number_total	int8
percentage	float4

Column Descriptions

user_id

user_name

start_ts

number_hit

number_miss

number_total

percentage

lf_241129.queries_transactions_batches

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
transaction_start_ts	timestamp
query_id	int4
queue_id	int2
queue_name	varchar
query_start_ts	timestamp
query_end_ts	timestamp
query_queue_duration	interval
query_compile_duration	interval
query_exec_duration	interval
query_wlm_duration	interval
query_total_duration	interval
query_abort_flag	bool
query_csc_flag	bool
query_leader_node_flag	bool
query_rc_flag	bool
query_text	varchar
query_number_blocks_read	int8
query_number_blocks_to_disk	int8
transaction_end_ts	timestamp
transaction_duration	interval
transaction_idle_duration	interval
transaction_number_leader_queries	int4
transaction_number_worker_queries	int4

column	data type
transaction_number_total_queries	int4
transaction_abort_flag	bool
batch_id	int8
transaction_batch_queue_start	timestamp
transaction_batch_queue_duration	interval
batch_start_ts	timestamp
batch_end_ts	timestamp
batch_leader_duration	interval
batch_worker_duration	interval
batch_queue_duration	interval
batch_exec_duration	interval
batch_total_duration	interval
number_batch_blocks	int8
number_batch_headers	int8
number_batch_transactions	int8

Column Descriptions

user_id
user_name
session_id
transaction_id
transaction_start_ts
query_id
queue_id
queue_name
query_start_ts
query_end_ts
query_queue_duration
query_compile_duration
query_exec_duration
query_wlm_duration
query_total_duration
query_abort_flag
query_csc_flag
query_leader_node_flag
query_rc_flag
query_text
query_number_blocks_read
query_number_blocks_to_disk
transaction_end_ts
transaction_duration
transaction_idle_duration
transaction_number_leader_queries
transaction_number_worker_queries
transaction_number_total_queries

sf_241129.queries_compilation

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
lncache	int2
offload	int2
total	int2
dur	numeric

Column Descriptions

pid

xid

qid

lncache

offload

total

dur

sf_241129.queries_compilation_stream

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
stream	int2
lncache	int2
offload	int2
total	int2
dur	numeric

Column Descriptions

pid

xid

qid

stream

lncache

offload

total

dur

sf_241129.queries_compilation_stream_segment

Description

Columns

column	data type
qid	int4
stream	int2
segment	int2
start_ts	timestamp
end_ts	timestamp
dur	numeric
status	varchar

Column Descriptions

qid

stream

segment

start_ts

end_ts

dur

status

`sf_241129.queries_for_all`

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
qid	int4
qname	varchar
start_ts	timestamp
end_ts	timestamp
queue	numeric
cexec	numeric
total	numeric
flags	varchar
ttext	varchar

Column Descriptions

uuser

pid

xid

qid

qname

start_ts

end_ts

queue

cexec

total

flags

ttext

sf_241129.queries_for_leader

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
start_ts	timestamp
end_ts	timestamp
dur	numeric
ttext	varchar

Column Descriptions

uuser

pid

xid

start_ts

end_ts

dur

ttext

`sf_241129.queries_for_worker`

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
qid	int4
qname	varchar
start_ts	timestamp
end_ts	timestamp
queue	numeric
cexec	numeric
total	numeric
flags	varchar
ttext	varchar

Column Descriptions

uuser

pid

xid

qid

qname

start_ts

end_ts

queue

cexec

total

flags

ttext

sf_241129.queries_queued

Description

Columns

column	data type
qname	varchar
pos	int2
xid	int8
qid	int4
dur	numeric

Column Descriptions

qname

pos

xid

qid

dur

sf_241129.queries_running

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
qid	int4
qname	varchar
s	int2
flags	varchar
seg	int2
dur	numeric
cpu	numeric
ddata	varchar
mem	varchar
num_tt	int4
size_tt	varchar
btd	varchar
ttext	varchar

Column Descriptions

uuser

pid

xid

qid

qname

s

flags

seg

dur

cpu

ddata

mem

num_tt

size_tt

btd

ttext

sf_241129.queries_stats_durations_on_both_by_transaction

Description

Columns

column	data type
xid	int8
queue	varchar
compile	varchar
exec	varchar
idle	varchar
queries	int4

Column Descriptions

xid

queue

compile

exec

idle

queries

`sf_241129.queries_stats_durations_on_leader_for_all_by_all`

Description

Columns

column	data type
duration	varchar
queries	int4

Column Descriptions

duration

queries

`sf_241129.queries_stats_durations_on_leader_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	<code>date</code>
<code>duration</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`start_ts`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_leader_for_all_by_hour`

Description

Columns

column	data type
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

start_ts

duration

queries

`sf_241129.queries_stats_durations_on_leader_for_all_by_minute`

Description

Columns

column	data type
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

start_ts

duration

queries

`sf_241129.queries_stats_durations_on_leader_for_all_by_second`

Description

Columns

column	data type
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

start_ts

duration

queries

`sf_241129.queries_stats_durations_on_leader_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
duration	varchar
queries	int4

Column Descriptions

`uuser`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_leader_for_users_by_day`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>date</code>
<code>duration</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`uuser`

`start_ts`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_leader_for_users_by_hour`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

`uuser`

`start_ts`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_leader_for_users_by_minute`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

`uuser`

`start_ts`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_leader_for_users_by_second`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
duration	varchar
queries	int4

Column Descriptions

`uuser`

`start_ts`

`duration`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_all_by_all`

Description

Columns

column	data type
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	<code>date</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>queue</code>	varchar
<code>compile</code>	varchar
<code>exec</code>	varchar
<code>queries</code>	int4

Column Descriptions

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>queue</code>	varchar
<code>compile</code>	varchar
<code>exec</code>	varchar
<code>queries</code>	int4

Column Descriptions

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_all_by_second`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>queue</code>	varchar
<code>compile</code>	varchar
<code>exec</code>	varchar
<code>queries</code>	int4

Column Descriptions

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_query`

Description

Columns

column	data type
qid	int4
queue	varchar
compile	varchar
exec	varchar

Column Descriptions

qid

queue

compile

exec

`sf_241129.queries_stats_durations_on_workers_for_queues_by_all`

Description

Columns

column	data type
qname	varchar
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

qname

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_queues_by_day`

Description

Columns

column	data type
qname	varchar
start_ts	date
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

qname

start_ts

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_queues_by_hour`

Description

Columns

column	data type
<code>qname</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`qname`

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_queues_by_minute`

Description

Columns

column	data type
qname	varchar
start_ts	timestamp
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

qname

start_ts

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_queues_by_second`

Description

Columns

column	data type
qname	varchar
start_ts	timestamp
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

qname

start_ts

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_statements_by_all`

Description

Columns

column	data type
<code>stmt</code>	<code>varchar</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`stmt`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_statements_by_day`

Description

Columns

column	data type
<code>stmt</code>	<code>varchar</code>
<code>start_ts</code>	<code>date</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`stmt`

`start_ts`

`queue`

`compile`

`exec`

`queries`

sf_241129.queries_stats_durations_on_workers_for_statements_by_hour

Description

Columns

column	data type
stmt	varchar
start_ts	timestamp
queue	varchar
compile	varchar
exec	varchar
queries	int4

Column Descriptions

stmt

start_ts

queue

compile

exec

queries

`sf_241129.queries_stats_durations_on_workers_for_statements_by_minute`

Description

Columns

column	data type
<code>stmt</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`stmt`

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_statements_by_second`

Description

Columns

column	data type
<code>stmt</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

`stmt`

`start_ts`

`queue`

`compile`

`exec`

`queries`

`sf_241129.queries_stats_durations_on_workers_for_users_by_all`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>leadin</code>	<code>varchar</code>
<code>wlm_leadin</code>	<code>varchar</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>wlm_leadout</code>	<code>varchar</code>
<code>leadout</code>	<code>varchar</code>
<code>total</code>	<code>varchar</code>
<code>unact</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

uuser

leadin

wlm_lead

queue

compile

exec

wlm_lead

leadout

total

unact

queries

`sf_241129.queries_stats_durations_on_workers_for_users_by_day`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>date</code>
<code>leadin</code>	<code>varchar</code>
<code>wlm_leadin</code>	<code>varchar</code>
<code>queue</code>	<code>varchar</code>
<code>compile</code>	<code>varchar</code>
<code>exec</code>	<code>varchar</code>
<code>wlm_leadout</code>	<code>varchar</code>
<code>leadout</code>	<code>varchar</code>
<code>total</code>	<code>varchar</code>
<code>unact</code>	<code>varchar</code>
<code>queries</code>	<code>int4</code>

Column Descriptions

uuser

start_ts

leadin

wlm_lead

queue

compile

exec

wlm_lead

leadout

total

unact

queries

sf_241129.queries_stats_durations_on_workers_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
leadin	varchar
wlm_leadin	varchar
queue	varchar
compile	varchar
exec	varchar
wlm_leadout	varchar
leadout	varchar
total	varchar
unact	varchar
queries	int4

Column Descriptions

uuser

start_ts

leadin

wlm_leadin

queue

compile

exec

wlm_leadout

leadout

total

unact

queries

`sf_241129.queries_stats_durations_on_workers_for_users_by_minute`

Description

Columns

column	data type
user	varchar
start_ts	timestamp
leadin	varchar
wlm_leadin	varchar
queue	varchar
compile	varchar
exec	varchar
wlm_leadout	varchar
leadout	varchar
total	varchar
unact	varchar
queries	int4

Column Descriptions

uuser

start_ts

leadin

wlm_lead

queue

compile

exec

wlm_lead

leadout

total

unact

queries

sf_241129.queries_stats_durations_on_workers_for_users_by_second

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
leadin	varchar
wlm_leadin	varchar
queue	varchar
compile	varchar
exec	varchar
wlm_leadout	varchar
leadout	varchar
total	varchar
unact	varchar
queries	int4

Column Descriptions

uuser

start_ts

leadin

wlm_leadin

queue

compile

exec

wlm_leadout

leadout

total

unact

queries

sf_241129.queries_step_plan

Description

Columns

column	data type
qid	int4
strm	int2
seg	int2
stp	int2
node	int2
slice	int2
t	varchar
ttype	varchar
mrows	int8
erows	int8
rrows	int8
bytes	int8
pkts	int8
st	varchar
start_ts	timestamp
end_ts	timestamp
dur	numeric
notes	varchar

Column Descriptions

qid

strm

seg

stp

node

slice

t

ttype

mrows

erows

rrows

bytes

pkts

st

start_ts

end_ts

dur

notes

sf_241129.queries_text_for_leader

Description

Columns

column	data type
pid	int4
xid	int8
start_ts	timestamp
n	int4
ttext	varchar

Column Descriptions

pid

xid

start_ts

n

ttext

sf_241129.queries_text_on_both_fast

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
start_ts	timestamp
n	int4
ttext	varchar

Column Descriptions

pid

xid

qid

start_ts

n

ttext

sf_241129.queries_text_on_both_full

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
start_ts	timestamp
n	int4
ttext	varchar

Column Descriptions

pid

xid

qid

start_ts

n

ttext

sf_241129.queries_text_on_workers_fast

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
start_ts	timestamp
ttext	varchar

Column Descriptions

pid

xid

qid

start_ts

ttext

`sf_241129.queries_text_on_workers_full`

Description

Columns

column	data type
pid	int4
xid	int8
qid	int4
n	int4
ttext	varchar

Column Descriptions

pid

xid

qid

n

ttext

`sf_241129.queries_totals_aborts_on_workers_for_all_by_all`

Description

Columns

column	data type
aborts	int4

Column Descriptions

aborts

`sf_241129.queries_totals_aborts_on_workers_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	date
<code>aborts</code>	int4

Column Descriptions

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>aborts</code>	int4

Column Descriptions

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>aborts</code>	int4

Column Descriptions

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_all_by_second`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>aborts</code>	int4

Column Descriptions

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_query`

Description

Columns

column	data type
qid	int4
query_start_ts	timestamp
aborts	int4

Column Descriptions

qid

query_start_ts

aborts

`sf_241129.queries_totals_aborts_on_workers_for_queues_by_all`

Description

Columns

column	data type
qname	varchar
aborts	int4

Column Descriptions

qname

aborts

`sf_241129.queries_totals_aborts_on_workers_for_queues_by_day`

Description

Columns

column	data type
qname	varchar
start_ts	date
aborts	int4

Column Descriptions

qname

start_ts

aborts

`sf_241129.queries_totals_aborts_on_workers_for_queues_by_hour`

Description

Columns

column	data type
qname	varchar
start_ts	timestamp
aborts	int4

Column Descriptions

qname

start_ts

aborts

`sf_241129.queries_totals_aborts_on_workers_for_queues_by_minute`

Description

Columns

column	data type
qname	varchar
start_ts	timestamp
aborts	int4

Column Descriptions

qname

start_ts

aborts

`sf_241129.queries_totals_aborts_on_workers_for_queues_by_second`

Description

Columns

column	data type
qname	varchar
start_ts	timestamp
aborts	int4

Column Descriptions

qname

start_ts

aborts

`sf_241129.queries_totals_aborts_on_workers_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
aborts	int4

Column Descriptions

uuser

aborts

`sf_241129.queries_totals_aborts_on_workers_for_users_by_day`

Description

Columns

column	data type
uuser	varchar
start_ts	date
aborts	int4

Column Descriptions

`uuser`

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_users_by_hour`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
aborts	int4

Column Descriptions

`uuser`

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_users_by_minute`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>aborts</code>	<code>int4</code>

Column Descriptions

`uuser`

`start_ts`

`aborts`

`sf_241129.queries_totals_aborts_on_workers_for_users_by_second`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>aborts</code>	<code>int4</code>

Column Descriptions

`uuser`

`start_ts`

`aborts`

`sf_241129.queries_totals_blocks_on_workers_for_all_by_all`

Description

Columns

column	data type
rread	varchar
to_disk	varchar

Column Descriptions

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	date
<code>rread</code>	varchar
<code>to_disk</code>	varchar

Column Descriptions

`start_ts`

`rread`

`to_disk`

`sf_241129.queries_totals_blocks_on_workers_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>rread</code>	varchar
<code>to_disk</code>	varchar

Column Descriptions

`start_ts`

`rread`

`to_disk`

`sf_241129.queries_totals_blocks_on_workers_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>rread</code>	varchar
<code>to_disk</code>	varchar

Column Descriptions

`start_ts`

`rread`

`to_disk`

`sf_241129.queries_totals_blocks_on_workers_for_all_by_second`

Description

Columns

column	data type
start_ts	timestamp
rread	varchar
to_disk	varchar

Column Descriptions

start_ts

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_query`

Description

Columns

column	data type
qid	int4
rread	varchar
to_disk	varchar

Column Descriptions

qid

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
rread	varchar
to_disk	varchar

Column Descriptions

uuser

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_users_by_day`

Description

Columns

column	data type
uuser	varchar
start_ts	date
rread	varchar
to_disk	varchar

Column Descriptions

uuser

start_ts

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_users_by_hour`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
rread	varchar
to_disk	varchar

Column Descriptions

`uuser`

`start_ts`

`rread`

`to_disk`

`sf_241129.queries_totals_blocks_on_workers_for_users_by_minute`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
rread	varchar
to_disk	varchar

Column Descriptions

uuser

start_ts

rread

to_disk

`sf_241129.queries_totals_blocks_on_workers_for_users_by_second`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
rread	varchar
to_disk	varchar

Column Descriptions

`uuser`

`start_ts`

`rread`

`to_disk`

`sf_241129.queries_totals_result_cache_for_all_by_all`

Description

Columns

column	data type
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	date
<code>hit</code>	int8
<code>miss</code>	int8
<code>total</code>	int8
<code>%</code>	numeric

Column Descriptions

`start_ts`

`hit`

`miss`

`total`

`%`

`sf_241129.queries_totals_result_cache_for_all_by_hour`

Description

Columns

column	data type
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

start_ts

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_all_by_minute`

Description

Columns

column	data type
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

start_ts

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_all_by_second`

Description

Columns

column	data type
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

start_ts

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_query`

Description

Columns

column	data type
qid	int4
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

qid

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

uuser

hit

miss

total

%

sf_241129.queries_totals_result_cache_for_users_by_day

Description

Columns

column	data type
uuser	varchar
start_ts	date
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

uuser

start_ts

hit

miss

total

%

sf_241129.queries_totals_result_cache_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

uuser

start_ts

hit

miss

total

%

`sf_241129.queries_totals_result_cache_for_users_by_minute`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

uuser

start_ts

hit

miss

total

%

sf_241129.queries_totals_result_cache_for_users_by_second

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
hit	int8
miss	int8
total	int8
%	numeric

Column Descriptions

uuser

start_ts

hit

miss

total

%

sf_241129.queries_transactions_batches

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
qid	int4
qname	varchar
qid_start_ts	timestamp
queue	numeric
compile	numeric
exec	numeric
total	numeric
xid_end	numeric
bid_end	numeric
flags	varchar
br	int8
btd	int8
bid	int8
query_text	varchar

Column Descriptions

uuser

pid

xid

qid

qname

qid_start_ts

queue

compile

exec

total

xid_end

bid_end

flags

br

btd

bid

query_text

Sessions

This section provides views showing information about sessions.

Redshift does maintain a history of sessions, but currently I've not written views to show historical information - only current sessions.

lf_241129.sessions_fast

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
truncated_database_name	varchar
session_duration	interval

Column Descriptions

user_id

user_name

session_id

truncated_database_name

session_duration

lf_241129.sessions_full

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
truncated_database_name	varchar
session_duration	interval
remotehost	varchar
remoteport	int4
number_locks	int4

Column Descriptions

user_id

user_name

session_id

truncated_database_name

session_duration

remotehost

remoteport

number_locks

sf_241129.sessions_fast

Description

Columns

column	data type
uuser	varchar
pid	int4
tdb	varchar
dur	numeric

Column Descriptions

uuser

pid

tdb

dur

sf_241129.sessions_full

Description

Columns

column	data type
uuser	varchar
pid	int4
tdb	varchar
dur	numeric
locks	int4
ip	varchar

Column Descriptions

uuser

pid

tdb

dur

locks

ip

Sp

The prefix `sp_` is generally understood to stand for `stored procedure`, and it is use here in that way - all objects with this first word are procedures.

There's only two so far, which provide `if not exists` functionality missing from `create group` and `create role`.

`lf_241129.sp_create_group_if_not_exists`

Description

Arguments

argument	data type
<code>group_name</code>	<code>varchar(127)</code>

Argument Descriptions

`group_name`

lf_241129.sp_create_role_if_not_exists

Description

Arguments

argument	data type
role_name	varchar(127)

Argument Descriptions

role_name

Sschemas

This section contains views giving information about schemas.

There are three views, the base view being `lf/sf.schemas`, with the least information but which runs the fastest. The next view `lf/sf.schemas_blocks_rows` takes `sf.schemas` and adds also (at a cost in time) the number of blocks and rows per schema. Finally, `lf/sf.schemas_blocks_rows_activity` also adds in the number of rows deleted and inserted.

There's no history in Redshift of block allocation, so anything with blocks/rows is here-and-now.

1f_241129.sschemas

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
user_id	int4
user_name	varchar
number_tables	int4
number_normal_views	int4
number_late_binding_views	int4
number_materialized_views	int4
number_functions	int4
number_procedures	int4

Column Descriptions

schema_id

schema_name

user_id

user_name

number_tables

number_normal_views

number_late_binding_views

number_materialized_views

number_functions

number_procedures

lf_241129.sschemas_blocks_rows

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
user_id	int4
user_name	varchar
number_tables	int4
number_normal_views	int4
number_late_binding_views	int4
number_materialized_views	int4
number_functions	int4
number_procedures	int4
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

user_id

user_name

number_tables

number_normal_views

number_late_binding_views

number_materialized_views

number_functions

number_procedures

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.sschemas_blocks_rows_activity

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
user_id	int4
user_name	varchar
number_tables	int4
number_normal_views	int4
number_late_binding_views	int4
number_materialized_views	int4
number_functions	int4
number_procedures	int4
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8
number_rows_deleted	int8
number_rows_inserted	int8

Column Descriptions

schema_id

schema_name

user_id

user_name

number_tables

number_normal_views

number_late_binding_views

number_materialized_views

number_functions

number_procedures

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

number_rows_deleted

number_rows_inserted

sf_241129.schemas

Description

Columns

column	data type
sschema	varchar
uuser	varchar
ttables	int4
nviews	int4
lviews	int4
mviews	int4
funcs	int4
procs	int4

Column Descriptions

sschema

uuser

ttables

nviews

lviews

mviews

funcs

procs

sf_241129.sschemas_blocks_rows

Description

Columns

column	data type
sschema	varchar
uuser	varchar
ttables	int4
nviews	int4
lviews	int4
mviews	int4
funcs	int4
procs	int4
sblks	int8
dsblks	int8
ublks	int8
tblks	int8
srows	int8
dsrows	int8
urows	int8
trows	int8

Column Descriptions

sschema

uuser

ttables

nviews

lviews

mviews

funcs

procs

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

sf_241129.schemas_blocks_rows_activity

Description

Columns

column	data type
sschema	varchar
uuser	varchar
ttables	int4
nviews	int4
lviews	int4
mviews	int4
funcs	int4
procs	int4
sblks	int8
dsblks	int8
ublks	int8
tblks	int8
srows	int8
dsrows	int8
urows	int8
trows	int8
drops	int8
irows	int8

Column Descriptions

sschema

uuser

ttables

nviews

lviews

mviews

funcs

procs

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

drops

irrows

Steps

This section contains views showing information about steps.

Queries in Redshift are composed of streams, segments and steps.

Streams execute serially, and are composed of segments.

All the segments in a stream execute concurrently, and are composed of steps.

All the steps in a segment execute concurrently.

A step is a fundamental data processing operation available to Redshift - there are about 40 or so, such as reading from a table, aggregation, unique, limit, broadcast, and so on.

When a query is submitted, Redshift decides how it will do the work required by the query and generates segments to do that work.

Step level stats then show the work being done by the cluster across all queries, in detail.

lf_241129.steps_stats_durations_on_both_for_all_by_all

Description

Columns

column	data type
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval

column	data type
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4

column	data type
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval

column	data type
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

med_hash_duration

lf_241129.steps_stats_durations_on_both_for_all_by_day

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_all_by_hour

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_all_by_minute

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_all_by_second

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_node_by_all

Description

Columns

column	data type
node_ordinal	int2
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval

column	data type
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4

column	data type
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval

column	data type
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_ordinal

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

med_hash_duration

lf_241129.steps_stats_durations_on_both_for_node_by_day

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_node_by_hour

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_node_by_minute

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_node_by_second

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_query

Description

Columns

column	data type
query_id	int4
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8
min_hash_duration	interval

column	data type
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval

column	data type
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval

column	data type
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

query_id

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

max_hash_duration

lf_241129.steps_stats_durations_on_both_for_slices_by_all

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8

column	data type
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4

column	data type
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8

column	data type
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

lf_241129.steps_stats_durations_on_both_for_slices_by_day

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

slice_ordinal

slice_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_slices_by_hour

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

slice_ordinal

slice_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_slices_by_minute

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

slice_ordinal

slice_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_slices_by_second

Description

Columns

column	data type
start_ts	timestamp
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

start_ts

node_ordinal

slice_ordinal

slice_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_statements_by_all

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
step_type	varchar
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
number_steps	int8

Column Descriptions

statement_name

node_type

step_type

min_duration

max_duration

med_duration

avg_duration

std_duration

number_steps

lf_241129.steps_stats_durations_on_both_for_statements_by_day

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
step_type	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
number_steps	int8

Column Descriptions

statement_name

node_type

step_type

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

number_steps

lf_241129.steps_stats_durations_on_both_for_statements_by_hour

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
step_type	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
number_steps	int8

Column Descriptions

statement_name

node_type

step_type

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

number_steps

lf_241129.steps_stats_durations_on_both_for_statements_by_minute

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
step_type	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
number_steps	int8

Column Descriptions

statement_name

node_type

step_type

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

number_steps

lf_241129.steps_stats_durations_on_both_for_statements_by_second

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
step_type	varchar
start_ts	timestamp
min_duration	interval
max_duration	interval
med_duration	float4
avg_duration	interval
std_duration	float4
number_steps	int8

Column Descriptions

statement_name

node_type

step_type

start_ts

min_duration

max_duration

med_duration

avg_duration

std_duration

number_steps

lf_241129.steps_stats_durations_on_both_for_tables_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval

column	data type
std_insert_duration	float4
number_insert_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_hashjoin_duration

max_hashjoin_duration

med_hashjoin_duration

avg_hashjoin_duration

std_hashjoin_duration

number_hashjoin_steps

min_insert_duration

max_insert_duration

med_insert_duration

avg_insert_duration

std_insert_duration

lf_241129.steps_stats_durations_on_both_for_tables_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4

column	data type
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4

number_spatial_join_steps int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_hashjoin_duration

max_hashjoin_duration

med_hashjoin_duration

avg_hashjoin_duration

std_hashjoin_duration

number_hashjoin_steps

min_insert_duration

max_insert_duration

med_insert_duration

avg_insert_duration

lf_241129.steps_stats_durations_on_both_for_tables_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4

column	data type
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4

number_spatial_join_steps int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_hashjoin_duration

max_hashjoin_duration

med_hashjoin_duration

avg_hashjoin_duration

std_hashjoin_duration

number_hashjoin_steps

min_insert_duration

max_insert_duration

med_insert_duration

avg_insert_duration

lf_241129.steps_stats_durations_on_both_for_tables_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4

column	data type
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4

number_spatial_join_steps int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_hashjoin_duration

max_hashjoin_duration

med_hashjoin_duration

avg_hashjoin_duration

std_hashjoin_duration

number_hashjoin_steps

min_insert_duration

max_insert_duration

med_insert_duration

avg_insert_duration

lf_241129.steps_stats_durations_on_both_for_tables_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4

column	data type
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4

number_spatial_join_steps int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_hashjoin_duration

max_hashjoin_duration

med_hashjoin_duration

avg_hashjoin_duration

std_hashjoin_duration

number_hashjoin_steps

min_insert_duration

max_insert_duration

med_insert_duration

avg_insert_duration

lf_241129.steps_stats_durations_on_both_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4
number_dist_steps	int8

column	data type
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval
med_mergejoin_duration	float4

column	data type
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4
number_save_steps	int8

column	data type
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

user_id

user_name

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

min_hash_duration

lf_241129.steps_stats_durations_on_both_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

user_id

user_name

start_ts

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

user_id

user_name

start_ts

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

user_id

user_name

start_ts

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_stats_durations_on_both_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
node_type	varchar
min_aggr_duration	interval
max_aggr_duration	interval
med_aggr_duration	float4
avg_aggr_duration	interval
std_aggr_duration	float4
number_aggr_steps	int8
min_bcast_duration	interval
max_bcast_duration	interval
med_bcast_duration	float4
avg_bcast_duration	interval
std_bcast_duration	float4
number_bcast_steps	int8
min_delete_duration	interval
max_delete_duration	interval
med_delete_duration	float4
avg_delete_duration	interval
std_delete_duration	float4
number_delete_steps	int8
min_dist_duration	interval
max_dist_duration	interval
med_dist_duration	float4
avg_dist_duration	interval
std_dist_duration	float4

column	data type
number_dist_steps	int8
min_hash_duration	interval
max_hash_duration	interval
med_hash_duration	float4
avg_hash_duration	interval
std_hash_duration	float4
number_hash_steps	int8
min_hashjoin_duration	interval
max_hashjoin_duration	interval
med_hashjoin_duration	float4
avg_hashjoin_duration	interval
std_hashjoin_duration	float4
number_hashjoin_steps	int8
min_insert_duration	interval
max_insert_duration	interval
med_insert_duration	float4
avg_insert_duration	interval
std_insert_duration	float4
number_insert_steps	int8
min_limit_duration	interval
max_limit_duration	interval
med_limit_duration	float4
avg_limit_duration	interval
std_limit_duration	float4
number_limit_steps	int8
min_merge_duration	interval
max_merge_duration	interval
med_merge_duration	float4
avg_merge_duration	interval
std_merge_duration	float4
number_merge_steps	int8
min_mergejoin_duration	interval
max_mergejoin_duration	interval

column	data type
med_mergejoin_duration	float4
avg_mergejoin_duration	interval
std_mergejoin_duration	float4
number_mergejoin_steps	int8
min_nestloop_duration	interval
max_nestloop_duration	interval
med_nestloop_duration	float4
avg_nestloop_duration	interval
std_nestloop_duration	float4
number_nestloop_steps	int8
min_parse_duration	interval
max_parse_duration	interval
med_parse_duration	float4
avg_parse_duration	interval
std_parse_duration	float4
number_parse_steps	int8
min_project_duration	interval
max_project_duration	interval
med_project_duration	float4
avg_project_duration	interval
std_project_duration	float4
number_project_steps	int8
min_return_duration	interval
max_return_duration	interval
med_return_duration	float4
avg_return_duration	interval
std_return_duration	float4
number_return_steps	int8
min_save_duration	interval
max_save_duration	interval
med_save_duration	float4
avg_save_duration	interval
std_save_duration	float4

column	data type
number_save_steps	int8
min_sort_duration	interval
max_sort_duration	interval
med_sort_duration	float4
avg_sort_duration	interval
std_sort_duration	float4
number_sort_steps	int8
min_spatial_join_duration	interval
max_spatial_join_duration	interval
med_spatial_join_duration	float4
avg_spatial_join_duration	interval
std_spatial_join_duration	float4
number_spatial_join_steps	int8
min_unique_duration	interval
max_unique_duration	interval
med_unique_duration	float4
avg_unique_duration	interval
std_unique_duration	float4
number_unique_steps	int8
min_window_duration	interval
max_window_duration	interval
med_window_duration	float4
avg_window_duration	interval
std_window_duration	float4
number_window_steps	int8

Column Descriptions

user_id

user_name

start_ts

node_type

min_aggr_duration

max_aggr_duration

med_aggr_duration

avg_aggr_duration

std_aggr_duration

number_aggr_steps

min_bcast_duration

max_bcast_duration

med_bcast_duration

avg_bcast_duration

std_bcast_duration

number_bcast_steps

min_delete_duration

max_delete_duration

med_delete_duration

avg_delete_duration

std_delete_duration

number_delete_steps

min_dist_duration

max_dist_duration

med_dist_duration

avg_dist_duration

std_dist_duration

number_dist_steps

lf_241129.steps_totals_data_on_both_for_all_by_all

Description

Columns

column	data type
node_type	varchar
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8

column	data type
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_type

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

sum_save_on_disk_bytes

lf_241129.steps_totals_data_on_both_for_all_by_day

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_all_by_hour

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_all_by_minute

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_all_by_second

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_node_by_all

Description

Columns

column	data type
node_ordinal	int2
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8

column	data type
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_ordinal

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

sum_save_on_disk_bytes

lf_241129.steps_totals_data_on_both_for_node_by_day

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_node_by_hour

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_node_by_minute

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_node_by_second

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

node_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_query

Description

Columns

column	data type
query_id	int4
node_type	varchar
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

query_id

node_type

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_slices_by_all

Description

Columns

column	data type
slice_ordinal	int2
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8

column	data type
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

slice_ordinal

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

sum_save_on_disk_bytes

lf_241129.steps_totals_data_on_both_for_slices_by_day

Description

Columns

column	data type
slice_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

slice_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_slices_by_hour

Description

Columns

column	data type
slice_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

slice_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_slices_by_minute

Description

Columns

column	data type
slice_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

slice_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_slices_by_second

Description

Columns

column	data type
slice_ordinal	int2
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

slice_ordinal

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_statements_by_all

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8
sum_return_packets	int8

column	data type
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

statement_name

node_type

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

sum_return_rows

lf_241129.steps_totals_data_on_both_for_statements_by_day

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8

column	data type
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

statement_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

lf_241129.steps_totals_data_on_both_for_statements_by_hour

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8

column	data type
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

statement_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

lf_241129.steps_totals_data_on_both_for_statements_by_minute

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8

column	data type
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

statement_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

lf_241129.steps_totals_data_on_both_for_statements_by_second

Description

Columns

column	data type
statement_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8

column	data type
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

statement_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

lf_241129.steps_totals_data_on_both_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
node_type	varchar
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8
sum_return_bytes	int8

column	data type
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

user_id

user_name

node_type

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

sum_return_packets

lf_241129.steps_totals_data_on_both_for_users_by_day

Description

Columns

column	data type
usesysid	int4
user_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8

column	data type
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

usesysid

user_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

lf_241129.steps_totals_data_on_both_for_users_by_hour

Description

Columns

column	data type
usesysid	int4
user_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8

column	data type
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

usesysid

user_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

lf_241129.steps_totals_data_on_both_for_users_by_minute

Description

Columns

column	data type
usesysid	int4
user_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8

column	data type
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

usesysid

user_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

lf_241129.steps_totals_data_on_both_for_users_by_second

Description

Columns

column	data type
usesysid	int4
user_name	varchar
node_type	varchar
start_ts	timestamp
sum_aggr_on_disk_bytes	int8
sum_aggr_in_memory_bytes	int8
sum_aggr_on_disk_rows	int8
sum_aggr_in_memory_rows	int8
sum_bcast_bytes	int8
sum_bcast_packets	int8
sum_bcast_rows	int8
sum_delete_rows	int8
sum_dist_bytes	int8
sum_dist_packets	int8
sum_dist_rows	int8
sum_hash_on_disk_bytes	int8
sum_hash_in_memory_bytes	int8
sum_hash_on_disk_rows	int8
sum_hash_in_memory_rows	int8
sum_hashjoin_rows	int8
sum_insert_rows	int8
sum_limit_rows	int8
sum_merge_rows	int8
sum_mergejoin_rows	int8
sum_nestloop_rows	int8
sum_parse_rows	int8
sum_project_rows	int8

column	data type
sum_return_bytes	int8
sum_return_packets	int8
sum_return_rows	int8
sum_save_on_disk_bytes	int8
sum_save_in_memory_bytes	int8
sum_save_on_disk_rows	int8
sum_save_in_memory_rows	int8
sum_sort_on_disk_bytes	int8
sum_sort_in_memory_bytes	int8
sum_sort_on_disk_rows	int8
sum_sort_in_memory_rows	int8
sum_spatial_join_rows	int8
sum_unique_on_disk_bytes	int8
sum_unique_in_memory_bytes	int8
sum_unique_on_disk_rows	int8
sum_unique_in_memory_rows	int8
sum_window_rows	int8

Column Descriptions

usesysid

user_name

node_type

start_ts

sum_aggr_on_disk_bytes

sum_aggr_in_memory_bytes

sum_aggr_on_disk_rows

sum_aggr_in_memory_rows

sum_bcast_bytes

sum_bcast_packets

sum_bcast_rows

sum_delete_rows

sum_dist_bytes

sum_dist_packets

sum_dist_rows

sum_hash_on_disk_bytes

sum_hash_in_memory_bytes

sum_hash_on_disk_rows

sum_hash_in_memory_rows

sum_hashjoin_rows

sum_insert_rows

sum_limit_rows

sum_merge_rows

sum_mergejoin_rows

sum_nestloop_rows

sum_parse_rows

sum_project_rows

sum_return_bytes

lf_241129.steps_totals_rows_on_workers_for_all_by_all

Description

Columns

column	data type
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_query

Description

Columns

column	data type
query_id	int4
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

query_id

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_schemas_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_schemas_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_schemas_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_schemas_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_schemas_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_tables_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_tables_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_tables_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_tables_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_tables_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
sum_delete_rows	int8
sum_insert_rows	int8
sum_scan_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

sum_delete_rows

sum_insert_rows

sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

user_id

user_name

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_rows_on_workers_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
notnulled_sum_delete_rows	int8
notnulled_sum_insert_rows	int8
notnulled_sum_scan_rows	int8

Column Descriptions

user_id

user_name

start_ts

notnulled_sum_delete_rows

notnulled_sum_insert_rows

notnulled_sum_scan_rows

lf_241129.steps_totals_scan_data_on_both_for_all_by_all

Description

Columns

column	data type
node_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8

column	data type
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

sum_type_28_rows

lf_241129.steps_totals_scan_data_on_both_for_all_by_day

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_all_by_hour

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_all_by_minute

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_all_by_second

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_node_by_all

Description

Columns

column	data type
node_ordinal	int2
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8

column	data type
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

sum_type_28_rows

lf_241129.steps_totals_scan_data_on_both_for_node_by_day

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_node_by_hour

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_node_by_minute

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_node_by_second

Description

Columns

column	data type
node_ordinal	int2
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_query

Description

Columns

column	data type
query_id	int4
node_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8

column	data type
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

query_id

node_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

sum_type_25_bytes

lf_241129.steps_totals_scan_data_on_both_for_queues_by_all

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
node_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8

column	data type
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

queue_id

queue_name

node_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

lf_241129.steps_totals_scan_data_on_both_for_queues_by_day

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

queue_id

queue_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_queues_by_hour

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

queue_id

queue_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_queues_by_minute

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

queue_id

queue_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_queues_by_second

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

queue_id

queue_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_schemas_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
node_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8

column	data type
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

node_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

lf_241129.steps_totals_scan_data_on_both_for_schemas_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_schemas_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_schemas_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_schemas_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_slices_by_all

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8

column	data type
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

lf_241129.steps_totals_scan_data_on_both_for_slices_by_day

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_slices_by_hour

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_slices_by_minute

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_slices_by_second

Description

Columns

column	data type
node_ordinal	int2
slice_ordinal	int2
slice_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

node_ordinal

slice_ordinal

slice_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_tables_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8

column	data type
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

lf_241129.steps_totals_scan_data_on_both_for_tables_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8

column	data type
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

lf_241129.steps_totals_scan_data_on_both_for_tables_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8

column	data type
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

lf_241129.steps_totals_scan_data_on_both_for_tables_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8

column	data type
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

lf_241129.steps_totals_scan_data_on_both_for_tables_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
node_type	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8

column	data type
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

node_type

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

lf_241129.steps_totals_scan_data_on_both_for_users_by_all

Description

Columns

column	data type
user_id	int4
node_type	varchar
user_name	varchar
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8
sum_type_24_bytes	int8

column	data type
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

user_id

node_type

user_name

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sum_type_25_rows

lf_241129.steps_totals_scan_data_on_both_for_users_by_day

Description

Columns

column	data type
user_id	int4
node_type	varchar
user_name	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

user_id

node_type

user_name

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_users_by_hour

Description

Columns

column	data type
user_id	int4
node_type	varchar
user_name	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

user_id

node_type

user_name

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_users_by_minute

Description

Columns

column	data type
user_id	int4
node_type	varchar
user_name	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

user_id

node_type

user_name

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

lf_241129.steps_totals_scan_data_on_both_for_users_by_second

Description

Columns

column	data type
user_id	int4
node_type	varchar
user_name	varchar
start_ts	timestamp
sum_type_1_rows	int8
sum_type_1_bytes	int8
sum_type_2m_rows	int8
sum_type_2e_rows	int8
sum_type_2_rows	int8
sum_type_2_bytes	int8
sum_type_3_rows	int8
sum_type_3_bytes	int8
sum_type_9_rows	int8
sum_type_9_bytes	int8
sum_type_16_rows	int8
sum_type_16_bytes	int8
sum_type_17_rows	int8
sum_type_17_bytes	int8
sum_type_18_rows	int8
sum_type_18_bytes	int8
sum_type_21_rows	int8
sum_type_21_bytes	int8
sum_type_22_rows	int8
sum_type_22_bytes	int8
sum_type_23_rows	int8
sum_type_23_bytes	int8
sum_type_24_rows	int8

column	data type
sum_type_24_bytes	int8
sum_type_25_rows	int8
sum_type_25_bytes	int8
sum_type_28_rows	int8
sum_type_28_bytes	int8
sum_type_29m_rows	int8
sum_type_29e_rows	int8
sum_type_29_rows	int8
sum_type_29_bytes	int8
sum_type_30_rows	int8
sum_type_30_bytes	int8
sum_type_32_rows	int8
sum_type_32_bytes	int8
sum_type_33_rows	int8
sum_type_33_bytes	int8
sum_type_35_rows	int8
sum_type_35_bytes	int8
sum_type_36_rows	int8
sum_type_36_bytes	int8
sum_type_37_rows	int8
sum_type_37_bytes	int8

Column Descriptions

user_id

node_type

user_name

start_ts

sum_type_1_rows

sum_type_1_bytes

sum_type_2m_rows

sum_type_2e_rows

sum_type_2_rows

sum_type_2_bytes

sum_type_3_rows

sum_type_3_bytes

sum_type_9_rows

sum_type_9_bytes

sum_type_16_rows

sum_type_16_bytes

sum_type_17_rows

sum_type_17_bytes

sum_type_18_rows

sum_type_18_bytes

sum_type_21_rows

sum_type_21_bytes

sum_type_22_rows

sum_type_22_bytes

sum_type_23_rows

sum_type_23_bytes

sum_type_24_rows

sum_type_24_bytes

sf_241129.steps_stats_durations_on_both_for_all_by_all_complete

Description

Columns

column	data type
node_type	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node_type

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_all_concise

Description

Columns

column	data type
node	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

node

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_day_complete

Description

Columns

column	data type
node_type	varchar
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node_type

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_day_concise

Description

Columns

column	data type
node	varchar
start_ts	date
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_hour_complete

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node_type

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_hour_concise

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_minute_complete

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node_type

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

`sf_241129.steps_stats_durations_on_both_for_all_by_minute_concise`

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

`sf_241129.steps_stats_durations_on_both_for_all_by_second_complete`

Description

Columns

column	data type
node_type	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node_type

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_all_by_second_concise

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_all_complete

Description

Columns

column	data type
n	int2
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

n

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_all_concise

Description

Columns

column	data type
n	int2
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

n

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_day_complete

Description

Columns

column	data type
start_ts	date
n	int2
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_day_concise

Description

Columns

column	data type
start_ts	date
n	int2
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_hour_complete

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_hour_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_minute_complete

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_minute_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

`sf_241129.steps_stats_durations_on_both_for_node_by_second_complete`

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_node_by_second_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_all_complete

Description

Columns

column	data type
n	int2
s	int2
t	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

n

s

t

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_all_concise

Description

Columns

column	data type
n	int2
s	int2
t	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

n

s

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aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_day_complete

Description

Columns

column	data type
start_ts	date
n	int2
s	int2
t	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

s

t

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_day_concise

Description

Columns

column	data type
start_ts	date
n	int2
s	int2
t	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

s

t

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_hour_complete

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

s

t

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_hour_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

s

t

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_minute_complete

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

s

t

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_minute_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

s

t

aggr

bcast

del

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hash

hjoin

iinsert

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mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_second_complete

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

start_ts

n

s

t

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_slices_by_second_concise

Description

Columns

column	data type
start_ts	timestamp
n	int2
s	int2
t	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

start_ts

n

s

t

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

`sf_241129.steps_stats_durations_on_both_for_statements_by_all`

Description

Columns

column	data type
stmt	varchar
node	varchar
step	varchar
min	numeric
max	numeric
med	numeric
avg	numeric
std	numeric
num	int8

Column Descriptions

stmt

node

step

min

max

med

avg

std

num

`sf_241129.steps_stats_durations_on_both_for_statements_by_day`

Description

Columns

column	data type
stmt	varchar
node	varchar
step	varchar
start_ts	date
min	numeric
max	numeric
med	numeric
avg	numeric
std	numeric
num	int8

Column Descriptions

stmt

node

step

start_ts

min

max

med

avg

std

num

`sf_241129.steps_stats_durations_on_both_for_statements_by_hour`

Description

Columns

column	data type
stmt	varchar
node	varchar
step	varchar
start_ts	timestamp
min	numeric
max	numeric
med	numeric
avg	numeric
std	numeric
num	int8

Column Descriptions

stmt

node

step

start_ts

min

max

med

avg

std

num

`sf_241129.steps_stats_durations_on_both_for_statements_by_minute`

Description

Columns

column	data type
stmt	varchar
node	varchar
step	varchar
start_ts	timestamp
min	numeric
max	numeric
med	numeric
avg	numeric
std	numeric
num	int8

Column Descriptions

stmt

node

step

start_ts

min

max

med

avg

std

num

`sf_241129.steps_stats_durations_on_both_for_statements_by_second`

Description

Columns

column	data type
stmt	varchar
node	varchar
step	varchar
start_ts	timestamp
min	numeric
max	numeric
med	numeric
avg	numeric
std	numeric
num	int8

Column Descriptions

stmt

node

step

start_ts

min

max

med

avg

std

num

`sf_241129.steps_stats_durations_on_both_for_tables_by_all_complete`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
aggr	varchar
ddelete	varchar
hashjoin	varchar
iinsert	varchar
mergejoin	varchar
nestloop_op	varchar
save	varchar
ssort	varchar

Column Descriptions

sschema

ttable

node

aggr

ddelete

hashjoin

iinsert

mergejoin

nestloop_op

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_all_concise`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
aggr	numeric
del	numeric
hjoin	numeric
iinsert	numeric
mjoin	numeric
nloop	numeric
save	numeric
ssort	numeric

Column Descriptions

sschema

ttable

node

aggr

del

hjoin

iinsert

mjoin

nloop

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_day_complete`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	date
aggr	varchar
ddelete	varchar
hashjoin	varchar
iinsert	varchar
mergejoin	varchar
nestloop_op	varchar
save	varchar
ssort	varchar

Column Descriptions

sschema

ttable

node

start_ts

aggr

ddelete

hashjoin

iinsert

mergejoin

nestloop_op

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_day_concise`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	date
aggr	numeric
del	numeric
hjoin	numeric
iinsert	numeric
mjoin	numeric
nloop	numeric
save	numeric
ssort	numeric

Column Descriptions

sschema

ttable

node

start_ts

aggr

del

hjoin

iinsert

mjoin

nloop

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_hour_complete`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	varchar
ddelete	varchar
hashjoin	varchar
iinsert	varchar
mergejoin	varchar
nestloop_op	varchar
save	varchar
ssort	varchar

Column Descriptions

sschema

ttable

node

start_ts

aggr

ddelete

hashjoin

iinsert

mergejoin

nestloop_op

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_hour_concise`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	numeric
del	numeric
hjoin	numeric
iinsert	numeric
mjoin	numeric
nloop	numeric
save	numeric
ssort	numeric

Column Descriptions

sschema

ttable

node

start_ts

aggr

del

hjoin

iinsert

mjoin

nloop

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_minute_complete`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	varchar
ddelete	varchar
hashjoin	varchar
iinsert	varchar
mergejoin	varchar
nestloop_op	varchar
save	varchar
ssort	varchar

Column Descriptions

sschema

ttable

node

start_ts

aggr

ddelete

hashjoin

iinsert

mergejoin

nestloop_op

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_minute_concise`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	numeric
del	numeric
hjoin	numeric
iinsert	numeric
mjoin	numeric
nloop	numeric
save	numeric
ssort	numeric

Column Descriptions

sschema

ttable

node

start_ts

aggr

del

hjoin

iinsert

mjoin

nloop

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_second_complete`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	varchar
ddelete	varchar
hashjoin	varchar
iinsert	varchar
mergejoin	varchar
nestloop_op	varchar
save	varchar
ssort	varchar

Column Descriptions

sschema

ttable

node

start_ts

aggr

ddelete

hashjoin

iinsert

mergejoin

nestloop_op

save

ssort

`sf_241129.steps_stats_durations_on_both_for_tables_by_second_concise`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
aggr	numeric
del	numeric
hjoin	numeric
iinsert	numeric
mjoin	numeric
nloop	numeric
save	numeric
ssort	numeric

Column Descriptions

sschema

ttable

node

start_ts

aggr

del

hjoin

iinsert

mjoin

nloop

save

ssort

sf_241129.steps_stats_durations_on_both_for_users_by_all_complete

Description

Columns

column	data type
uuser	varchar
node	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_all_concise

Description

Columns

column	data type
uuser	varchar
node	varchar
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

uuser

node

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_day_complete

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_day_concise

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	date
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
mjoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

uuser

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_hour_complete

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_hour_concise

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

uuser

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_minute_complete

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_minute_concise

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

uuser

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_second_complete

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hashjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mergejoin	varchar
nestloop_op	varchar
parse	varchar
project	varchar
rreturn	varchar
save	varchar
ssort	varchar
spatial_join	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hashjoin

iinsert

llimit

mmerge

mergejoin

nestloop_op

parse

project

rreturn

save

ssort

spatial_join

uunique

wwindow

sf_241129.steps_stats_durations_on_both_for_users_by_second_concise

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	numeric
bcast	numeric
del	numeric
dist	numeric
hash	numeric
hjoin	numeric
iinsert	numeric
llimit	numeric
mmerge	numeric
njoin	numeric
nloop	numeric
rreturn	numeric
save	numeric
ssort	numeric
uunique	numeric
wwindow	numeric

Column Descriptions

uuser

node

start_ts

aggr

bcast

del

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_all_by_all

Description

Columns

column	data type
node	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_all_by_day

Description

Columns

column	data type
node	varchar
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_all_by_hour

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_all_by_minute

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_all_by_second

Description

Columns

column	data type
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_node_by_all

Description

Columns

column	data type
node	int2
aggr	vchar
bcast	vchar
ddelete	vchar
dist	vchar
hash	vchar
hjoin	vchar
iinsert	vchar
llimit	vchar
mmerge	vchar
mjoin	vchar
nloop	vchar
rreturn	vchar
save	vchar
ssort	vchar
uunique	vchar
wwindow	vchar

Column Descriptions

node

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_node_by_day

Description

Columns

column	data type
node	int2
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_node_by_hour

Description

Columns

column	data type
node	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_node_by_minute

Description

Columns

column	data type
node	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_node_by_second

Description

Columns

column	data type
node	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_query

Description

Columns

column	data type
qid	int4
node	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

qid

node

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_slices_by_all

Description

Columns

column	data type
slice	int2
aggr	vchar
bcast	vchar
ddelete	vchar
dist	vchar
hash	vchar
hjoin	vchar
iinsert	vchar
llimit	vchar
mmerge	vchar
mjoin	vchar
nloop	vchar
rreturn	vchar
save	vchar
ssort	vchar
uunique	vchar
wwindow	vchar

Column Descriptions

slice

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_slices_by_day

Description

Columns

column	data type
slice	int2
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

slice

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_slices_by_hour

Description

Columns

column	data type
slice	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

slice

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

`sf_241129.steps_totals_data_on_both_for_slices_by_minute`

Description

Columns

column	data type
slice	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

slice

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_slices_by_second

Description

Columns

column	data type
slice	int2
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

slice

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_statements_by_all

Description

Columns

column	data type
stmt	varchar
node	varchar
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

stmt

node

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_statements_by_day

Description

Columns

column	data type
stmt	varchar
node	varchar
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

stmt

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_statements_by_hour

Description

Columns

column	data type
stmt	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

stmt

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_statements_by_minute

Description

Columns

column	data type
stmt	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

stmt

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_statements_by_second

Description

Columns

column	data type
stmt	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

stmt

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_users_by_all

Description

Columns

column	data type
uuser	vvarchar
node	vvarchar
aggr	vvarchar
bcast	vvarchar
ddelete	vvarchar
dist	vvarchar
hash	vvarchar
hjoin	vvarchar
iinsert	vvarchar
llimit	vvarchar
mmerge	vvarchar
mjoin	vvarchar
nloop	vvarchar
rreturn	vvarchar
save	vvarchar
ssort	vvarchar
uunique	vvarchar
wwindow	vvarchar

Column Descriptions

uuser

node

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_users_by_day

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	date
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
mjoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_users_by_hour

Description

Columns

column	data type
uuser	vvarchar
node	vvarchar
start_ts	timestamp
aggr	vvarchar
bcast	vvarchar
ddelete	vvarchar
dist	vvarchar
hash	vvarchar
hjoin	vvarchar
iinsert	vvarchar
llimit	vvarchar
mmerge	vvarchar
njoin	vvarchar
nloop	vvarchar
rreturn	vvarchar
save	vvarchar
ssort	vvarchar
uunique	vvarchar
wwindow	vvarchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_users_by_minute

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
aggr	varchar
bcast	varchar
ddelete	varchar
dist	varchar
hash	varchar
hjoin	varchar
iinsert	varchar
llimit	varchar
mmerge	varchar
njoin	varchar
nloop	varchar
rreturn	varchar
save	varchar
ssort	varchar
uunique	varchar
wwindow	varchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

sf_241129.steps_totals_data_on_both_for_users_by_second

Description

Columns

column	data type
uuser	vvarchar
node	vvarchar
start_ts	timestamp
aggr	vvarchar
bcast	vvarchar
ddelete	vvarchar
dist	vvarchar
hash	vvarchar
hjoin	vvarchar
iinsert	vvarchar
llimit	vvarchar
mmerge	vvarchar
njoin	vvarchar
nloop	vvarchar
rreturn	vvarchar
save	vvarchar
ssort	vvarchar
uunique	vvarchar
wwindow	vvarchar

Column Descriptions

uuser

node

start_ts

aggr

bcast

ddelete

dist

hash

hjoin

iinsert

llimit

mmerge

mjoin

nloop

rreturn

save

ssort

uunique

wwindow

`sf_241129.steps_totals_rows_on_workers_for_all_by_all`

Description

Columns

column	data type
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	date
<code>ddelete</code>	varchar
<code>iinsert</code>	varchar
<code>scan</code>	varchar

Column Descriptions

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>ddelete</code>	varchar
<code>iinsert</code>	varchar
<code>scan</code>	varchar

Column Descriptions

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>ddelete</code>	varchar
<code>iinsert</code>	varchar
<code>scan</code>	varchar

Column Descriptions

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_all_by_second`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>ddelete</code>	varchar
<code>iinsert</code>	varchar
<code>scan</code>	varchar

Column Descriptions

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_query`

Description

Columns

column	data type
qid	int4
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

qid

ddelete

iinsert

scan

`sf_241129.steps_totals_rows_on_workers_for_schemas_by_all`

Description

Columns

column	data type
sschema	varchar
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ddelete

iinsert

scan

sf_241129.steps_totals_rows_on_workers_for_schemas_by_day

Description

Columns

column	data type
sschema	varchar
start_ts	date
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

start_ts

ddelete

iinsert

scan

sf_241129.steps_totals_rows_on_workers_for_schemas_by_hour

Description

Columns

column	data type
sschema	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

start_ts

ddelete

iinsert

scan

`sf_241129.steps_totals_rows_on_workers_for_schemas_by_minute`

Description

Columns

column	data type
<code>sschema</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>ddelete</code>	<code>varchar</code>
<code>iinsert</code>	<code>varchar</code>
<code>scan</code>	<code>varchar</code>

Column Descriptions

`sschema`

`start_ts`

`ddelete`

`iinsert`

`scan`

sf_241129.steps_totals_rows_on_workers_for_schemas_by_second

Description

Columns

column	data type
sschema	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

start_ts

ddelete

iinsert

scan

`sf_241129.steps_totals_rows_on_workers_for_tables_by_all`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ttable

ddelete

iinsert

scan

`sf_241129.steps_totals_rows_on_workers_for_tables_by_day`

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	date
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ttable

start_ts

ddelete

iinsert

scan

sf_241129.steps_totals_rows_on_workers_for_tables_by_hour

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ttable

start_ts

ddelete

iinsert

scan

sf_241129.steps_totals_rows_on_workers_for_tables_by_minute

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ttable

start_ts

ddelete

iinsert

scan

sf_241129.steps_totals_rows_on_workers_for_tables_by_second

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

sschema

ttable

start_ts

ddelete

iinsert

scan

`sf_241129.steps_totals_rows_on_workers_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

`uuser`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_users_by_day`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>date</code>
<code>ddelete</code>	<code>varchar</code>
<code>iinsert</code>	<code>varchar</code>
<code>scan</code>	<code>varchar</code>

Column Descriptions

`uuser`

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_users_by_hour`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

`uuser`

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_users_by_minute`

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
ddelete	varchar
iinsert	varchar
scan	varchar

Column Descriptions

`uuser`

`start_ts`

`ddelete`

`iinsert`

`scan`

`sf_241129.steps_totals_rows_on_workers_for_users_by_second`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>ddelete</code>	<code>varchar</code>
<code>iinsert</code>	<code>varchar</code>
<code>scan</code>	<code>varchar</code>

Column Descriptions

`uuser`

`start_ts`

`ddelete`

`iinsert`

`scan`

sf_241129.steps_totals_scan_data_on_both_for_all_by_all

Description

Columns

column	data type
node	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_all_by_day

Description

Columns

column	data type
node	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_all_by_hour

Description

Columns

column	data type
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_all_by_minute

Description

Columns

column	data type
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_all_by_second

Description

Columns

column	data type
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_node_by_all

Description

Columns

column	data type
n	int2
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_node_by_day

Description

Columns

column	data type
n	int2
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_node_by_hour

Description

Columns

column	data type
n	int2
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_node_by_minute

Description

Columns

column	data type
n	int2
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_node_by_second

Description

Columns

column	data type
n	int2
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_query

Description

Columns

column	data type
qid	int4
node	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

qid

node

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_queues_by_all

Description

Columns

column	data type
node	varchar
qname	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

qname

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_queues_by_day

Description

Columns

column	data type
qname	varchar
node	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

qname

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_queues_by_hour

Description

Columns

column	data type
qname	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

qname

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_queues_by_minute

Description

Columns

column	data type
qname	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

qname

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_queues_by_second

Description

Columns

column	data type
qname	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

qname

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_schemas_by_all

Description

Columns

column	data type
node	varchar
sschema	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

sschema

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_schemas_by_day

Description

Columns

column	data type
sschema	varchar
node	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_schemas_by_hour

Description

Columns

column	data type
sschema	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_schemas_by_minute

Description

Columns

column	data type
sschema	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_schemas_by_second

Description

Columns

column	data type
sschema	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_slices_by_all

Description

Columns

column	data type
n	int2
s	int2
t	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

s

t

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_slices_by_day

Description

Columns

column	data type
n	int2
s	int2
t	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

s

t

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_slices_by_hour

Description

Columns

column	data type
n	int2
s	int2
t	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

s

t

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_slices_by_minute

Description

Columns

column	data type
n	int2
s	int2
t	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

s

t

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_slices_by_second

Description

Columns

column	data type
n	int2
s	int2
t	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

n

s

t

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_tables_by_all

Description

Columns

column	data type
node	varchar
sschema	varchar
ttable	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

sschema

ttable

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_tables_by_day

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

ttable

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_tables_by_hour

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

ttable

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_tables_by_minute

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

ttable

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_tables_by_second

Description

Columns

column	data type
sschema	varchar
ttable	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

sschema

ttable

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_users_by_all

Description

Columns

column	data type
node	varchar
uuser	varchar
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

node

uuser

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_users_by_day

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	date
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

uuser

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

uuser

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_users_by_minute

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

uuser

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

sf_241129.steps_totals_scan_data_on_both_for_users_by_second

Description

Columns

column	data type
uuser	varchar
node	varchar
start_ts	timestamp
t1	varchar
t2bmer	varchar
t3	varchar
t9	varchar
t16	varchar
t17	varchar
t18	varchar
t21	varchar
t22	varchar
t23	varchar
t24	varchar
t25	varchar
t28	varchar
t29bmer	varchar
t30	varchar
t32	varchar
t33	varchar
t35	varchar
t36	varchar
t37	varchar

Column Descriptions

uuser

node

start_ts

t1

t2bmer

t3

t9

t16

t17

t18

t21

t22

t23

t24

t25

t28

t29bmer

t30

t32

t33

t35

t36

t37

Transactions

This section contains views showing information about transactions.

There's a foundational view, `lf/sf.transactions`, and this is the basis for `lf/sf.transaction_batches`, which adds extra columns to show commit batch information.

Just remember on a busy system there's a long delay, after the final time for the batch, until the commit actually returns to the user, with that delay not recorded anywhere in the system tables.

base_241129.transactions

Description

Columns

column	data type
user_id	int4
session_id	int4
transaction_id	int8
transaction_start_ts	timestamp
transaction_end_ts	timestamp
transaction_query_queue_duration	interval
transaction_query_compile_exec_duration	interval
transaction_query_total_duration	interval
transaction_idle_duration	interval
transaction_duration	interval
transaction_number_csc_queries	int4
transaction_number_rc_queries	int4
transaction_number_leader_queries	int4
transaction_number_worker_queries	int4
transaction_number_total_queries	int4
transaction_abort_flag	bool

Column Descriptions

user_id

session_id

transaction_id

transaction_start_ts

transaction_end_ts

transaction_query_queue_duration

transaction_query_compile_exec_duration

transaction_query_total_duration

transaction_idle_duration

transaction_duration

transaction_number_csc_queries

transaction_number_rc_queries

transaction_number_leader_queries

transaction_number_worker_queries

transaction_number_total_queries

transaction_abort_flag

base_241129.transactions_blocks

Description

Columns

column	data type
transaction_id	int8
transaction_number_blocks_read	int8
transaction_number_blocks_to_disk	int8

Column Descriptions

transaction_id

transaction_number_blocks_read

transaction_number_blocks_to_disk

base_241129.transactions_compilation

Description

Columns

column	data type
user_id	int4
transaction_id	int8
transaction_compile_duration	interval

Column Descriptions

user_id

transaction_id

transaction_compile_duration

base_241129.transactions_in_batches

Description

Columns

column	data type
batch_id	int8
transaction_id	int8
transaction_batch_queue_start	timestamp

Column Descriptions

batch_id

transaction_id

transaction_batch_queue_start

lf_241129.transactions

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
transaction_start_ts	timestamp
transaction_end_ts	timestamp
transaction_query_queue_duration	interval
transaction_query_compile_exec_duration	interval
transaction_query_total_duration	interval
transaction_idle_duration	interval
transaction_duration	interval
transaction_number_csc_queries	int4
transaction_number_rc_queries	int4
transaction_number_leader_queries	int4
transaction_number_worker_queries	int4
transaction_number_total_queries	int4
transaction_abort_flag	bool

Column Descriptions

user_id

user_name

session_id

transaction_id

transaction_start_ts

transaction_end_ts

transaction_query_queue_duration

transaction_query_compile_exec_duration

transaction_query_total_duration

transaction_idle_duration

transaction_duration

transaction_number_csc_queries

transaction_number_rc_queries

transaction_number_leader_queries

transaction_number_worker_queries

transaction_number_total_queries

transaction_abort_flag

lf_241129.transactions_batches

Description

Columns

column	data type
user_id	int4
user_name	varchar
session_id	int4
transaction_id	int8
transaction_start_ts	timestamp
transaction_end_ts	timestamp
transaction_query_queue_duration	interval
transaction_query_compile_exec_duration	interval
transaction_query_total_duration	interval
transaction_idle_duration	interval
transaction_duration	interval
transaction_number_csc_queries	int4
transaction_number_rc_queries	int4
transaction_number_leader_queries	int4
transaction_number_worker_queries	int4
transaction_number_total_queries	int4
transaction_abort_flag	bool
batch_id	int8
transaction_batch_queue_start	timestamp
transaction_batch_queue_duration	interval
batch_start_ts	timestamp
batch_end_ts	timestamp
batch_leader_duration	interval
batch_worker_duration	interval
batch_queue_duration	interval
batch_exec_duration	interval
batch_total_duration	interval

column	data type
number_batch_blocks	int8
number_batch_headers	int8
number_batch_transactions	int8

Column Descriptions

user_id

user_name

session_id

transaction_id

transaction_start_ts

transaction_end_ts

transaction_query_queue_duration

transaction_query_compile_exec_duration

transaction_query_total_duration

transaction_idle_duration

transaction_duration

transaction_number_csc_queries

transaction_number_rc_queries

transaction_number_leader_queries

transaction_number_worker_queries

transaction_number_total_queries

transaction_abort_flag

batch_id

transaction_batch_queue_start

transaction_batch_queue_duration

batch_start_ts

batch_end_ts

batch_leader_duration

batch_worker_duration

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batch_queue_duration

batch_exec_duration

batch_total_duration

number_batch_blocks

lf_241129.transactions_stats_commits_by_all

Description

Columns

column	data type
min_transaction_batch_queue_start	interval
max_transaction_batch_queue_start	interval
med_transaction_batch_queue_start	float4
avg_transaction_batch_queue_start	interval
std_transaction_batch_queue_start	float4
sum_transaction_batch_queue_start	interval
min_batch_queue_duration	interval
max_batch_queue_duration	interval
med_batch_queue_duration	float4
avg_batch_queue_duration	interval
std_batch_queue_duration	float4
sum_batch_queue_duration	interval
min_batch_leader_duration	interval
max_batch_leader_duration	interval
med_batch_leader_duration	float4
avg_batch_leader_duration	interval
std_batch_leader_duration	float4
sum_batch_leader_duration	interval
min_batch_worker_duration	interval
max_batch_worker_duration	interval
med_batch_worker_duration	float4
avg_batch_worker_duration	interval
std_batch_worker_duration	float4
sum_batch_worker_duration	interval
min_number_batch_transactions	int8
max_number_batch_transactions	int8
med_number_batch_transactions	int8

column	data type
avg_number_batch_transactions	float4
std_number_batch_transactions	float4
sum_number_batch_transactions	int8
min_number_batch_blocks	int8
max_number_batch_blocks	int8
med_number_batch_blocks	int8
avg_number_batch_blocks	float4
std_number_batch_blocks	float4
sum_number_batch_blocks	int8
number_batches	int8

Column Descriptions

min_transaction_batch_queue_start

max_transaction_batch_queue_start

med_transaction_batch_queue_start

avg_transaction_batch_queue_start

std_transaction_batch_queue_start

sum_transaction_batch_queue_start

min_batch_queue_duration

max_batch_queue_duration

med_batch_queue_duration

avg_batch_queue_duration

std_batch_queue_duration

sum_batch_queue_duration

min_batch_leader_duration

max_batch_leader_duration

med_batch_leader_duration

avg_batch_leader_duration

std_batch_leader_duration

sum_batch_leader_duration

min_batch_worker_duration

max_batch_worker_duration

med_batch_worker_duration

avg_batch_worker_duration

std_batch_worker_duration

sum_batch_worker_duration

min_number_batch_transactions

max_number_batch_transactions

med_number_batch_transactions

avg_number_batch_transactions

lf_241129.transactions_stats_commits_by_day

Description

Columns

column	data type
start_ts	timestamp
min_transaction_batch_queue_start	interval
max_transaction_batch_queue_start	interval
med_transaction_batch_queue_start	float4
avg_transaction_batch_queue_start	interval
std_transaction_batch_queue_start	float4
sum_transaction_batch_queue_start	interval
min_batch_queue_duration	interval
max_batch_queue_duration	interval
med_batch_queue_duration	float4
avg_batch_queue_duration	interval
std_batch_queue_duration	float4
sum_batch_queue_duration	interval
min_batch_leader_duration	interval
max_batch_leader_duration	interval
med_batch_leader_duration	float4
avg_batch_leader_duration	interval
std_batch_leader_duration	float4
sum_batch_leader_duration	interval
min_batch_worker_duration	interval
max_batch_worker_duration	interval
med_batch_worker_duration	float4
avg_batch_worker_duration	interval
std_batch_worker_duration	float4
sum_batch_worker_duration	interval
min_number_batch_transactions	int8
max_number_batch_transactions	int8

column	data type
med_number_batch_transactions	int8
avg_number_batch_transactions	float4
std_number_batch_transactions	float4
sum_number_batch_transactions	int8
min_number_batch_blocks	int8
max_number_batch_blocks	int8
med_number_batch_blocks	int8
avg_number_batch_blocks	float4
std_number_batch_blocks	float4
sum_number_batch_blocks	int8
number_batches	int8

Column Descriptions

start_ts

min_transaction_batch_queue_start

max_transaction_batch_queue_start

med_transaction_batch_queue_start

avg_transaction_batch_queue_start

std_transaction_batch_queue_start

sum_transaction_batch_queue_start

min_batch_queue_duration

max_batch_queue_duration

med_batch_queue_duration

avg_batch_queue_duration

std_batch_queue_duration

sum_batch_queue_duration

min_batch_leader_duration

max_batch_leader_duration

med_batch_leader_duration

avg_batch_leader_duration

std_batch_leader_duration

sum_batch_leader_duration

min_batch_worker_duration

max_batch_worker_duration

med_batch_worker_duration

avg_batch_worker_duration

std_batch_worker_duration

sum_batch_worker_duration

min_number_batch_transactions

max_number_batch_transactions

med_number_batch_transactions

lf_241129.transactions_stats_commits_by_hour

Description

Columns

column	data type
start_ts	timestamp
min_transaction_batch_queue_start	interval
max_transaction_batch_queue_start	interval
med_transaction_batch_queue_start	float4
avg_transaction_batch_queue_start	interval
std_transaction_batch_queue_start	float4
sum_transaction_batch_queue_start	interval
min_batch_queue_duration	interval
max_batch_queue_duration	interval
med_batch_queue_duration	float4
avg_batch_queue_duration	interval
std_batch_queue_duration	float4
sum_batch_queue_duration	interval
min_batch_leader_duration	interval
max_batch_leader_duration	interval
med_batch_leader_duration	float4
avg_batch_leader_duration	interval
std_batch_leader_duration	float4
sum_batch_leader_duration	interval
min_batch_worker_duration	interval
max_batch_worker_duration	interval
med_batch_worker_duration	float4
avg_batch_worker_duration	interval
std_batch_worker_duration	float4
sum_batch_worker_duration	interval
min_number_batch_transactions	int8
max_number_batch_transactions	int8

column	data type
med_number_batch_transactions	int8
avg_number_batch_transactions	float4
std_number_batch_transactions	float4
sum_number_batch_transactions	int8
min_number_batch_blocks	int8
max_number_batch_blocks	int8
med_number_batch_blocks	int8
avg_number_batch_blocks	float4
std_number_batch_blocks	float4
sum_number_batch_blocks	int8
number_batches	int8

Column Descriptions

start_ts

min_transaction_batch_queue_start

max_transaction_batch_queue_start

med_transaction_batch_queue_start

avg_transaction_batch_queue_start

std_transaction_batch_queue_start

sum_transaction_batch_queue_start

min_batch_queue_duration

max_batch_queue_duration

med_batch_queue_duration

avg_batch_queue_duration

std_batch_queue_duration

sum_batch_queue_duration

min_batch_leader_duration

max_batch_leader_duration

med_batch_leader_duration

avg_batch_leader_duration

std_batch_leader_duration

sum_batch_leader_duration

min_batch_worker_duration

max_batch_worker_duration

med_batch_worker_duration

avg_batch_worker_duration

std_batch_worker_duration

sum_batch_worker_duration

min_number_batch_transactions

max_number_batch_transactions

med_number_batch_transactions

lf_241129.transactions_stats_commits_by_minute

Description

Columns

column	data type
start_ts	timestamp
min_transaction_batch_queue_start	interval
max_transaction_batch_queue_start	interval
med_transaction_batch_queue_start	float4
avg_transaction_batch_queue_start	interval
std_transaction_batch_queue_start	float4
sum_transaction_batch_queue_start	interval
min_batch_queue_duration	interval
max_batch_queue_duration	interval
med_batch_queue_duration	float4
avg_batch_queue_duration	interval
std_batch_queue_duration	float4
sum_batch_queue_duration	interval
min_batch_leader_duration	interval
max_batch_leader_duration	interval
med_batch_leader_duration	float4
avg_batch_leader_duration	interval
std_batch_leader_duration	float4
sum_batch_leader_duration	interval
min_batch_worker_duration	interval
max_batch_worker_duration	interval
med_batch_worker_duration	float4
avg_batch_worker_duration	interval
std_batch_worker_duration	float4
sum_batch_worker_duration	interval
min_number_batch_transactions	int8
max_number_batch_transactions	int8

column	data type
med_number_batch_transactions	int8
avg_number_batch_transactions	float4
std_number_batch_transactions	float4
sum_number_batch_transactions	int8
min_number_batch_blocks	int8
max_number_batch_blocks	int8
med_number_batch_blocks	int8
avg_number_batch_blocks	float4
std_number_batch_blocks	float4
sum_number_batch_blocks	int8
number_batches	int8

Column Descriptions

start_ts

min_transaction_batch_queue_start

max_transaction_batch_queue_start

med_transaction_batch_queue_start

avg_transaction_batch_queue_start

std_transaction_batch_queue_start

sum_transaction_batch_queue_start

min_batch_queue_duration

max_batch_queue_duration

med_batch_queue_duration

avg_batch_queue_duration

std_batch_queue_duration

sum_batch_queue_duration

min_batch_leader_duration

max_batch_leader_duration

med_batch_leader_duration

avg_batch_leader_duration

std_batch_leader_duration

sum_batch_leader_duration

min_batch_worker_duration

max_batch_worker_duration

med_batch_worker_duration

avg_batch_worker_duration

std_batch_worker_duration

sum_batch_worker_duration

min_number_batch_transactions

max_number_batch_transactions

med_number_batch_transactions

lf_241129.transactions_stats_commits_by_second

Description

Columns

column	data type
start_ts	timestamp
min_transaction_batch_queue_start	interval
max_transaction_batch_queue_start	interval
med_transaction_batch_queue_start	float4
avg_transaction_batch_queue_start	interval
std_transaction_batch_queue_start	float4
sum_transaction_batch_queue_start	interval
min_batch_queue_duration	interval
max_batch_queue_duration	interval
med_batch_queue_duration	float4
avg_batch_queue_duration	interval
std_batch_queue_duration	float4
sum_batch_queue_duration	interval
min_batch_leader_duration	interval
max_batch_leader_duration	interval
med_batch_leader_duration	float4
avg_batch_leader_duration	interval
std_batch_leader_duration	float4
sum_batch_leader_duration	interval
min_batch_worker_duration	interval
max_batch_worker_duration	interval
med_batch_worker_duration	float4
avg_batch_worker_duration	interval
std_batch_worker_duration	float4
sum_batch_worker_duration	interval
min_number_batch_transactions	int8
max_number_batch_transactions	int8

column	data type
med_number_batch_transactions	int8
avg_number_batch_transactions	float4
std_number_batch_transactions	float4
sum_number_batch_transactions	int8
min_number_batch_blocks	int8
max_number_batch_blocks	int8
med_number_batch_blocks	int8
avg_number_batch_blocks	float4
std_number_batch_blocks	float4
sum_number_batch_blocks	int8
number_batches	int8

Column Descriptions

start_ts

min_transaction_batch_queue_start

max_transaction_batch_queue_start

med_transaction_batch_queue_start

avg_transaction_batch_queue_start

std_transaction_batch_queue_start

sum_transaction_batch_queue_start

min_batch_queue_duration

max_batch_queue_duration

med_batch_queue_duration

avg_batch_queue_duration

std_batch_queue_duration

sum_batch_queue_duration

min_batch_leader_duration

max_batch_leader_duration

med_batch_leader_duration

avg_batch_leader_duration

std_batch_leader_duration

sum_batch_leader_duration

min_batch_worker_duration

max_batch_worker_duration

med_batch_worker_duration

avg_batch_worker_duration

std_batch_worker_duration

sum_batch_worker_duration

min_number_batch_transactions

max_number_batch_transactions

med_number_batch_transactions

lf_241129.transactions_totals_commits_by_all

Description

Columns

column	data type
sum_batch_leader_duration	interval
sum_batch_worker_duration	interval
sum_batch_idle_duration	interval
sum_batch_exec_duration	interval

Column Descriptions

sum_batch_leader_duration

sum_batch_worker_duration

sum_batch_idle_duration

sum_batch_exec_duration

lf_241129.transactions_totals_commits_by_day

Description

Columns

column	data type
start_ts	timestamp
sum_batch_leader_duration	interval
sum_batch_worker_duration	interval
sum_batch_idle_duration	interval
sum_batch_exec_duration	interval

Column Descriptions

start_ts

sum_batch_leader_duration

sum_batch_worker_duration

sum_batch_idle_duration

sum_batch_exec_duration

lf_241129.transactions_totals_commits_by_hour

Description

Columns

column	data type
start_ts	timestamp
sum_batch_leader_duration	interval
sum_batch_worker_duration	interval
sum_batch_idle_duration	interval
sum_batch_exec_duration	interval

Column Descriptions

start_ts

sum_batch_leader_duration

sum_batch_worker_duration

sum_batch_idle_duration

sum_batch_exec_duration

lf_241129.transactions_totals_commits_by_minute

Description

Columns

column	data type
start_ts	timestamp
sum_batch_leader_duration	interval
sum_batch_worker_duration	interval
sum_batch_idle_duration	interval
sum_batch_exec_duration	interval

Column Descriptions

start_ts

sum_batch_leader_duration

sum_batch_worker_duration

sum_batch_idle_duration

sum_batch_exec_duration

lf_241129.transactions_totals_commits_by_second

Description

Columns

column	data type
start_ts	timestamp
sum_batch_leader_duration	interval
sum_batch_worker_duration	interval
sum_batch_idle_duration	interval
sum_batch_exec_duration	interval

Column Descriptions

start_ts

sum_batch_leader_duration

sum_batch_worker_duration

sum_batch_idle_duration

sum_batch_exec_duration

lf_241129.transactions_totals_query_counts_on_both_for_all_by_all

Description

Columns

column	data type
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

user_id

user_name

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

user_id

user_name

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

user_id

user_name

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

user_id

user_name

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

lf_241129.transactions_totals_query_counts_on_both_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_transactions	int8
number_writing_transactions	int8
number_readonly_transactions	int8
number_leader_queries	int8
number_worker_queries	int8
number_total_queries	int8

Column Descriptions

user_id

user_name

start_ts

number_transactions

number_writing_transactions

number_readonly_transactions

number_leader_queries

number_worker_queries

number_total_queries

sf_241129.transactions

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
start_ts	timestamp
end_ts	timestamp
qry_queue	numeric
qry_cexec	numeric
qry_total	numeric
xid_idle	numeric
xid_total	numeric
csc	int4
rc	int4
ldr	int4
wrk	int4
abt	varchar

Column Descriptions

uuser

pid

xid

start_ts

end_ts

qry_queue

qry_cexec

qry_total

xid_idle

xid_total

csc

rc

ldr

wrk

abt

sf_241129.transactions_batches

Description

Columns

column	data type
uuser	varchar
pid	int4
xid	int8
bid	int8
xid_start_ts	timestamp
queue	numeric
cexec	numeric
idle	numeric
c/r	varchar
l/w	varchar
a	varchar
cqueue	numeric
ldr	numeric
wrk	numeric
bid_end_ts	timestamp
blks	int8
xids	int8

Column Descriptions

uuser

pid

xid

bid

xid_start_ts

queue

cexec

idle

c/r

l/w

a

cqueue

ldr

wrk

bid_end_ts

blks

xids

sf_241129.transactions_stats_commits_by_all

Description

Columns

column	data type
xid queuing	varchar
bid queuing	varchar
ldr duration	varchar
wrk duration	varchar
xids/bid	varchar
blks/bid	varchar
bids	int8

Column Descriptions

xid queuing

bid queuing

ldr duration

wrk duration

xids/bid

blks/bid

bids

sf_241129.transactions_stats_commits_by_day

Description

Columns

column	data type
start_ts	date
xid queuing	varchar
bid queuing	varchar
ldr duration	varchar
wrk duration	varchar
xids/bid	varchar
blks/bid	varchar
bids	int8

Column Descriptions

start_ts

xid queuing

bid queuing

ldr duration

wrk duration

xids/bid

blks/bid

bids

sf_241129.transactions_stats_commits_by_hour

Description

Columns

column	data type
start_ts	timestamp
xid queuing	varchar
bid queuing	varchar
ldr duration	varchar
wrk duration	varchar
xids/bid	varchar
blks/bid	varchar
bids	int8

Column Descriptions

start_ts

xid queuing

bid queuing

ldr duration

wrk duration

xids/bid

blks/bid

bids

sf_241129.transactions_stats_commits_by_minute

Description

Columns

column	data type
start_ts	timestamp
xid queuing	varchar
bid queuing	varchar
ldr duration	varchar
wrk duration	varchar
xids/bid	varchar
blks/bid	varchar
bids	int8

Column Descriptions

start_ts

xid queuing

bid queuing

ldr duration

wrk duration

xids/bid

blks/bid

bids

sf_241129.transactions_stats_commits_by_second

Description

Columns

column	data type
start_ts	timestamp
xid queuing	varchar
bid queuing	varchar
ldr duration	varchar
wrk duration	varchar
xids/bid	varchar
blks/bid	varchar
bids	int8

Column Descriptions

start_ts

xid queuing

bid queuing

ldr duration

wrk duration

xids/bid

blks/bid

bids

`sf_241129.transactions_totals_commits_by_all`

Description

Columns

column	data type
leader	numeric
worker	numeric
idle	numeric
exec	numeric

Column Descriptions

leader

worker

idle

exec

`sf_241129.transactions_totals_commits_by_day`

Description

Columns

column	data type
<code>start_ts</code>	date
<code>leader</code>	numeric
<code>worker</code>	numeric
<code>idle</code>	numeric
<code>exec</code>	numeric

Column Descriptions

`start_ts`

`leader`

`worker`

`idle`

`exec`

`sf_241129.transactions_totals_commits_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>leader</code>	numeric
<code>worker</code>	numeric
<code>idle</code>	numeric
<code>exec</code>	numeric

Column Descriptions

`start_ts`

`leader`

`worker`

`idle`

`exec`

`sf_241129.transactions_totals_commits_by_minute`

Description

Columns

column	data type
start_ts	timestamp
leader	numeric
worker	numeric
idle	numeric
exec	numeric

Column Descriptions

start_ts

leader

worker

idle

exec

`sf_241129.transactions_totals_commits_by_second`

Description

Columns

column	data type
start_ts	timestamp
leader	numeric
worker	numeric
idle	numeric
exec	numeric

Column Descriptions

start_ts

leader

worker

idle

exec

sf_241129.transactions_totals_query_counts_on_both_for_all_by_all

Description

Columns

column	data type
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

rowxids

wr xids

xids

ldr qids

wrk qids

qids

sf_241129.transactions_totals_query_counts_on_both_for_all_by_day

Description

Columns

column	data type
start_ts	date
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

start_ts

rowxids

wr xids

xids

ldr qids

wrk qids

qids

sf_241129.transactions_totals_query_counts_on_both_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

start_ts

rowxids

wr xids

xids

ldr qids

wrk qids

qids

`sf_241129.transactions_totals_query_counts_on_both_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>rowxids</code>	int8
<code>wr xids</code>	int8
<code>xids</code>	int8
<code>ldr qids</code>	int8
<code>wrk qids</code>	int8
<code>qids</code>	int8

Column Descriptions

`start_ts`

`rowxids`

`wr xids`

`xids`

`ldr qids`

`wrk qids`

`qids`

sf_241129.transactions_totals_query_counts_on_both_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

start_ts

rowxids

wr xids

xids

ldr qids

wrk qids

qids

sf_241129.transactions_totals_query_counts_on_both_for_users_by_all

Description

Columns

column	data type
uuser	varchar
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

uuser

rowxids

wr xids

xids

ldr qids

wrk qids

qids

`sf_241129.transactions_totals_query_counts_on_both_for_users_by_day`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>date</code>
<code>rowxids</code>	<code>int8</code>
<code>wr xids</code>	<code>int8</code>
<code>xids</code>	<code>int8</code>
<code>ldr qids</code>	<code>int8</code>
<code>wrk qids</code>	<code>int8</code>
<code>qids</code>	<code>int8</code>

Column Descriptions

`uuser`

`start_ts`

`rowxids`

`wr xids`

`xids`

`ldr qids`

`wrk qids`

`qids`

sf_241129.transactions_totals_query_counts_on_both_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
rowxids	int8
wr xids	int8
xids	int8
ldr qids	int8
wrk qids	int8
qids	int8

Column Descriptions

uuser

start_ts

rowxids

wr xids

xids

ldr qids

wrk qids

qids

`sf_241129.transactions_totals_query_counts_on_both_for_users_by_minute`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>rowxids</code>	<code>int8</code>
<code>wr xids</code>	<code>int8</code>
<code>xids</code>	<code>int8</code>
<code>ldr qids</code>	<code>int8</code>
<code>wrk qids</code>	<code>int8</code>
<code>qids</code>	<code>int8</code>

Column Descriptions

`uuser`

`start_ts`

`rowxids`

`wr xids`

`xids`

`ldr qids`

`wrk qids`

`qids`

`sf_241129.transactions_totals_query_counts_on_both_for_users_by_second`

Description

Columns

column	data type
<code>uuser</code>	<code>varchar</code>
<code>start_ts</code>	<code>timestamp</code>
<code>rowxids</code>	<code>int8</code>
<code>wr xids</code>	<code>int8</code>
<code>xids</code>	<code>int8</code>
<code>ldr qids</code>	<code>int8</code>
<code>wrk qids</code>	<code>int8</code>
<code>qids</code>	<code>int8</code>

Column Descriptions

`uuser`

`start_ts`

`rowxids`

`wr xids`

`xids`

`ldr qids`

`wrk qids`

`qids`

Ttables

This section contains information about tables.

The system tables contain information only for the last week, but unusually RS stores the creation date for a table, so the views for creation actually show information for all currently existing tables.

An important view here is `lf/sf.ttables_zonemap`, which shows you the state of the zone map for a table. All the stuff about how sorted a table is, is a red herring, everything about sorting is a proxy for the state of the zone map. Here, you can directly view the zone map.

base_241129.ttables_activity_fast

Description

Columns

column	data type
table_id	int4
number_rows_deleted	int8
number_rows_inserted	int8

Column Descriptions

table_id

number_rows_deleted

number_rows_inserted

base_241129.ttables_activity_full

Description

Columns

column	data type
table_id	int4
number_rows_deleted	int8
number_rows_inserted	int8
number_rows_scanned	int8

Column Descriptions

table_id

number_rows_deleted

number_rows_inserted

number_rows_scanned

base_241129.ttables_basic_info_fast

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
user_id	int4
table_creation	timestamp
table_age	interval
table_distribution_type	varchar
table_distribution_auto_flag	bool

Column Descriptions

schema_id

schema_name

table_id

table_name

user_id

table_creation

table_age

table_distribution_type

table_distribution_auto_flag

base_241129.ttables_basic_info_full

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
user_id	int4
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool

Column Descriptions

schema_id

schema_name

table_id

table_name

user_id

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

base_241129.ttables_blocks_rows

Description

Columns

column	data type
schema_id	int4
table_id	int4
number_slices	int2
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

table_id

number_slices

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

base_241129.ttables_columns_basic_info

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar
column_encoding_id	int4
column_encoding_name	varchar
column_sortkey_ordinal	int2
column_distkey	bool
column_notnull	bool

Column Descriptions

schema_id

schema_name

table_id

table_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

column_encoding_id

column_encoding_name

column_sortkey_ordinal

column_distkey

column_notnull

lf_241129.ttables

Description

This view provides information about normal (non-external) Redshift tables, both on the leader node and on the worker nodes, one row per table.

(I did think about separate views for leader node tables and worker node tables, but I know of no canonical indication of whether a table is leader or worker, and of no way to tell the difference between a leader node table and a brand new worker node table.)

Note that the column count does *not* include the three system columns.

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
user_id	int4
user_name	varchar
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool
table_stats	varchar

Column Descriptions

schema_id

schema_name

table_id

table_name

user_id

user_name

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

table_stats

lf_241129.ttables_blocks_rows

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
user_id	int4
user_name	varchar
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool
number_slices	int2
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

user_id

user_name

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

number_slices

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

lf_241129.ttables_blocks_rows_activity

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
user_id	int4
user_name	varchar
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool
number_slices	int2
number_sorted_blocks	int8
number_desorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_desorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8
number_rows_deleted	int8
number_rows_inserted	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

user_id

user_name

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

number_slices

number_sorted_blocks

number_desorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_desorted_rows

number_unsorted_rows

number_total_rows

number_rows_deleted

number_rows_inserted

lf_241129.ttables_columns

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar
column_encoding_id	int4
column_encoding_name	varchar
column_sortkey_ordinal	int2
column_distkey	bool
column_notnull	bool
column_primary_key	bool
column_unique	bool
column_foreign_key	bool
column_default	bool
column_default_type	varchar
column_default_value	varchar
column_references_schema_id	int4
column_references_schema_name	varchar
column_references_table_id	int4
column_references_table_name	varchar

column	data type
column_references_column_ordinal	int2
column_references_column_name	varchar

Column Descriptions

schema_id

schema_name

table_id

table_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

column_encoding_id

column_encoding_name

column_sortkey_ordinal

column_distkey

column_notnull

column_primary_key

column_unique

column_foreign_key

column_default

column_default_type

column_default_value

column_references_schema_id

1234

column_references_schema_name

column_references_table_id

column_references_table_name

column_references_column_ordinal

lf_241129.ttables_columns_blocks

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar
column_encoding_id	int4
column_encoding_name	varchar
column_sortkey_ordinal	int2
column_distkey	bool
column_notnull	bool
number_sorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

column_encoding_id

column_encoding_name

column_sortkey_ordinal

column_distkey

column_notnull

number_sorted_blocks

number_unsorted_blocks

number_total_blocks

lf_241129.ttables_creation_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_tables	int4

Column Descriptions

start_ts

number_tables

lf_241129.ttables_creation_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_tables	int4

Column Descriptions

start_ts

number_tables

lf_241129.ttables_creation_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
number_tables	int4

Column Descriptions

start_ts

number_tables

lf_241129.ttables_creation_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_tables	int4

Column Descriptions

start_ts

number_tables

lf_241129.ttables_creation_for_schemas_by_day

Description

Columns

column	data type
schema_name	varchar
start_ts	timestamp
number_tables	int4

Column Descriptions

schema_name

start_ts

number_tables

lf_241129.ttables_creation_for_schemas_by_hour

Description

Columns

column	data type
schema_name	varchar
start_ts	timestamp
number_tables	int4

Column Descriptions

schema_name

start_ts

number_tables

lf_241129.ttables_creation_for_schemas_by_minute

Description

Columns

column	data type
schema_name	varchar
start_ts	timestamp
number_tables	int4

Column Descriptions

schema_name

start_ts

number_tables

lf_241129.ttables_creation_for_schemas_by_second

Description

Columns

column	data type
schema_name	varchar
start_ts	timestamp
number_tables	int4

Column Descriptions

schema_name

start_ts

number_tables

lf_241129.ttables_stats_datatypes_encodings_by_count_and_blocks

Description

Columns

column	data type
base_data_type_id	int4
base_data_type_name	varchar
number_az64_columns	int4
number_bytedict_columns	int4
number_delta_columns	int4
number_delta32k_columns	int4
number_lzo_columns	int4
number_mostly8_columns	int4
number_mostly16_columns	int4
number_mostly32_columns	int4
number_raw_columns	int4
number_runlength_columns	int4
number_text255_columns	int4
number_text32k_columns	int4
number_zstd_columns	int4
number_total_columns	int4
number_az64_blocks	int8
number_bytedict_blocks	int8
number_delta_blocks	int8
number_delta32k_blocks	int8
number_lzo_blocks	int8
number_mostly8_blocks	int8
number_mostly16_blocks	int8
number_mostly32_blocks	int8
number_raw_blocks	int8
number_runlength_blocks	int8
number_text255_blocks	int8

column	data type
number_text32k_blocks	int8
number_zstd_blocks	int8
number_total_blocks	int8

Column Descriptions

base_data_type_id

base_data_type_name

number_az64_columns

number_bytedict_columns

number_delta_columns

number_delta32k_columns

number_lzo_columns

number_mostly8_columns

number_mostly16_columns

number_mostly32_columns

number_raw_columns

number_runlength_columns

number_text255_columns

number_text32k_columns

number_zstd_columns

number_total_columns

number_az64_blocks

number_bytedict_blocks

number_delta_blocks

number_delta32k_blocks

number_lzo_blocks

number_mostly8_blocks

number_mostly16_blocks

number_mostly32_blocks

number_raw_blocks

number_runlength_blocks

number_text255_blocks

number_text32k_blocks

lf_241129.ttables_stats_dists_sorts_for_all_by_blocks

Description

Columns

column	data type
all_compound_sorted	int8
all_interleaved_sorted	int8
all_unsorted_sorted	int8
all_compound_unsorted	int8
all_interleaved_unsorted	int8
all_unsorted_unsorted	int8
all_compound_total	int8
all_interleaved_total	int8
all_unsorted_total	int8
even_compound_sorted	int8
even_interleaved_sorted	int8
even_unsorted_sorted	int8
even_compound_unsorted	int8
even_interleaved_unsorted	int8
even_unsorted_unsorted	int8
even_compound_total	int8
even_interleaved_total	int8
even_unsorted_total	int8
key_compound_sorted	int8
key_interleaved_sorted	int8
key_unsorted_sorted	int8
key_compound_unsorted	int8
key_interleaved_unsorted	int8
key_unsorted_unsorted	int8
key_compound_total	int8
key_interleaved_total	int8
key_unsorted_total	int8

Column Descriptions

all_compound_sorted

all_interleaved_sorted

all_unsorted_sorted

all_compound_unsorted

all_interleaved_unsorted

all_unsorted_unsorted

all_compound_total

all_interleaved_total

all_unsorted_total

even_compound_sorted

even_interleaved_sorted

even_unsorted_sorted

even_compound_unsorted

even_interleaved_unsorted

even_unsorted_unsorted

even_compound_total

even_interleaved_total

even_unsorted_total

key_compound_sorted

key_interleaved_sorted

key_unsorted_sorted

key_compound_unsorted

key_interleaved_unsorted

key_unsorted_unsorted

key_compound_total

key_interleaved_total

key_unsorted_total

lf_241129.ttables_stats_dists_sorts_for_all_by_count

Description

Columns

column	data type
all_compound	int4
all_interleaved	int4
all_unsorted	int4
even_compound	int4
even_interleaved	int4
even_unsorted	int4
key_compound	int4
key_interleaved	int4
key_unsorted	int4

Column Descriptions

all_compound

all_interleaved

all_unsorted

even_compound

even_interleaved

even_unsorted

key_compound

key_interleaved

key_unsorted

lf_241129.ttables_stats_dists_sorts_for_schemas_by_blocks

Description

Columns

column	data type
schema_name	varchar
number_all_compound_sorted_blocks	int8
number_all_interleaved_sorted_blocks	int8
number_all_unsorted_sorted_blocks	int8
number_all_compound_unsorted_blocks	int8
number_all_interleaved_unsorted_blocks	int8
number_all_unsorted_unsorted_blocks	int8
number_all_compound_total_blocks	int8
number_all_interleaved_total_blocks	int8
number_all_unsorted_total_blocks	int8
number_even_compound_sorted_blocks	int8
number_even_interleaved_sorted_blocks	int8
number_even_unsorted_sorted_blocks	int8
number_even_compound_unsorted_blocks	int8
number_even_interleaved_unsorted_blocks	int8
number_even_unsorted_unsorted_blocks	int8
number_even_compound_total_blocks	int8
number_even_interleaved_total_blocks	int8
number_even_unsorted_total_blocks	int8
number_key_compound_sorted_blocks	int8
number_key_interleaved_sorted_blocks	int8
number_key_unsorted_sorted_blocks	int8
number_key_compound_unsorted_blocks	int8
number_key_interleaved_unsorted_blocks	int8
number_key_unsorted_unsorted_blocks	int8
number_key_compound_total_blocks	int8
number_key_interleaved_total_blocks	int8

column	data type
number_key_unsorted_total_blocks	int8

Column Descriptions

schema_name

number_all_compound_sorted_blocks

number_all_interleaved_sorted_blocks

number_all_unsorted_sorted_blocks

number_all_compound_unsorted_blocks

number_all_interleaved_unsorted_blocks

number_all_unsorted_unsorted_blocks

number_all_compound_total_blocks

number_all_interleaved_total_blocks

number_all_unsorted_total_blocks

number_even_compound_sorted_blocks

number_even_interleaved_sorted_blocks

number_even_unsorted_sorted_blocks

number_even_compound_unsorted_blocks

number_even_interleaved_unsorted_blocks

number_even_unsorted_unsorted_blocks

number_even_compound_total_blocks

number_even_interleaved_total_blocks

number_even_unsorted_total_blocks

number_key_compound_sorted_blocks

number_key_interleaved_sorted_blocks

number_key_unsorted_sorted_blocks

number_key_compound_unsorted_blocks

number_key_interleaved_unsorted_blocks

number_key_unsorted_unsorted_blocks

number_key_compound_total_blocks

number_key_interleaved_total_blocks

number_key_unsorted_total_blocks

lf_241129.ttables_stats_dists_sorts_for_schemas_by_count

Description

Columns

column	data type
schema_name	varchar
all_compound	int4
all_interleaved	int4
all_unsorted	int4
even_compound	int4
even_interleaved	int4
even_unsorted	int4
key_compound	int4
key_interleaved	int4
key_unsorted	int4

Column Descriptions

schema_name

all_compound

all_interleaved

all_unsorted

even_compound

even_interleaved

even_unsorted

key_compound

key_interleaved

key_unsorted

lf_241129.ttables_zonemap

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_ordinal	int2
column_name	varchar
column_full_data_type_name	varchar
column_encoding_name	varchar
number_00_20_blocks	int8
number_20_40_blocks	int8
number_40_60_blocks	int8
number_60_80_blocks	int8
number_80_100_blocks	int8
number_overflow_blocks	int8
number_underflow_blocks	int8
number_saturated_blocks	int8

Column Descriptions

schema_id

schema_name

table_id

table_name

column_ordinal

column_name

column_full_data_type_name

column_encoding_name

number_00_20_blocks

number_20_40_blocks

number_40_60_blocks

number_60_80_blocks

number_80_100_blocks

number_overflow_blocks

number_underflow_blocks

number_saturated_blocks

sf_241129.ttables

Description

This view provides information about normal (non-external) Redshift tables, both on the leader node and on the worker nodes, one row per table.

(I did think about separate views for leader node tables and worker node tables, but I know of no canonical indication of whether a table is leader or worker, and of no way to tell the difference between a leader node table and a brand new worker node table.)

Note that the column count does *not* include the three system columns.

Columns

column	data type
sschema	varchar
ttable	varchar
uuser	varchar
age	interval
cols	int2
ssort	varchar
skeys	int2
dist	varchar
stats	varchar

Column Descriptions

sschema

ttable

uuser

age

cols

ssort

skeys

dist

stats

sf_241129.ttables_blocks_rows

Description

Columns

column	data type
sschema	varchar
ttable	varchar
uuser	varchar
age	int4
cols	int2
ssort	varchar
skeys	int2
dist	varchar
slices	int2
sblks	int8
dsblks	int8
ublks	int8
tblks	int8
srows	int8
dsrows	int8
urows	int8
trows	int8

Column Descriptions

sschema

ttable

uuser

age

cols

ssort

skeys

dist

slices

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

sf_241129.ttables_blocks_rows_activity

Description

Columns

column	data type
sschema	varchar
ttable	varchar
uuser	varchar
age	int4
cols	int2
ssort	varchar
skeys	int2
dist	varchar
slices	int2
sblks	int8
dsblks	int8
ublks	int8
tblks	int8
srows	int8
dsrows	int8
urows	int8
trows	int8
drops	int8
irows	int8

Column Descriptions

sschema

ttable

uuser

age

cols

ssort

skeys

dist

slices

sblks

dsblks

ublks

tblks

srows

dsrows

urows

trows

drops

rows

sf_241129.ttables_columns

Description

Columns

column	data type
sschema	varchar
ttable	varchar
ccolumn	varchar
ttype	varchar
enc	varchar
sk	int2
dk	varchar
nn	varchar
pk	varchar
u	varchar

Column Descriptions

sschema

ttable

ccolumn

ttype

enc

sk

dk

nn

pk

u

sf_241129.ttables_columns_blocks

Description

Columns

column	data type
sschema	varchar
ttable	varchar
ccolumn	varchar
ttype	varchar
enc	varchar
sk	int2
dk	varchar
nn	varchar
sblks	varchar
ublks	varchar
tblks	varchar

Column Descriptions

sschema

ttable

ccolumn

ttype

enc

sk

dk

nn

sblks

ublks

tblks

sf_241129.ttables_columns_defaults_references

Description

Columns

column	data type
sschema	varchar
ttable	varchar
ccolumn	varchar
def	varchar
rref	varchar

Column Descriptions

sschema

ttable

ccolumn

def

rref

`sf_241129.ttables_creation_for_all_by_day`

Description

Columns

column	data type
<code>start_ts</code>	<code>date</code>
<code>ttables</code>	<code>int4</code>

Column Descriptions

`start_ts`

`ttables`

`sf_241129.ttables_creation_for_all_by_hour`

Description

Columns

column	data type
<code>start_ts</code>	<code>timestamp</code>
<code>ttables</code>	<code>int4</code>

Column Descriptions

`start_ts`

`ttables`

`sf_241129.ttables_creation_for_all_by_minute`

Description

Columns

column	data type
<code>start_ts</code>	<code>timestamp</code>
<code>ttables</code>	<code>int4</code>

Column Descriptions

`start_ts`

`ttables`

`sf_241129.ttables_creation_for_all_by_second`

Description

Columns

column	data type
<code>start_ts</code>	timestamp
<code>ttables</code>	int4

Column Descriptions

`start_ts`

`ttables`

`sf_241129.ttables_creation_for_schemas_by_day`

Description

Columns

column	data type
sschema	varchar
start_ts	date
ttables	int4

Column Descriptions

sschema

start_ts

ttables

`sf_241129.ttables_creation_for_schemas_by_hour`

Description

Columns

column	data type
sschema	varchar
start_ts	timestamp
ttables	int4

Column Descriptions

sschema

start_ts

ttables

`sf_241129.ttables_creation_for_schemas_by_minute`

Description

Columns

column	data type
sschema	varchar
start_ts	timestamp
ttables	int4

Column Descriptions

sschema

start_ts

ttables

`sf_241129.ttables_creation_for_schemas_by_second`

Description

Columns

column	data type
sschema	varchar
start_ts	timestamp
ttables	int4

Column Descriptions

sschema

start_ts

ttables

sf_241129.ttables_stats_datatypes_encodings_by_count_and_blocks

Description

Columns

column	data type
data_type	varchar
az64	varchar
bytedict	varchar
delta	varchar
delta32k	varchar
lzo	varchar
mostly8	varchar
mostly16	varchar
mostly32	varchar
raw	varchar
runlength	varchar
text255	varchar
text32k	varchar
zstd	varchar
total	varchar

Column Descriptions

`data_type`

`az64`

`bytedict`

`delta`

`delta32k`

`lzo`

`mostly8`

`mostly16`

`mostly32`

`raw`

`runlength`

`text255`

`text32k`

`zstd`

`total`

`sf_241129.ttables_stats_dists_sorts_for_all_by_blocks`

Description

Columns

column	data type
aall	varchar
even	varchar
kkey	varchar

Column Descriptions

aall

even

kkey

`sf_241129.ttables_stats_dists_sorts_for_all_by_count`

Description

Columns

column	data type
aall	varchar
even	varchar
kkey	varchar

Column Descriptions

aall

even

kkey

sf_241129.ttables_stats_dists_sorts_for_schemas_by_blocks

Description

Columns

column	data type
sschema	varchar
compound_all	varchar
compound_even	varchar
compound_key	varchar
intlvd_all	varchar
intlvd_even	varchar
intlvd_key	varchar
unsorted_all	varchar
unsorted_even	varchar
unsorted_key	varchar

Column Descriptions

sschema

compound_all

compound_even

compound_key

intlvd_all

intlvd_even

intlvd_key

unsorted_all

unsorted_even

unsorted_key

`sf_241129.ttables_stats_dists_sorts_for_schemas_by_count`

Description

Columns

column	data type
sschema	varchar
aall	varchar
even	varchar
kkey	varchar

Column Descriptions

sschema

aall

even

kkey

sf_241129.ttables_zonemap

Description

Columns

column	data type
sschema	varchar
ttable	varchar
ccolumn	varchar
data_type	varchar
eencoding	varchar
0-20	int8
20-40	int8
40-60	int8
60-80	int8
80-100	int8
oover	int8
under	int8
sat	int8

Column Descriptions

sschema

ttable

ccolumn

data_type

eencoding

0-20

20-40

40-60

60-80

80-100

oover

under

sat

Utils

This section provides utility views, used for development work.

The benchmarks view is critically important.

Being able to correctly benchmark queries is absolutely central to writing SQL. Being able to see performance changes provides an insight available in no other way and it will fundamentally and profoundly change how you write SQL.

lf_241129.utils_most_recent_copy_error_for_current_user

Description

Columns

column	data type
event_ts	timestamp
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
column_name	varchar
column_full_data_type_name	varchar
line_number	varchar
field_value	varchar
reason	varchar
file_name	varchar

Column Descriptions

event_ts

schema_id

schema_name

table_id

table_name

column_name

column_full_data_type_name

line_number

field_value

reason

file_name

lf_241129.utils_queries_benchmark

Description

This view provides an easy-to-use method to correctly and accurately benchmark queries.

First, be aware that computing the execution time taken by a query is *not* straightforward - I'll go into how it's done, but for now just say - it is here done as correctly as is possible in Redshift (I say "as possible", because in fact, right now, it is not possible to canonically know the execution time of a query, due to flaws in the system tables).

Usage is as with all `sf` views, simple;

```
select * from sf.queries_benchmark;
```

You then get five lines of output - for your five most recent queries.

rn	qid	start_ts	dur	min	max	avg	std	text
1	740502166	2024-10-29 20:58:08.085074	1.87	1.87	96.72	75.66	36.93	select * from sf.vacuum_by_user_by_day;
2	741840588	2024-10-30 07:53:59.909107	96.72	92.31	96.72	94.11	1.68	select * from sf.queries_benchmark;
3	741894382	2024-10-30 08:17:15.535093	93.05	92.31	94.36	93.24	0.85	select * from sf.queries_benchmark;
4	741909558	2024-10-30 08:23:32.480694	92.31	92.31	94.36	93.34	1.02	select * from sf.queries_benchmark;
5	741929643	2024-10-30 08:32:17.004436	94.36	94.36	94.36	94.36	0.00	select * from sf.queries_benchmark;

(5 rows)

So, what's this all about?

It's about statistics.

Each row is for one query, of the five most queries you have issued.

The `dur`, which is `duration`, column tells you how long each query took to execute.

The other columns however are the stats for that query *and every query before it*.

So you now have the most easy way to simply run a given query five times in a row, and get the `min` / `man` / `avg` / `std` stats for all five.

Or maybe you just run three, and that's enough.

There's no median, because median turns out to be problematic to compute in this situation.

Now I need to explain how query execution time is computed.

Query duration is hard to get right in Redshift. The docs do provide anything like the information to get it right, and getting it right has some complexity, and in fact in principle is currently impossible, although in practise it will be normally be fine.

There are three basic problems.

1. Redshift includes query compilation time in execution time.
2. We want to avoid including the time it takes return rows from the query to the client.
3. We want to avoid query queuing time.

So I handle these. The query execution time is from the moment the query begins to run (rather than when it arrives at Redshift), compilation is subtracted from execution time, and the end of the timed period is the very beginning of when Redshift starts to return rows to the user.

here is one, and unfixable, problem, but I think it is rare.

When Redshift is compiling query A, if it sees query B, which is compiling at the same time and which will produce the output query A needs, it will stall query A compilation until query B finishes, and then use the output from query B. The problem is there is absolutely no way to know when this happens, and it looks like execution time.

Columns

column	data type
rn	int2
query_start_ts	timestamp
query_id	int4
exec_duration	float4
min_exec_duration	float4
max_exec_duration	float4
avg_exec_duration	float4
std_exec_duration	float4
query_text	varchar

Column Descriptions

rn

query_start_ts

query_id

exec_duration

min_exec_duration

max_exec_duration

avg_exec_duration

std_exec_duration

query_text

`sf_241129.utils_most_recent_copy_error_for_current_user`

Description

Columns

column	data type
kkey	varchar
value	varchar

Column Descriptions

kkey

value

sf_241129.utils_queries_benchmark

Description

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rn	qid	start_ts	dur	min	max	avg	std	text
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2	741840588	2024-10-30 07:53:59.909107	96.72	92.31	96.72	94.11	1.68	select * from sf.queries_benchmark;
3	741894382	2024-10-30 08:17:15.535093	93.05	92.31	94.36	93.24	0.85	select * from sf.queries_benchmark;
4	741909558	2024-10-30 08:23:32.480694	92.31	92.31	94.36	93.34	1.02	select * from sf.queries_benchmark;
5	741929643	2024-10-30 08:32:17.004436	94.36	94.36	94.36	94.36	0.00	select * from sf.queries_benchmark;

(5 rows)

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Each row is for one query, of the five most queries you have issued.

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Query duration is hard to get right in Redshift. The docs do provide anything like the information to get it right, and getting it right has some complexity, and in fact in principle is currently impossible, although in practise it will be normally be fine.

There are three basic problems.

1. Redshift includes query compilation time in execution time.
2. We want to avoid including the time it takes return rows from the query to the client.
3. We want to avoid query queuing time.

So I handle these. The query execution time is from the moment the query begins to run (rather than when it arrives at Redshift), compilation is subtracted from execution time, and the end of the timed period is the very beginning of when Redshift starts to return rows to the user.

here is one, and unfixable, problem, but I think it is rare.

When Redshift is compiling query A, if it sees query B, which is compiling at the same time and which will produce the output query A needs, it will stall query A compilation until query B finishes, and then use the output from query B. The problem is there is absolutely no way to know when this happens, and it looks like execution time.

Columns

column	data type
rn	int2
qid	int4
start_ts	timestamp
dur	numeric
min	numeric
max	numeric
avg	numeric
std	numeric
ttext	varchar

Column Descriptions

rn

qid

start_ts

dur

min

max

avg

std

ttext

Users

This section has views giving information about users.

lf_241129.uusers

Description

Columns

column	data type
user_id	int4
user_name	varchar
user_type	varchar
user_syslog	varchar
number_databases	int2
number_functions	int4
number_procedures	int4
number_schemas	int2
number_tables	int4
number_normal_views	int4
number_late_binding_views	int4
number_materialized_views	int4

Column Descriptions

user_id

user_name

user_type

user_syslog

number_databases

number_functions

number_procedures

number_schemas

number_tables

number_normal_views

number_late_binding_views

number_materialized_views

lf_241129.users_default_privileges

Description

Columns

column	data type
user_id	int4
user_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
priv_recipient_type	varchar
priv_recipient_id	int4
priv_recipient_name	varchar
priv_function_execute	bool
priv_function_grant_execute	bool
priv_procedure_execute	bool
priv_procedure_grant_execute	bool
priv_table_delete	bool
priv_table_grant_delete	bool
priv_table_drop	bool
priv_table_grant_drop	bool
priv_table_insert	bool
priv_table_grant_insert	bool
priv_table_reference	bool
priv_table_grant_reference	bool
priv_table_select	bool
priv_table_grant_select	bool
priv_table_update	bool
priv_table_grant_update	bool

Column Descriptions

user_id

user_name

schema_id

schema_name

object_type

priv_recipient_type

priv_recipient_id

priv_recipient_name

priv_function_execute

priv_function_grant_execute

priv_procedure_execute

priv_procedure_grant_execute

priv_table_delete

priv_table_grant_delete

priv_table_drop

priv_table_grant_drop

priv_table_insert

priv_table_grant_insert

priv_table_reference

priv_table_grant_reference

priv_table_select

priv_table_grant_select

priv_table_update

priv_table_grant_update

lf_241129.uusers_privileges

Description

Columns

column	data type
user_id	int4
user_name	varchar
user_owner	bool
object_owner_user_id	int4
object_owner_user_name	varchar
priv_origin_type	varchar
priv_origin_id	int4
priv_origin_name	varchar
schema_id	int4
schema_name	varchar
object_type	varchar
object_return_base_data_type_id	int4
object_return_base_data_type_name	varchar
object_id	int4
object_name	varchar
object_argument_base_data_type_ids	varchar
object_argument_base_data_type_names	varchar
priv_database_create	bool
priv_database_grant_create	bool
priv_database_temp	bool
priv_database_grant_temp	bool
priv_function_execute	bool
priv_function_grant_execute	bool
priv_language_usage	bool
priv_language_grant_usage	bool
priv_procedure_execute	bool
priv_procedure_grant_execute	bool

column	data type
priv_schema_create	bool
priv_schema_grant_create	bool
priv_schema_usage	bool
priv_schema_grant_usage	bool
priv_table_delete	bool
priv_table_grant_delete	bool
priv_table_drop	bool
priv_table_grant_drop	bool
priv_table_insert	bool
priv_table_grant_insert	bool
priv_table_reference	bool
priv_table_grant_reference	bool
priv_table_select	bool
priv_table_grant_select	bool
priv_table_update	bool
priv_table_grant_update	bool
priv_view_drop	bool
priv_view_grant_drop	bool
priv_view_select	bool
priv_view_grant_select	bool

Column Descriptions

user_id
user_name
user_owner
object_owner_user_id
object_owner_user_name
priv_origin_type
priv_origin_id
priv_origin_name
schema_id
schema_name
object_type
object_return_base_data_type_id
object_return_base_data_type_name
object_id
object_name
object_argument_base_data_type_ids
object_argument_base_data_type_names
priv_database_create
priv_database_grant_create
priv_database_temp
priv_database_grant_temp
priv_function_execute
priv_function_grant_execute
priv_language_usage
priv_language_grant_usage
priv_procedure_execute
priv_procedure_grant_execute
priv_schema_create

sf_241129.uusers

Description

Columns

column	data type
uuser	varchar
ttype	varchar
ssyslog	varchar
db	int2
funcs	int4
procs	int4
sschemas	int2
ttables	int4
nviews	int4
lviews	int4
mviews	int4

Column Descriptions

uuser

ttype

ssyslog

dbb

funcs

procs

sschemas

ttables

nviews

lviews

mviews

sf_241129.uusers_default_privileges

Description

Columns

column	data type
uuser	varchar
sschema	varchar
ttype	varchar
recipient_type	varchar
recipient_name	varchar
privs	varchar

Column Descriptions

uuser

sschema

ttype

recipient_type

recipient_name

privs

sf_241129.uusers_privileges

Description

Columns

column	data type
uuser	varchar
ttype	varchar
sschema	varchar
oobject	varchar
rt	varchar
args	varchar
oowner	varchar
priv_origin_type	varchar
priv_origin_name	varchar
privs	varchar

Column Descriptions

uuser

ttype

sschema

oobject

rt

args

oowner

priv_origin_type

priv_origin_name

privs

Vacuum

These views provide information about the `VACUUM` command.

Firstly, there are counts of how many `VACUUM` commands, and of what type, were issued, with various `_for` types - database, table, user, etc. (Getting this information, BTW, is horrendous - the system tables here are particularly bad.)

Secondly, there's a much more detailed and advanced view, the `stats` view, showing you what and how much disk work is going on.

lf_241129.vacuum_stats_for_all_by_all

Description

Columns

column	data type
min_sum_number_new_blocks	int8
max_sum_number_new_blocks	int8
med_sum_number_new_blocks	int8
avg_sum_number_new_blocks	float4
std_sum_number_new_blocks	float4
sum_sum_number_new_blocks	float4
min_sum_number_replaced_blocks	int8
max_sum_number_replaced_blocks	int8
med_sum_number_replaced_blocks	int8
avg_sum_number_replaced_blocks	float4
std_sum_number_replaced_blocks	float4
sum_sum_number_replaced_blocks	float4
min_sum_number_new_rows	int8
max_sum_number_new_rows	int8
med_sum_number_new_rows	int8
avg_sum_number_new_rows	float4
std_sum_number_new_rows	float4
sum_sum_number_new_rows	float4
min_sum_number_deleted_rows	int8
max_sum_number_deleted_rows	int8
med_sum_number_deleted_rows	int8
avg_sum_number_deleted_rows	float4
std_sum_number_deleted_rows	float4
sum_sum_number_deleted_rows	float4
min_duration	interval
max_duration	interval
med_duration	float4

column	data type
avg_duration	interval
std_duration	float4
sum_duration	interval
number_qids	int8
number_xids	int8

Column Descriptions

min_sum_number_new_blocks

max_sum_number_new_blocks

med_sum_number_new_blocks

avg_sum_number_new_blocks

std_sum_number_new_blocks

sum_sum_number_new_blocks

min_sum_number_replaced_blocks

max_sum_number_replaced_blocks

med_sum_number_replaced_blocks

avg_sum_number_replaced_blocks

std_sum_number_replaced_blocks

sum_sum_number_replaced_blocks

min_sum_number_new_rows

max_sum_number_new_rows

med_sum_number_new_rows

avg_sum_number_new_rows

std_sum_number_new_rows

sum_sum_number_new_rows

min_sum_number_deleted_rows

max_sum_number_deleted_rows

med_sum_number_deleted_rows

avg_sum_number_deleted_rows

std_sum_number_deleted_rows

sum_sum_number_deleted_rows

min_duration

max_duration

med_duration

avg_duration

lf_241129.vacuum_stats_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
min_sum_number_new_blocks	int8
max_sum_number_new_blocks	int8
med_sum_number_new_blocks	int8
avg_sum_number_new_blocks	float4
std_sum_number_new_blocks	float4
sum_sum_number_new_blocks	float4
min_sum_number_replaced_blocks	int8
max_sum_number_replaced_blocks	int8
med_sum_number_replaced_blocks	int8
avg_sum_number_replaced_blocks	float4
std_sum_number_replaced_blocks	float4
sum_sum_number_replaced_blocks	float4
min_sum_number_new_rows	int8
max_sum_number_new_rows	int8
med_sum_number_new_rows	int8
avg_sum_number_new_rows	float4
std_sum_number_new_rows	float4
sum_sum_number_new_rows	float4
min_sum_number_deleted_rows	int8
max_sum_number_deleted_rows	int8
med_sum_number_deleted_rows	int8
avg_sum_number_deleted_rows	float4
std_sum_number_deleted_rows	float4
sum_sum_number_deleted_rows	float4
min_duration	interval
max_duration	interval

column	data type
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_qids	int8
number_xids	int8

Column Descriptions

start_ts

min_sum_number_new_blocks

max_sum_number_new_blocks

med_sum_number_new_blocks

avg_sum_number_new_blocks

std_sum_number_new_blocks

sum_sum_number_new_blocks

min_sum_number_replaced_blocks

max_sum_number_replaced_blocks

med_sum_number_replaced_blocks

avg_sum_number_replaced_blocks

std_sum_number_replaced_blocks

sum_sum_number_replaced_blocks

min_sum_number_new_rows

max_sum_number_new_rows

med_sum_number_new_rows

avg_sum_number_new_rows

std_sum_number_new_rows

sum_sum_number_new_rows

min_sum_number_deleted_rows

max_sum_number_deleted_rows

med_sum_number_deleted_rows

avg_sum_number_deleted_rows

std_sum_number_deleted_rows

sum_sum_number_deleted_rows

min_duration

max_duration

med_duration

lf_241129.vacuum_stats_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
min_sum_number_new_blocks	int8
max_sum_number_new_blocks	int8
med_sum_number_new_blocks	int8
avg_sum_number_new_blocks	float4
std_sum_number_new_blocks	float4
sum_sum_number_new_blocks	float4
min_sum_number_replaced_blocks	int8
max_sum_number_replaced_blocks	int8
med_sum_number_replaced_blocks	int8
avg_sum_number_replaced_blocks	float4
std_sum_number_replaced_blocks	float4
sum_sum_number_replaced_blocks	float4
min_sum_number_new_rows	int8
max_sum_number_new_rows	int8
med_sum_number_new_rows	int8
avg_sum_number_new_rows	float4
std_sum_number_new_rows	float4
sum_sum_number_new_rows	float4
min_sum_number_deleted_rows	int8
max_sum_number_deleted_rows	int8
med_sum_number_deleted_rows	int8
avg_sum_number_deleted_rows	float4
std_sum_number_deleted_rows	float4
sum_sum_number_deleted_rows	float4
min_duration	interval
max_duration	interval

column	data type
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_qids	int8
number_xids	int8

Column Descriptions

start_ts

min_sum_number_new_blocks

max_sum_number_new_blocks

med_sum_number_new_blocks

avg_sum_number_new_blocks

std_sum_number_new_blocks

sum_sum_number_new_blocks

min_sum_number_replaced_blocks

max_sum_number_replaced_blocks

med_sum_number_replaced_blocks

avg_sum_number_replaced_blocks

std_sum_number_replaced_blocks

sum_sum_number_replaced_blocks

min_sum_number_new_rows

max_sum_number_new_rows

med_sum_number_new_rows

avg_sum_number_new_rows

std_sum_number_new_rows

sum_sum_number_new_rows

min_sum_number_deleted_rows

max_sum_number_deleted_rows

med_sum_number_deleted_rows

avg_sum_number_deleted_rows

std_sum_number_deleted_rows

sum_sum_number_deleted_rows

min_duration

max_duration

med_duration

lf_241129.vacuum_stats_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
min_sum_number_new_blocks	int8
max_sum_number_new_blocks	int8
med_sum_number_new_blocks	int8
avg_sum_number_new_blocks	float4
std_sum_number_new_blocks	float4
sum_sum_number_new_blocks	float4
min_sum_number_replaced_blocks	int8
max_sum_number_replaced_blocks	int8
med_sum_number_replaced_blocks	int8
avg_sum_number_replaced_blocks	float4
std_sum_number_replaced_blocks	float4
sum_sum_number_replaced_blocks	float4
min_sum_number_new_rows	int8
max_sum_number_new_rows	int8
med_sum_number_new_rows	int8
avg_sum_number_new_rows	float4
std_sum_number_new_rows	float4
sum_sum_number_new_rows	float4
min_sum_number_deleted_rows	int8
max_sum_number_deleted_rows	int8
med_sum_number_deleted_rows	int8
avg_sum_number_deleted_rows	float4
std_sum_number_deleted_rows	float4
sum_sum_number_deleted_rows	float4
min_duration	interval
max_duration	interval

column	data type
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_qids	int8
number_xids	int8

Column Descriptions

start_ts

min_sum_number_new_blocks

max_sum_number_new_blocks

med_sum_number_new_blocks

avg_sum_number_new_blocks

std_sum_number_new_blocks

sum_sum_number_new_blocks

min_sum_number_replaced_blocks

max_sum_number_replaced_blocks

med_sum_number_replaced_blocks

avg_sum_number_replaced_blocks

std_sum_number_replaced_blocks

sum_sum_number_replaced_blocks

min_sum_number_new_rows

max_sum_number_new_rows

med_sum_number_new_rows

avg_sum_number_new_rows

std_sum_number_new_rows

sum_sum_number_new_rows

min_sum_number_deleted_rows

max_sum_number_deleted_rows

med_sum_number_deleted_rows

avg_sum_number_deleted_rows

std_sum_number_deleted_rows

sum_sum_number_deleted_rows

min_duration

max_duration

med_duration

lf_241129.vacuum_stats_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
min_sum_number_new_blocks	int8
max_sum_number_new_blocks	int8
med_sum_number_new_blocks	int8
avg_sum_number_new_blocks	float4
std_sum_number_new_blocks	float4
sum_sum_number_new_blocks	float4
min_sum_number_replaced_blocks	int8
max_sum_number_replaced_blocks	int8
med_sum_number_replaced_blocks	int8
avg_sum_number_replaced_blocks	float4
std_sum_number_replaced_blocks	float4
sum_sum_number_replaced_blocks	float4
min_sum_number_new_rows	int8
max_sum_number_new_rows	int8
med_sum_number_new_rows	int8
avg_sum_number_new_rows	float4
std_sum_number_new_rows	float4
sum_sum_number_new_rows	float4
min_sum_number_deleted_rows	int8
max_sum_number_deleted_rows	int8
med_sum_number_deleted_rows	int8
avg_sum_number_deleted_rows	float4
std_sum_number_deleted_rows	float4
sum_sum_number_deleted_rows	float4
min_duration	interval
max_duration	interval

column	data type
med_duration	float4
avg_duration	interval
std_duration	float4
sum_duration	interval
number_qids	int8
number_xids	int8

Column Descriptions

start_ts

min_sum_number_new_blocks

max_sum_number_new_blocks

med_sum_number_new_blocks

avg_sum_number_new_blocks

std_sum_number_new_blocks

sum_sum_number_new_blocks

min_sum_number_replaced_blocks

max_sum_number_replaced_blocks

med_sum_number_replaced_blocks

avg_sum_number_replaced_blocks

std_sum_number_replaced_blocks

sum_sum_number_replaced_blocks

min_sum_number_new_rows

max_sum_number_new_rows

med_sum_number_new_rows

avg_sum_number_new_rows

std_sum_number_new_rows

sum_sum_number_new_rows

min_sum_number_deleted_rows

max_sum_number_deleted_rows

med_sum_number_deleted_rows

avg_sum_number_deleted_rows

std_sum_number_deleted_rows

sum_sum_number_deleted_rows

min_duration

max_duration

med_duration

lf_241129.vacuum_totals_for_all_by_all

Description

Columns

column	data type
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

number_manual_delete
number_manual_delete_skipped
number_manual_full
number_manual_full_skipped
number_manual_recluster
number_manual_reindex
number_manual_sort
number_manual_sort_skipped
number_auto_delete
number_auto_delete_skipped
number_auto_full
number_auto_full_skipped
number_auto_recluster
number_auto_reindex
number_auto_sort
number_auto_sort_skipped
number_total_vacuum
total_duration

lf_241129.vacuum_totals_for_all_by_day

Description

Columns

column	data type
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_tables_by_all

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

schema_id

schema_name

table_id

table_name

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_tables_by_day

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_tables_by_hour

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_tables_by_minute

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_tables_by_second

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
table_id	int4
table_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

schema_id

schema_name

table_id

table_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_users_by_all

Description

Columns

column	data type
user_id	int4
user_name	varchar
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

user_id

user_name

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_users_by_day

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

user_id

user_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_users_by_hour

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

user_id

user_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_users_by_minute

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

user_id

user_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

lf_241129.vacuum_totals_for_users_by_second

Description

Columns

column	data type
user_id	int4
user_name	varchar
start_ts	timestamp
number_manual_delete	int4
number_manual_delete_skipped	int4
number_manual_full	int4
number_manual_full_skipped	int4
number_manual_recluster	int4
number_manual_reindex	int4
number_manual_sort	int4
number_manual_sort_skipped	int4
number_auto_delete	int4
number_auto_delete_skipped	int4
number_auto_full	int4
number_auto_full_skipped	int4
number_auto_recluster	int4
number_auto_reindex	int4
number_auto_sort	int4
number_auto_sort_skipped	int4
number_total_vacuum	int4
total_duration	interval

Column Descriptions

user_id

user_name

start_ts

number_manual_delete

number_manual_delete_skipped

number_manual_full

number_manual_full_skipped

number_manual_recluster

number_manual_reindex

number_manual_sort

number_manual_sort_skipped

number_auto_delete

number_auto_delete_skipped

number_auto_full

number_auto_full_skipped

number_auto_recluster

number_auto_reindex

number_auto_sort

number_auto_sort_skipped

number_total_vacuum

total_duration

sf_241129.vacuum_stats_for_all_by_all

Description

Columns

column	data type
new blocks	varchar
replaced blocks	varchar
new rows	varchar
deleted rows	varchar
xid duration	varchar
qids	int8
xids	int8

Column Descriptions

new blocks

replaced blocks

new rows

deleted rows

xid duration

qids

xids

sf_241129.vacuum_stats_for_all_by_day

Description

Columns

column	data type
start_ts	date
new blocks	varchar
replaced blocks	varchar
new rows	varchar
deleted rows	varchar
xid duration	varchar
qids	int8
xids	int8

Column Descriptions

start_ts

new blocks

replaced blocks

new rows

deleted rows

xid duration

qids

xids

sf_241129.vacuum_stats_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
new blocks	varchar
replaced blocks	varchar
new rows	varchar
deleted rows	varchar
xid duration	varchar
qids	int8
xids	int8

Column Descriptions

start_ts

new blocks

replaced blocks

new rows

deleted rows

xid duration

qids

xids

sf_241129.vacuum_stats_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
new blocks	varchar
replaced blocks	varchar
new rows	varchar
deleted rows	varchar
xid duration	varchar
qids	int8
xids	int8

Column Descriptions

start_ts

new blocks

replaced blocks

new rows

deleted rows

xid duration

qids

xids

sf_241129.vacuum_stats_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
new blocks	varchar
replaced blocks	varchar
new rows	varchar
deleted rows	varchar
xid duration	varchar
qids	int8
xids	int8

Column Descriptions

start_ts

new blocks

replaced blocks

new rows

deleted rows

xid duration

qids

xids

`sf_241129.vacuum_totals_for_all_by_all`

Description

Columns

column	data type
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

manual

auto

total

dur

sf_241129.vacuum_totals_for_all_by_day

Description

Columns

column	data type
start_ts	date
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_all_by_hour

Description

Columns

column	data type
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_all_by_minute

Description

Columns

column	data type
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_all_by_second

Description

Columns

column	data type
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_tables_by_all

Description

Columns

column	data type
sschema	varchar
ttable	varchar
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

sschema

ttable

manual

auto

total

dur

sf_241129.vacuum_totals_for_tables_by_day

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	date
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

sschema

ttable

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_tables_by_hour

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

sschema

ttable

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_tables_by_minute

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

sschema

ttable

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_tables_by_second

Description

Columns

column	data type
sschema	varchar
ttable	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

sschema

ttable

start_ts

manual

auto

total

dur

`sf_241129.vacuum_totals_for_users_by_all`

Description

Columns

column	data type
uuser	varchar
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

`uuser`

`manual`

`auto`

`total`

`dur`

sf_241129.vacuum_totals_for_users_by_day

Description

Columns

column	data type
uuser	varchar
start_ts	date
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

uuser

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_users_by_hour

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

uuser

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_users_by_minute

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

uuser

start_ts

manual

auto

total

dur

sf_241129.vacuum_totals_for_users_by_second

Description

Columns

column	data type
uuser	varchar
start_ts	timestamp
manual	varchar
auto	varchar
total	int4
dur	numeric

Column Descriptions

uuser

start_ts

manual

auto

total

dur

Views

This section contains information about views.

I have separate views for normal views, late-binding views, and materialized views.

Late-binding views have their own views because information about them comes from a function, and the function does not scale. If you have a couple of thousand views, I expect you to run into problems getting information about them - so I've separate this away from the other views so the problem is localized.

Materialized views are really a view, a table and a procedure, and so their RST views have information about the view and the table, and so are quite different to views about views.

BTW, don't use materialized views, ever. The internal implementation is no good.

base_241129.views_tables

Description

Columns

column	data type
view_id	int4
table_id	int4

Column Descriptions

view_id

table_id

lf_241129.views_late_binding

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
user_id	int4
user_name	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

user_id

user_name

lf_241129.views_late_binding_columns

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

lf_241129.views_materialized

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
user_id	int4
user_name	varchar
failures	varchar
autorefresh	varchar
refresh_type	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

user_id

user_name

failures

autorefresh

refresh_type

lf_241129.views_materialized_columns

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

lf_241129.views_materialized_table

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
user_id	int4
user_name	varchar
failures	varchar
autorefresh	varchar
refresh_type	varchar
table_id	int4
table_name	varchar
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool

Column Descriptions

schema_id

schema_name

view_id

view_name

user_id

user_name

failures

autorefresh

refresh_type

table_id

table_name

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

lf_241129.views_materialized_table_blocks_rows

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
user_id	int4
user_name	varchar
failures	varchar
autorefresh	varchar
refresh_type	varchar
table_id	int4
table_name	varchar
table_creation	timestamp
table_age	interval
table_number_columns	int2
table_sort_type	varchar
table_number_sortkeys	int2
table_distribution_type	varchar
table_distribution_auto_flag	bool
number_slices	int2
number_sorted_blocks	int8
number_unsorted_blocks	int8
number_total_blocks	int8
number_sorted_rows	int8
number_unsorted_rows	int8
number_total_rows	int8

Column Descriptions

schema_id

schema_name

view_id

view_name

user_id

user_name

failures

autorefresh

refresh_type

table_id

table_name

table_creation

table_age

table_number_columns

table_sort_type

table_number_sortkeys

table_distribution_type

table_distribution_auto_flag

number_slices

number_sorted_blocks

number_unsorted_blocks

number_total_blocks

number_sorted_rows

number_unsorted_rows

number_total_rows

lf_241129.views_normal

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
user_id	int4
user_name	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

user_id

user_name

lf_241129.views_normal_columns

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
column_ordinal	int2
column_name	varchar
column_data_type_id	int4
column_base_data_type_name	varchar
column_octet_length	int4
column_precision	int2
column_scale	int2
column_full_data_type_name	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

column_ordinal

column_name

column_data_type_id

column_base_data_type_name

column_octet_length

column_precision

column_scale

column_full_data_type_name

lf_241129.views_text

Description

Columns

column	data type
schema_id	int4
schema_name	varchar
view_id	int4
view_name	varchar
view_text	varchar

Column Descriptions

schema_id

schema_name

view_id

view_name

view_text

sf_241129.views_late_binding

Description

Columns

column	data type
sschema	varchar
vview	varchar
uuser	varchar

Column Descriptions

sschema

vview

uuser

sf_241129.views_late_binding_columns

Description

Columns

column	data type
sschema	varchar
vview	varchar
ccolumn	varchar
data_type	varchar

Column Descriptions

sschema

vview

ccolumn

data_type

sf_241129.views_materialized

Description

Columns

column	data type
sschema	varchar
vview	varchar
uuser	varchar
status	varchar

Column Descriptions

sschema

vview

uuser

status

sf_241129.views_materialized_columns

Description

Columns

column	data type
sschema	varchar
vview	varchar
ccolumn	varchar
data_type	varchar

Column Descriptions

sschema

vview

ccolumn

data_type

sf_241129.views_materialized_table

Description

Columns

column	data type
sschema	varchar
vview	varchar
uuser	varchar
status	varchar
ttable	varchar
age	interval
cols	int2
ssort	varchar
skeys	int2
dist	varchar

Column Descriptions

sschema

vview

uuser

status

ttable

age

cols

ssort

skeys

dist

sf_241129.views_materialized_table_blocks_rows

Description

Columns

column	data type
sschema	varchar
vview	varchar
uuser	varchar
status	varchar
ttable	varchar
age	interval
cols	int2
ssort	varchar
skeys	int2
dist	varchar
slices	int2
sblks	int8
ublks	int8
tblks	int8
srows	int8
urows	int8
trows	int8

Column Descriptions

sschema

vview

uuser

status

ttable

age

cols

ssort

skeys

dist

slices

sblks

ublks

tblks

srows

urows

trows

sf_241129.views_normal

Description

Columns

column	data type
sschema	varchar
vview	varchar
uuser	varchar

Column Descriptions

sschema

vview

uuser

`sf_241129.views_normal_columns`

Description

Columns

column	data type
sschema	varchar
vview	varchar
ccolumn	varchar
data_type	varchar

Column Descriptions

sschema

vview

ccolumn

data_type

sf_241129.views_text

Description

Columns

column	data type
sschema	varchar
vview	varchar
ttext	varchar

Column Descriptions

sschema

vview

ttext

Wqueues

This section contains views for WLM queues.

I can't use the name `queues`, because it overlaps with `queries` and so tab-completion in `psql` is awkward.

The name was `wlm_queues` for a while, but it's too long.

Note the view `lf/sf.wqueues` is particularly important, because it shows stats and state for queues, and so shows you what the cluster is looking like right now.

Note that the RST views in general are not tested with, and not intended for, and cannot be used properly with, `AutoWLM`.

This is because `AutoWLM`, when enabled, causes Redshift to stop providing critical information about queue configuration; you're blind as to what's going on.

You should never use `AutoWLM` anyway. I think it's no good, I've seen all sorts of client trouble from it, and it's a black box at the very center of your system, which has been through multiple revisions due to fundamental design flaws, is undocumented and subject to change without warning. Also, when combined with `CSC`, it is a potentially explosively expensive choice. Learn how to configure queues manually, it's trivially easy, and do that.

lf_241129.wqueues

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
number_slots	int2
number_queued_queries	int2
number_running_queries	int2
number_completed_queries	int4
min_queue_duration	interval
max_queue_duration	interval
med_queue_duration	float4
avg_queue_duration	interval
std_queue_duration	float4
min_exec_duration	interval
max_exec_duration	interval
med_exec_duration	float4
avg_exec_duration	interval
std_exec_duration	float4
queue_csc_flag	bool
number_csc_completed_queries	int4

Column Descriptions

queue_id

queue_name

number_slots

number_queued_queries

number_running_queries

number_completed_queries

min_queue_duration

max_queue_duration

med_queue_duration

avg_queue_duration

std_queue_duration

min_exec_duration

max_exec_duration

med_exec_duration

avg_exec_duration

std_exec_duration

queue_csc_flag

number_csc_completed_queries

lf_241129.wqueues_memory

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
number_slots	int2
ra3_xlplus_memory_per_slot_per_slice	int4
ra3_4x_memory_per_slot_per_slice	int4
ra3_16x_memory_per_slot_per_slice	int4
dc2_min_memory_per_slot_per_slice	int4
dc2_max_memory_per_slot_per_slice	int4
timeout	interval

Column Descriptions

queue_id

queue_name

number_slots

ra3_xlplus_memory_per_slot_per_slice

ra3_4x_memory_per_slot_per_slice

ra3_16x_memory_per_slot_per_slice

dc2_min_memory_per_slot_per_slice

dc2_max_memory_per_slot_per_slice

timeout

lf_241129.wqueues_qmr_log

Description

Columns

column	data type
event_ts	timestamp
rule_name	varchar
rule_action	varchar
queue_id	int2
queue_name	varchar
user_id	int4
user_name	varchar
query_id	int4

Column Descriptions

event_ts

rule_name

rule_action

queue_id

queue_name

user_id

user_name

query_id

lf_241129.wqueues_qmr_rules

Description

Columns

column	data type
rule_ordinal	int2
rule_name	varchar
queue_id	int2
queue_name	varchar
rule_action	varchar
metric_name	varchar
metric_operator	varchar
metric_value	float8

Column Descriptions

rule_ordinal

rule_name

queue_id

queue_name

rule_action

metric_name

metric_operator

metric_value

lf_241129.wqueues_routing_rules

Description

Columns

column	data type
rule_order	int2
query_group_wildcard_flag	bool
user_group_wildcard_flag	bool
condition	varchar
queue_id	int2
queue_name	varchar

Column Descriptions

rule_order

query_group_wildcard_flag

user_group_wildcard_flag

condition

queue_id

queue_name

lf_241129.wqueues_totals_slot_utilization_by_all

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
slot_number	int2
duration	interval

Column Descriptions

queue_id

queue_name

slot_number

duration

lf_241129.wqueues_totals_slot_utilization_by_day

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
slot_number	int2
start_ts	timestamp
duration	interval

Column Descriptions

queue_id

queue_name

slot_number

start_ts

duration

lf_241129.wqueues_totals_slot_utilization_by_hour

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
slot_number	int2
start_ts	timestamp
duration	interval

Column Descriptions

queue_id

queue_name

slot_number

start_ts

duration

lf_241129.wqueues_totals_slot_utilization_by_minute

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
slot_number	int2
start_ts	timestamp
duration	interval

Column Descriptions

queue_id

queue_name

slot_number

start_ts

duration

lf_241129.wqueues_totals_slot_utilization_by_second

Description

Columns

column	data type
queue_id	int2
queue_name	varchar
slot_number	int2
start_ts	timestamp
duration	interval

Column Descriptions

queue_id

queue_name

slot_number

start_ts

duration

sf_241129.wqueues

Description

Columns

column	data type
qname	varchar
slots	int2
queued	int2
running	int2
completed	int4
queue	varchar
exec	varchar
csc	varchar
csc_comp	int4

Column Descriptions

qname

slots

queued

running

completed

queue

exec

csc

csc_comp

sf_241129.wqueues_memory

Description

Columns

column	data type
qname	varchar
slots	int2
ra3_xlplus	int4
ra3_4x	int4
ra3_16x	int4
dc2_min	int4
dc2_max	int4

Column Descriptions

qname

slots

ra3_xlplus

ra3_4x

ra3_16x

dc2_min

dc2_max

sf_241129.wqueues_qmr_log

Description

Columns

column	data type
event_ts	timestamp
rrule	varchar
aaction	varchar
qname	varchar
uuser	varchar
qid	int4

Column Descriptions

event_ts

rrule

aaction

qname

uuser

qid

sf_241129.wqueues_qmr_rules

Description

Columns

<u>column</u>	<u>data type</u>
oorder	int2
rrule	varchar
qname	varchar
aaction	varchar
conditions	varchar

Column Descriptions

oorder

rrule

qname

aaction

conditions

sf_241129.wqueues_routing_rules

Description

Columns

column	data type
oorder	int2
qgwc	varchar
ugwc	varchar
condition	varchar
qname	varchar

Column Descriptions

oorder

qgwc

ugwc

condition

qname

`sf_241129.wqueues_totals_slot_utilization_by_all`

Description

Columns

column	data type
qname	varchar
slot	int2
dur	numeric

Column Descriptions

qname

slot

dur

sf_241129.wqueues_totals_slot_utilization_by_day

Description

Columns

column	data type
qname	varchar
slot	int2
start_ts	date
dur	numeric

Column Descriptions

qname

slot

start_ts

dur

sf_241129.wqueues_totals_slot_utilization_by_day_as_table

Description

Columns

column	data type
qname	varchar
slot	int2
today	numeric
today-1	numeric
today-2	numeric
today-3	numeric
today-4	numeric
today-5	numeric

Column Descriptions

qname

slot

today

today-1

today-2

today-3

today-4

today-5

`sf_241129.wqueues_totals_slot_utilization_by_hour`

Description

Columns

column	data type
qname	varchar
slot	int2
start_ts	timestamp
dur	numeric

Column Descriptions

qname

slot

start_ts

dur

`sf_241129.wqueues_totals_slot_utilization_by_minute`

Description

Columns

column	data type
qname	varchar
slot	int2
start_ts	timestamp
dur	numeric

Column Descriptions

qname

slot

start_ts

dur

sf_241129.wqueues_totals_slot_utilization_by_second

Description

Columns

column	data type
qname	varchar
slot	int2
start_ts	timestamp
dur	numeric

Column Descriptions

qname

slot

start_ts

dur