

Twitter Application

- File structure

```
-exttweetwordcount
  -src
    -bolts
      parse.py
      wordcount.py
    -spouts
      tweets.py

  -topologies
    tweetwordcount.clj
  -pythonscripts
    finalresults.py
    histogram.py
  createTable.py
```
- Application idea

```
create a twitter application
use twitter API to read stream data
create database and table
load data into table
do analysis on table
```
- Description of the architecture

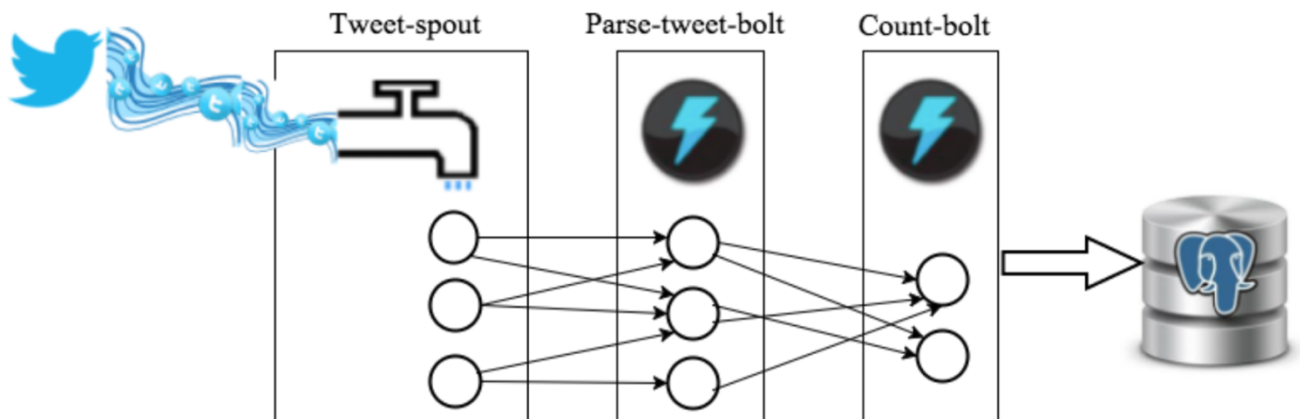


Figure 1: Application Topology

- File dependencies

1. createTable.py must run at the beginning to create the database and table
2. sparse run at the second step to load data into table
3. run finalresults.py and histogram.py as the last step