

Postgres 数据清理过程

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原文链接: <https://ld246.com/article/1682305207719>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

查看数据量大的表

```
SELECT table_schema || '.' || table_name AS table_full_name, pg_size_pretty(pg_total_relation_size('' || table_schema || '.' || table_name || '')) AS size
FROM information_schema.tables
ORDER BY
pg_total_relation_size('' || table_schema || '.' || table_name || '' ) DESC limit 100
```

```
nap=> SELECT table_schema || '.' || table_name AS table_full_name, pg_size_pretty(pg_total_relation_size('' || table_schema || '.' || table_name || '')) AS size
FROM information_schema.tables
ORDER BY
pg_total_relation_size('' || table_schema || '.' || table_name || '' ) DESC limit 100;
```

table_full_name	size
st	121 GB
	2863 MB
	350 MB
	207 MB
	87 MB
	77 MB
	64 MB
	34 MB
	17 MB
	15 MB
	13 MB
	8608 kB
	8096 kB
	6712 kB
	5264 kB
	5144 kB
	5040 kB
	4880 kB
	4808 kB
	4128 kB
	3808 kB
	3808 kB
	3328 kB
	3328 kB
	3160 kB
	2584 kB

查看数据量大的字段

```
select
sum(pg_column_size(path_analyze_result)) as path,
sum(pg_column_size(object_analyze_result)) as object,
sum(pg_column_size(correlation_analyze_result)) as correlation
from nap_policy_service_request;
```

```
path | object | correlation
-----+-----+-----
32640372 | 252413523 | 48469497241
(1 row)
```

数据处理

如果是一些不重要的数据，可以直接删除

```
delete from table_name
```

然后需要清除索引和TOAST数据

```
VACUUM FULL table_name;
```

```
nap=> \dt+ table_name
      List of relations
 Schema |      Name      | Type | Owner | Size | Description
-----+-----+-----+-----+-----+-----
 public | table_name | table | nap   | 3047 MB |
(1 row)
```

如果不能删除,可以进行数据迁移, 分库分表等处理