

Postgresql硬盘空间查询

一、查看所有表，索引占用空间

```
-- 表、索引占用空间
SELECT
  table_name,
  pg_size_pretty(table_size) AS table_size,
  pg_size_pretty(indexes_size) AS indexes_size,
  pg_size_pretty(total_size) AS total_size
FROM (
  SELECT
    table_name,
    pg_table_size(table_name) AS table_size,
    pg_indexes_size(table_name) AS indexes_size,
    pg_total_relation_size(table_name) AS total_size
  FROM (
    SELECT ('' || table_schema || '.' || table_name || '') AS table_name
    FROM information_schema.tables
  ) AS all_tables
  ORDER BY total_size DESC
) AS pretty_sizes;
```

二、查看数据库占用空间

```
-- 查询指定数据库占用空间
select pg_size_pretty (pg_database_size('test_database'));

-- 查询所有数据库占用空间
select datname, pg_size_pretty (pg_database_size(datname)) AS size from pg_database;
```

三、查看当前数据库所有表占用空间

```
-- 查询当前数据库所有表占用空间
select
  table_full_name,
  pg_size_pretty(size)
from
  (
    SELECT
      table_schema || '.' || table_name AS table_full_name,
      pg_total_relation_size(
        '' || table_schema || '.' || table_name || ''
      ) AS size
    FROM
      information_schema.tables
    ORDER BY
      size DESC
  ) as T
```

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