Application:

Extweetwordcount analyzes a live Twitter stream and saves individual words contained in each Tweet. The app reads a stream of live tweets, parses each tweet into words, counts the words and then adds them to a postgres database in the table tcount.
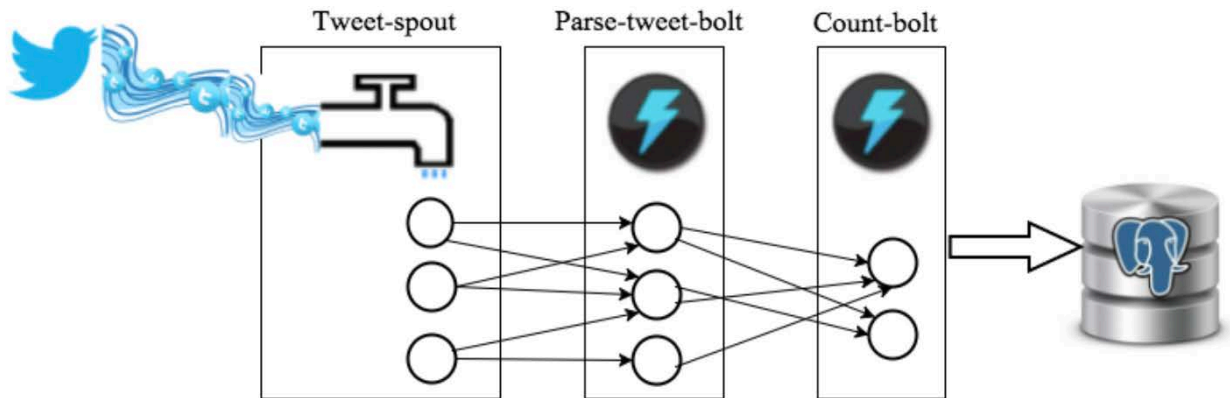

Figure 1: Application Topology

Processing:

- The tweet-spout pulls in a stream through the Twitter API via 3 parallel workers.
- The parse-tweet-bolt parses each tweet into individual word, filters out some symbols and emits the words to the count-bolt.
- The count-bolt, counts each of the words passed to it and then appends new or updates existing words in the tweetwordcount table in the tcount database.