

Title: Query data from PostgreSQL title: Logagent input plugin for PostgreSQL  
description: Logagent features modular logging architecture framework where each input or output module is implemented as a plugin. Use PostgreSQL queries as input and stream the output into Logagent. Export and query data from PostgreSQL, choose time zone and format for query time, use multiple SQL query statements features, index SQL data to Elasticsearch and create alerts based on data in PostgreSQL database

## Input Plugin: PostgreSQL

Input plugin to use PostgreSQL queries as input and stream the output into Logagent.

- run queries frequently
- choose time zone and format for query time
- use multiple SQL query statements

Applications:

- index SQL data to Elasticsearch
- create alerts based on data in PostgreSQL database

## Configuration

```
input:
  postgresql:
    module: postgresql-query
    server:
      user: 'postgres'
      database: 'test'
      password: '$Demo123'
      host: 'localhost'
      port: '5432'
    queryTimezone: America/Los_Angeles
    queryTimeFormat: YYYY-MM-DD HH:mm:ss
    queries:
      - sourceName: query1
        sql: SELECT name, age FROM company where join_date < '$queryTime'
      - sourceName: query2
        sql: SELECT name, salary FROM company where join_date < '$queryTime'
    interval: 1
    debug: true

output:
  stdout: yaml
```

Start Logagent

```
logagent --config postgresql.yaml
```