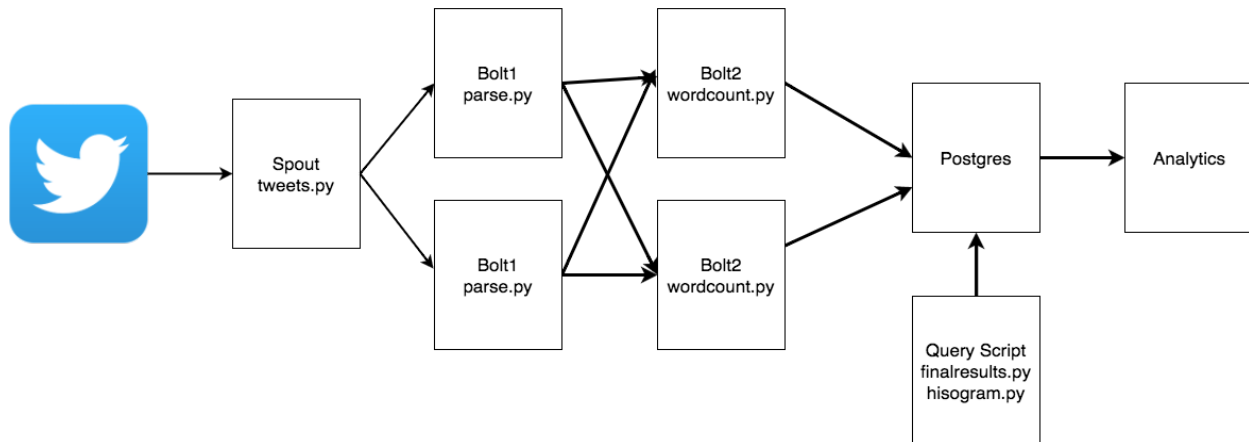


Tweet Streaming Architecture



File	Description
/src/spouts/tweets.py	Establishes connection with Twitter API, listens to tweets streamed from Twitter and handles connection timeouts. Emits tweets to the bolts.
/src/bolts/parse.py	Receives tuples emitted from the spout, breaks the tweet into words, and filters out words unfit for processing, such as hashtags and URLs. Emits words to the next bolt.
/src/bolts/wordcount.py	Receives words from parse.py. Insert the word into Postgres table "tweetwordcount" in database "tcount". Emits a tuple that consists of word and its respective occurrences so far.
/topologies/tweetwordcount.clj	Defines the topology of the spouts and bolts.
/finalresults.py	If given an argument, returns the count of that word by Querying the "tweetwordcount" table. If no arguments are given, it returns all the words in the table and their counts, sorted in ascending alphabetic words of the words.
/histogram.py	When two integer arguments are given, the program returns all the words with counts between the two integer arguments