

ClickHouse PostgreSQL FDW

особенности

- использует http или binary(только select) протоколы
- push down агрегаций
- дополнительная поддержка движка таблицы
CollapsingMergeTree

```
CREATE SERVER my_ch_server FOREIGN DATA WRAPPER  
clickhouse_fdw OPTIONS(host 'localhost', dbname 'test',  
driver 'binary');
```

```
CREATE FOREIGN TABLE my_table(os_name text, clicks  
integer) SERVER my_ch_server OPTIONS (engine  
'CollapsingMergeTree(sign)', table_name 'click_kpis');
```

```
# EXPLAIN VERBOSE SELECT os_name, SUM(clicks) FROM my_table GROUP BY 1;  
                                QUERY PLAN
```

```
Foreign Scan  (cost=1.00..-0.90 rows=1 width=40)
```

```
Output: os_name, (sum(clicks))
```

```
Relations: Aggregate on (my table)
```

```
Remote SQL: SELECT os_name, sum(clicks * sign) FROM test.click_kpis  
GROUP BY os_name  
(4 rows)
```

github.com/adjust/clickhouse_fdw