

Pg stat statements

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Top 10 Time Consuming Queries:

- a. **Sorted by total_time for all calls.**
 - i. (select query, total_time from pg_stat_statements ORDER BY total_time DESC limit 10)
- b. **Sorted by average time for single execution**
 - i. (select query, total_time/calls as average_time from pg_stat_statements ORDER BY average_time DESC limit 10)

Top 10 queries consuming longest time for I/O(disk) reads: [more important for performance tuning]

- a. \COPY (select query,blk_read_time from pg_stat_statements ORDER BY blk_read_time DESC limit 10) to 'longest_io_reads.txt';

Top 10 queries consuming longest time for I/O(disk) writes: [more important for performance tuning]

- a. \COPY (select query,blk_write_time from pg_stat_statements ORDER BY blk_write_time DESC limit 10) to 'longest_io_writes.txt';

Top 10 queries with most disk blocks read:

- a. \COPY (select query, shared_blks_read from pg_stat_statements ORDER BY shared_blks_read DESC limit 10) to 'most_blocks_read.txt';

Top 10 queries with most disk blocks written:

- a. \COPY (select query, shared_blks_written from pg_stat_statements ORDER BY shared_blks_written DESC limit 10) to 'most_blocks_written.txt';

Top 10 Common Queries:

- a. \COPY (select query,calls from pg_stat_statements ORDER BY calls DESC limit 10) to 'most_common.txt';

Top 10 common queries sorted by time.

- a. **Sorted by total_time for all calls.**
 - i. \COPY (SELECT query,calls,total_time from (select query,calls,total_time from pg_stat_statements ORDER BY calls DESC limit 10) as common_queries order by common_queries.total_time DESC) to 'common_queries_sorted_by_total_time.txt';
- b. **Sorted by average time for single execution**
 - i. \COPY (SELECT query,calls,total_time/calls as average_time from (select query,calls,total_time from pg_stat_statements ORDER BY calls DESC limit 10) as common_queries order by average_time DESC) to 'common_queries_sorted_by_average_time.txt';

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