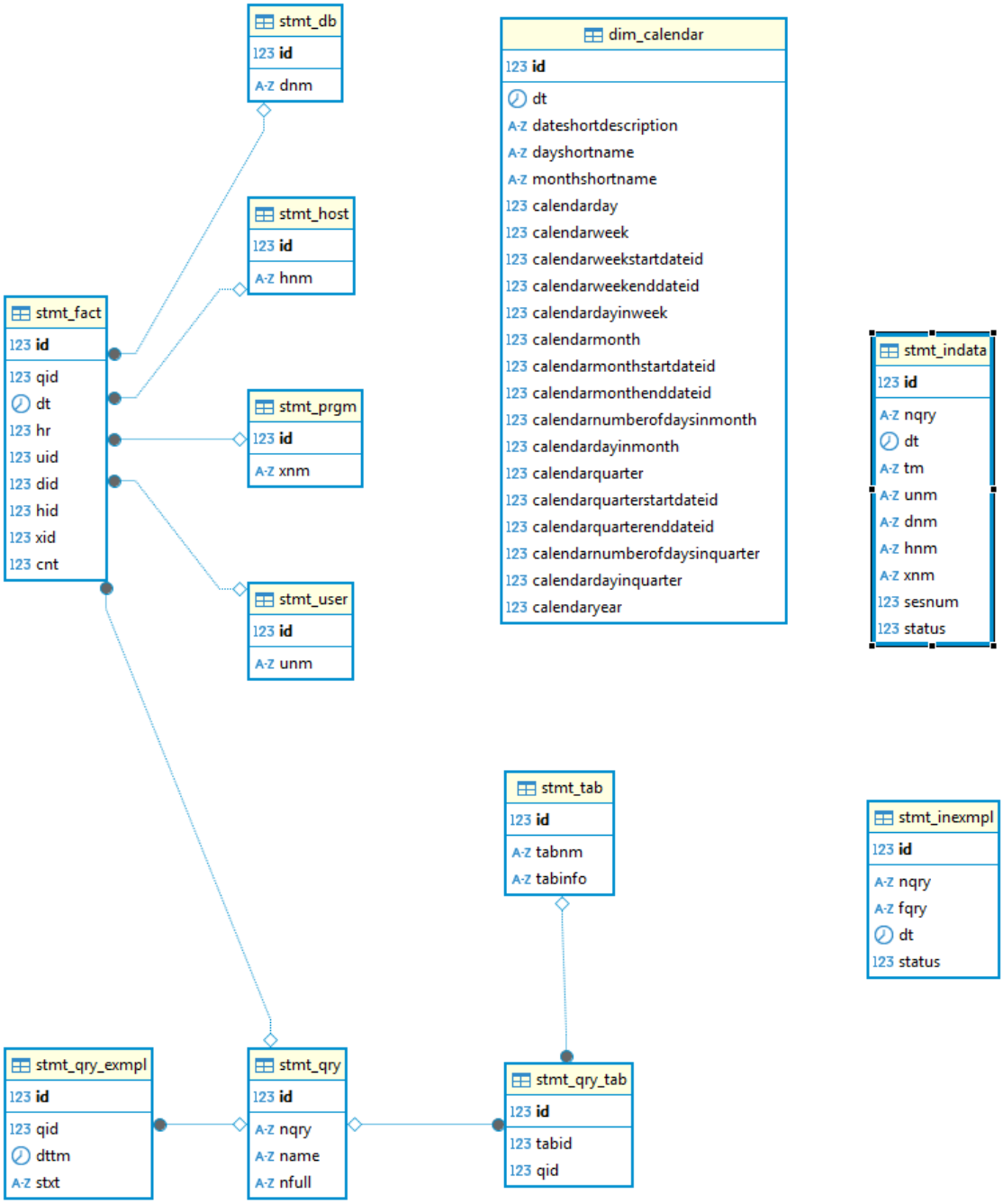
Query View

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)

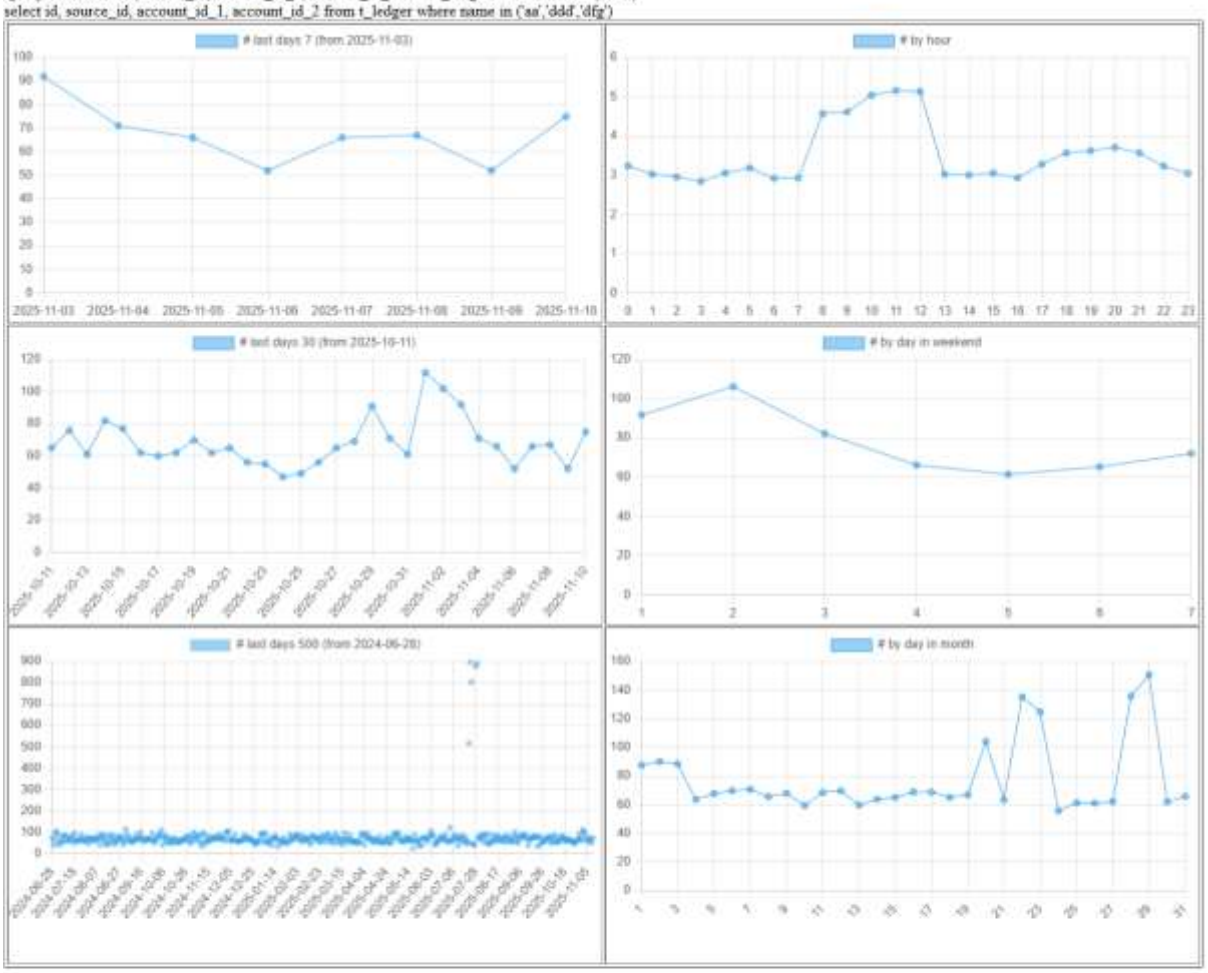
Top queries (last 500 days), last day, last 7 days, last 30 days

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) uweb ; (4092) tuser1 ; (3080) rap3 ; (1589) rweb ; (1572) rap1 ; (1547) devb ; (1528) deva ; (1518) abc ; (1510) rap2 ; (60) tuser4 ; (60) - ;

hosts

(5698) web1 ; (4212) local ; (3598) web2 ; (3392) web3 ; (1207) dev2 ; (1181) bil2 ; (1176) dev3 ; (1168) adm1 ; (1163) bil5 ; (1150) dev1 ; (1145) bil1 ; (1123) bil3 ; (1098) bil4 ;

programs

(13034) program1 ; (7479) dbeaver ; (6798) psql ;

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')
;

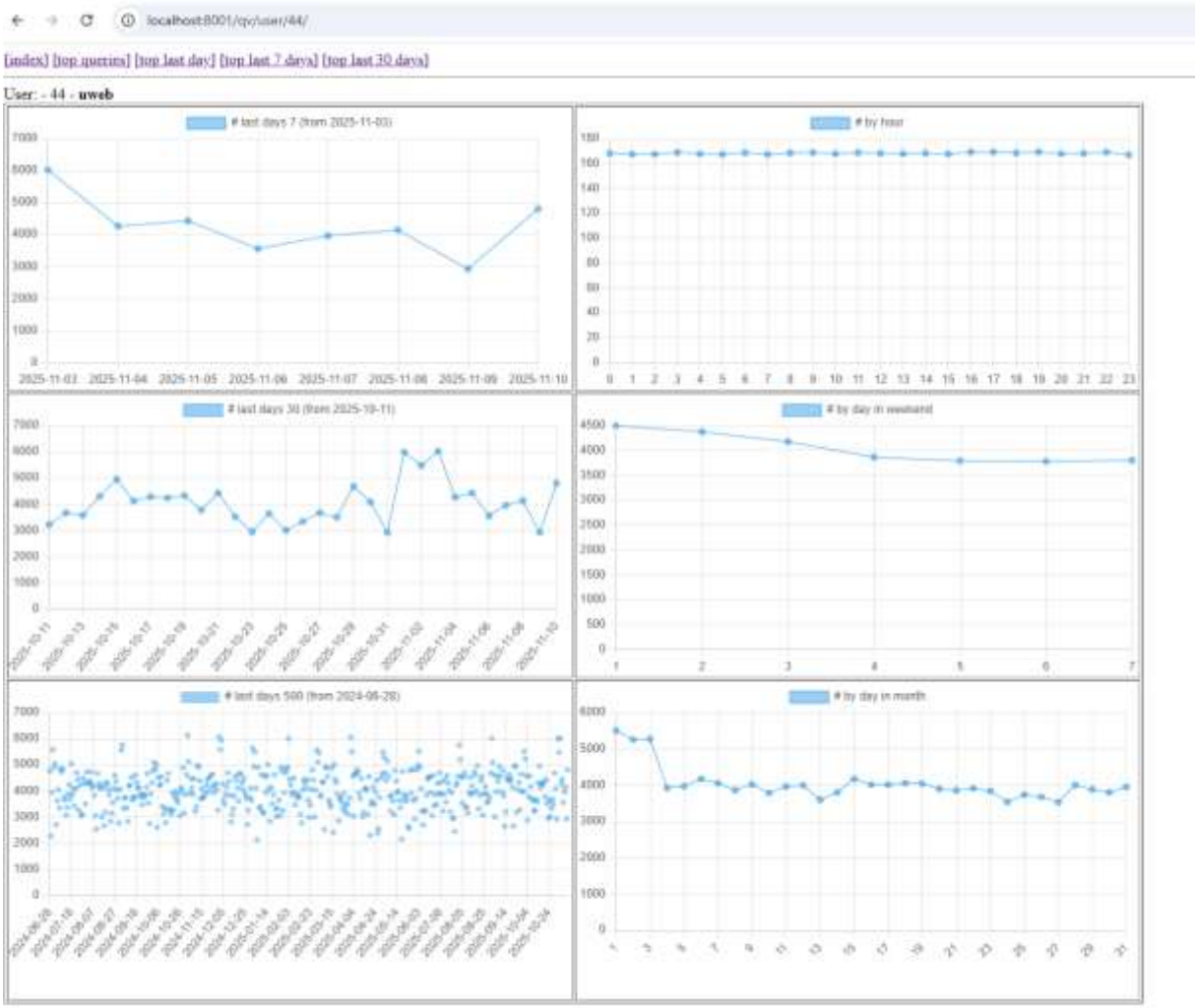
(Oct. 7, 2025, 6:17 p.m.) select id, source_id, account_id_1, account_id_2 from t_ledger where name in ('abc','eee','fff')
;

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



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)