

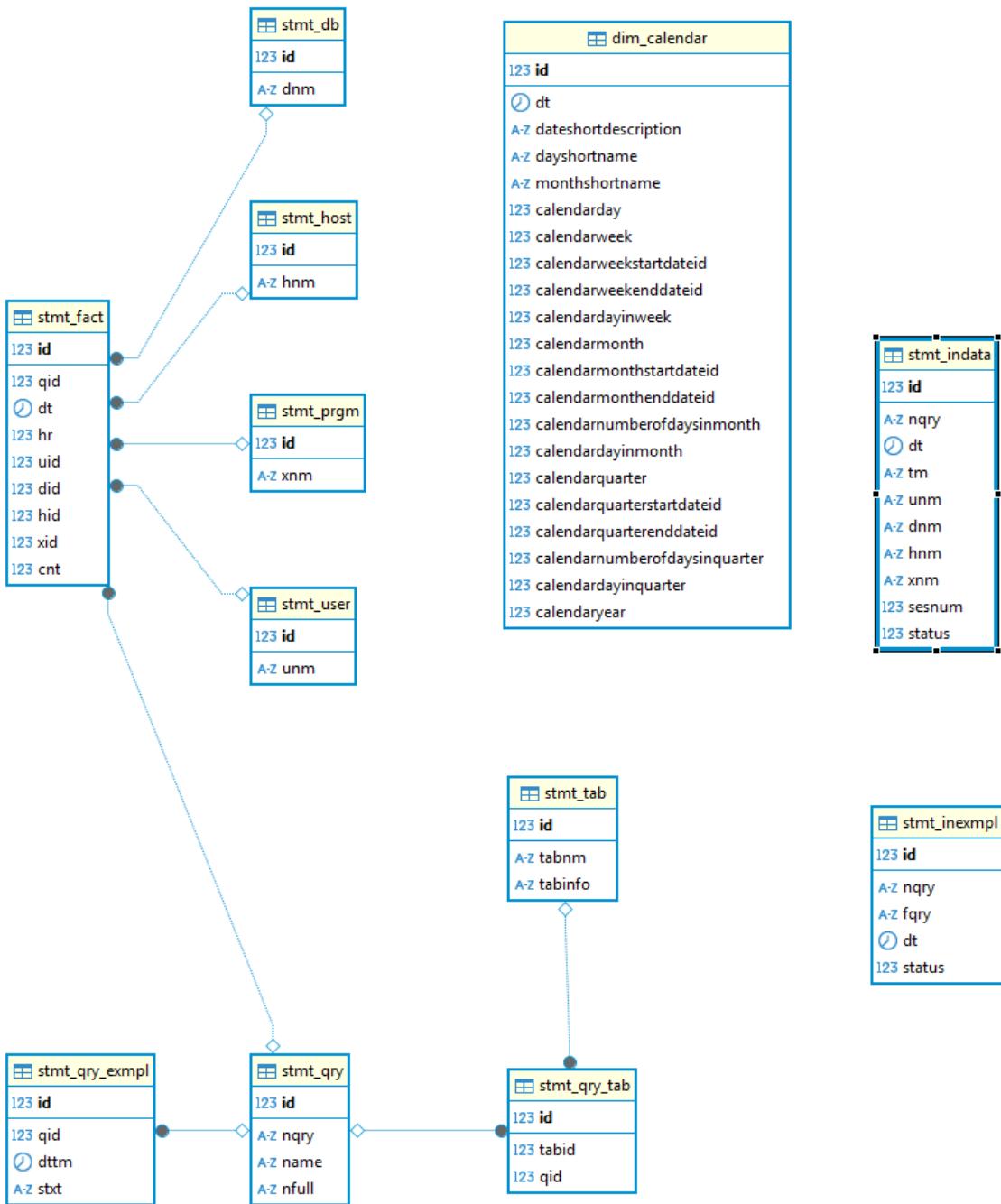
Query View

Version: v0.1

<https://github.com/legrzes/qview>

Django application to presenting and watching queries.

Database diagram



Tables info

Dim_calendar : table with date dimension

Stmt_inexmpl : table used to import examples of queries

Stmt_indata: table used to import data , information from logs, etc.

Pages

Main page



Main page contains:

- Last date in data, for controlling last data acquisition
- Graphs
 - Summary duration from last 7 days
 - Summary duration from last 30 days

- Summary duration from last 500 days
 - Average duration per hour in day
 - Average duration per day in weekend
 - Average duration per day in month- Top items
 - Top users (365 days)
 - Top hosts (365 days)
 - Top programs (365 days)

Top queries (last 500 days), last day, last 7 days, last 30 days

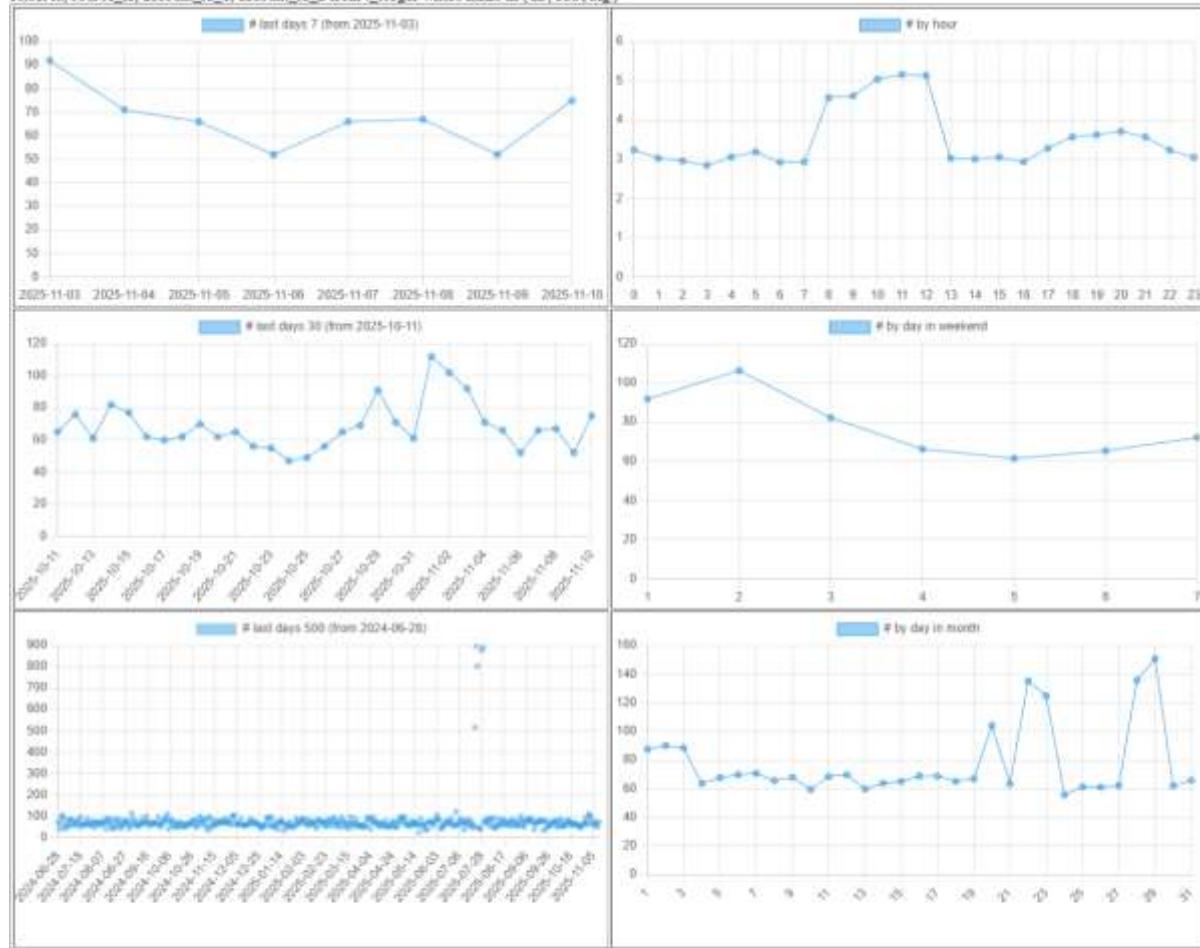
Detailed Description And Data For Each Record In The Table									
Index	Description	Area	Area?	AreaID	Area	Area?	AreaID	Progress	Progress?
1	198 1427	303-06-331-00 179-73	(303-06-331-00)	179-73	(303-06-331-00)	179-73	(303-06-331-00)	179-73	Completed, 100% Status: 100% Progress: 100%
2	185 341	77-28 77-28 78-57	(77-28)	77-28	(77-28)	77-28	(77-28)	77-28	Completed, 100% Status: 100% Progress: 100%
3	475 339	46-14 46-14 39-69	(46-14)	46-14	(46-14)	46-14	(46-14)	46-14	Completed, 100% Status: 100% Progress: 100%
4	492 311	48-45 44-43 39-17	(48-45)	44-43	(44-43)	39-17	(39-17)	48-45	Completed, 100% Status: 100% Progress: 100%
5	119 316	44-28 44-28 33-87	(44-28)	44-28	(44-28)	33-87	(33-87)	44-28	Completed, 100% Status: 100% Progress: 100%
6	698 216	44-28 44-28 25-33	(44-28)	44-28	(44-28)	25-33	(25-33)	44-28	Completed, 100% Status: 100% Progress: 100%
7	407 319	49-29 49-29 37-113	(49-29)	49-29	(49-29)	37-113	(37-113)	49-29	Completed, 100% Status: 100% Progress: 100%
8	360 319	44-28 44-28 34-97	(44-28)	44-28	(44-28)	34-97	(34-97)	44-28	Completed, 100% Status: 100% Progress: 100%
9	644 308	44-08 44-08 37-171	(44-08)	44-08	(44-08)	37-171	(37-171)	44-08	Completed, 100% Status: 100% Progress: 100%
10	223 307	45-88 45-88 33-57	(45-88)	45-88	(45-88)	33-57	(33-57)	45-88	Completed, 100% Status: 100% Progress: 100%
11	188 306	45-75 45-75 33-96	(45-75)	45-75	(45-75)	33-96	(33-96)	45-75	Completed, 100% Status: 100% Progress: 100%
12	173 306	45-73 45-73 36-66	(45-73)	45-73	(45-73)	36-66	(36-66)	45-73	Completed, 100% Status: 100% Progress: 100%
13	164 301	43-17 43-17 34-06	(43-17)	43-17	(43-17)	34-06	(34-06)	43-17	Completed, 100% Status: 100% Progress: 100%
14	354 301	43-19 43-19 35-37	(43-19)	43-19	(43-19)	35-37	(35-37)	43-19	Completed, 100% Status: 100% Progress: 100%

COLUMN NAME	CONTAINS
LC	Ordinal number
QID	Query id
DURATION	Duration during period (in this case , during last 7 days)
AVERAGE	Average during period
AVR7	Average during last 7 days
AVR30	Average during last 30 days
USER	List of user which use query with duration
HOST	Hosts which use query with duration
PROGRAMS	Programs used to execute query with duration
NQRY	Normalized query

Query Info

[index] [top_queries] [top_last_day] [top_last_7_days] [top_last_30_days]

Query: 185 select id, source_id, account_id_1, account_id_2 from t_ledger where name in ('XYZ')
select id, source_id, account_id_1, account_id_2 from t_ledger where name in ('aa','ddd','dfg')



users

(10755) web2; (4092) user1; (3080) rpm3; (1589) web1; (1572) rpm1; (1547) devb; (1528) deva; (1515) abc; (1510) rpm2; (60) user4; (60) -;

hosts

(5698) web1; (4212) local; (3598) web2; (3392) web3; (1207) dev2; (1181) bil2; (1176) dev3; (1168) adm1; (1163) bil5; (1150) dev1; (1145) bil1; (1121) bil3; (1098) bil4;

programs

(13034) program1; (7479) dbbeaver; (6798) pgsql;

examples

(Nov. 2, 2025, 6:17 p.m.) select id, source_id, account_id_1, account_id_2 from t_ledger where name in ('aa','ddd','dfg')

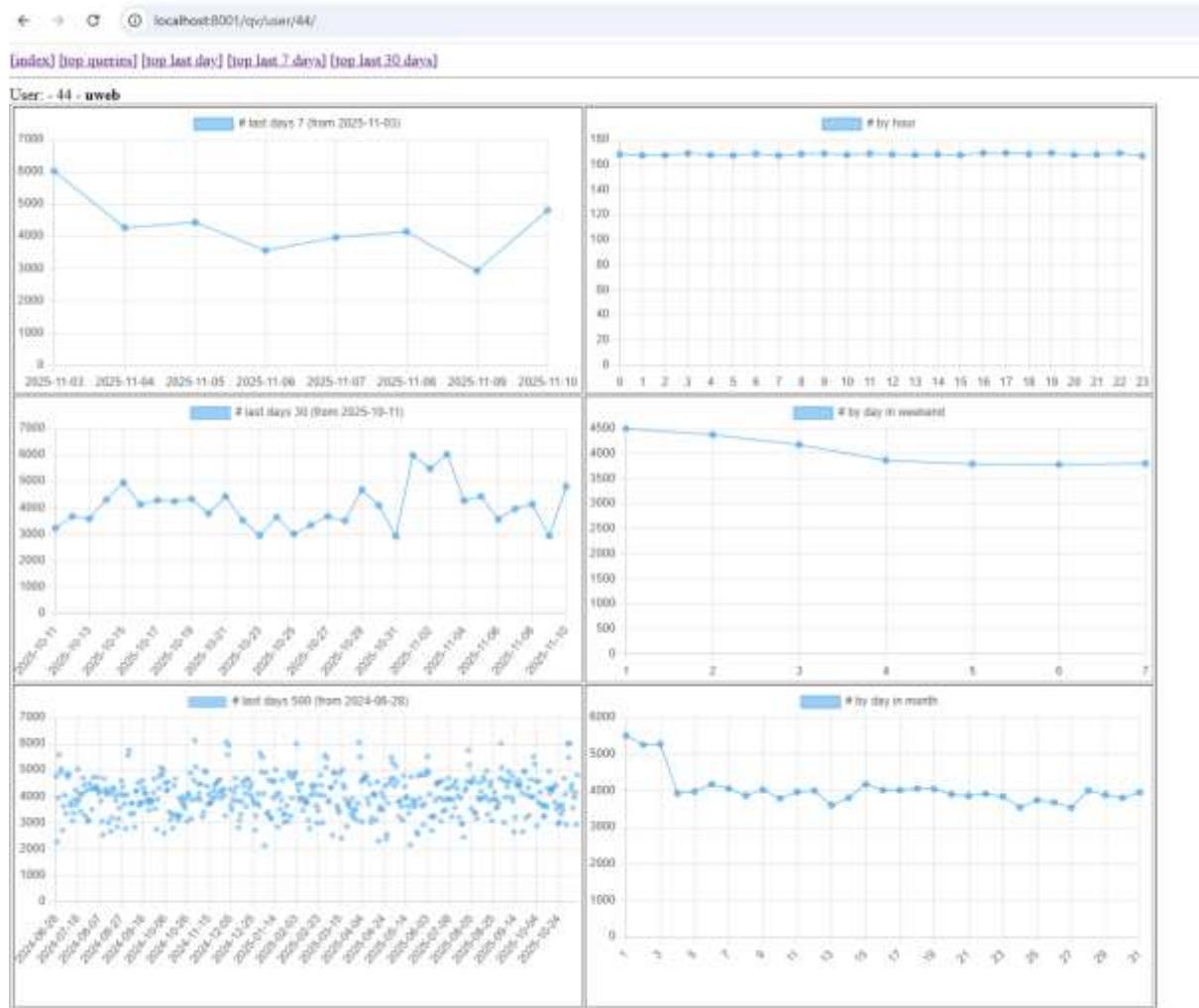
(Oct. 7, 2025, 6:17 p.m.) select id, source_id, account_id_1, account_id_2 from t_ledger where name in ('abc','eee','fff')

Page contains

- Id of query and normalized sql
- Name of query, for future use
- Graphs
 - Summary duration from last 7 days
 - Summary duration from last 30 days

- Summary duration from last 500 days
- Average duration per hour in day
- Average duration per day in weekend
- Average duration per day in month
- Top items
 - Top users (365 days)
 - Top hosts (365 days)
 - Top programs (365 days)
- Users (which use query with duration)
- Host from which query was executed
- Programs used to execute query
- Examples of query (not normalized) with dates when they was executed

User Info, Program Info, Host Info



queries

```
(51808) insert into t_order (client_id, consumer_name, sec_id, s_date, pre_qty, qty, org_prc, prc_type, validity_status, validity_date) values (XYZ)
(20527) select id, source_id, account_id_1, account_id_2 from t_ledger where name in (XYZ)
(10599) select id, client_id, account_id, type, status from t_cl_account where client_id=N limit N
(10591) select a.name, c.name, c.type, sum(c.value), count(*) from t_ledger l, t_account a, t_client c, t_cl_account ca where a.id=ca.account_id and ca.client_id=c.id and c.type=X and l.account_id=N
(1056) select max(id) from t_client
(1052) select id, source_id, account_id_1, account_id_2 from t_ledger where name in (XYZ)
(10560) select status, sum(qn*prc) from t_order where client_id in (XYZ) and org_prc=X and prc<N group by N
(10545) select * from t_ledger l join t_account ta on tl.account_id_1=ta.id join t_account ta2 on tl.account_id_2=ta2.id join (select account_id from t_cl_account ta where type=X) ta3 on tl.account_id=N
(10344) insert into t_ledger (name, source_type, source_id, value, account_id_1, account_id_2, description) values (XYZ)
(10524) select * from t_order where client_id in (XYZ) and consumer_id in (XYZ)
(10517) select status, sum(qn*prc) from t_order where client_id in (XYZ) and org_prc=X and prc>N and qty <=N group by N
(10501) update t_order set status=X where id=N
(10500) select status, sum(qn*prc) from t_order where client_id in (XYZ) and consumer in (XYZ)
(10485) insert into t_order (client_id, consumer_name, sec_id, s_date, pre_qty, qty, org_prc, prc_type, validity_status, validity_date) values (XYZ)
(10477) insert into t_order (client_id, consumer_name, sec_id, s_date, pre_qty, qty, org_prc, prc_type, validity_status, validity_date) values (XYZ)
(10471) select id, source_id, account_id_1, account_id_2 from t_ledger where name in (XYZ)
(10470) select c.relation, case when c.relation then X when c.relation then X else X end, obj_descriptions(c.obj_id) from pg_catalog.pg_class c left join pg_catalog.pg_namespace
(10468) select * from t_ledger l join t_account ta on tl.account_id_1=ta.id join t_account ta2 on tl.account_id_2=ta2.id join (select account_id from t_cl_account ta) ta3 on tl.account_id_1=ta3.id
(10463) select sec_id, sum(prc*qty) from t_order where client_id=N group by N
(10463) select a.id, ca.id, a.name, c.name, c.type from t_account a, t_client c, t_cl_account ca where a.id=ca.account_id and ca.client_id=c.id and c.type=N
```

users

hosts

(143346) web1; (207807) web2; (207333) web3; (69965) adm1; (69574) dev2; (69518) bill1; (69495) bill2; (69483) bill3; (69461) bill4; (69262) dev1; (69076) bill5; (68846) dev3;

programs

(769710) program1_36; (461640) dbeaver35; (154018) mysql11;

Page contains

- Name of user/program/host

- Graphs
 - Summary duration from last 7 days
 - Summary duration from last 30 days
 - Summary duration from last 500 days
 - Average duration per hour in day
 - Average duration per day in weekend
 - Average duration per day in month
- Top items (depends of kind of item)
 - Top queries (365 days)
 - Top users (365 days)
 - Top hosts (365 days)
 - Top programs (365 days)