

## Topology (.clj file)

;; note to self: tried to rename the first line to "tweetcount"  
instead of "wordcount" but I got an error :(

```
(ns wordcount
  (:use [streamparse.specs])
  (:gen-class))

(defn tweetcount [options]
  [
    ;; spout configuration
    {"Sentences" (python-spout-spec
                  options
                  ;;spouts, name of spout(name of .py file for this
                  spout), name of class (below)
                  "spouts.sentences.Sentences"
                  ["sentence"]
                  )
     }
    ;; Bolts

    ;; bolt configuration
    {"ParseTweet" (python-bolt-spec
                  options
                  {"Sentences" :shuffle}
                  ;; bolts, name of bolt(name of .py file for this
                  bolt), name of class (below)
                  "bolts.parse.ParseTweet"
                  ["valid_words"]
                  :p 2
                  ;; this bolt is run with another so p 2
                  )

     "TweetCounter" (python-bolt-spec
                  options
                  {"Sentences" :shuffle}
                  ;; bolts, name of bolt(name of .py file for this
                  bolt), name of class (below)
                  "bolts.tweetcounter.TweetCounter"
                  ["word", "count"]
                  :p 1
                  ;; this bolt is run alone
                  )

    ]
  )
```

```
W205 -- root@ip-172-31-11-90:~/tweetcount -- ssh -- 176x42
56135 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1117
56135 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1117
56136 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1117
56145 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1118
56185 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1118
56190 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1118
56191 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1118
56200 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1119
56201 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1119
56202 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1119
56202 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1119
56208 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1120
56209 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1120
56234 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1120
56288 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1120
56313 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1121
56314 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1121
56314 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1121
56315 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1121
56331 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1122
56332 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1122
56332 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1122
56333 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1122
56334 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1123
56344 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1123
56345 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1123
56346 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1123
56346 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1124
56349 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1124
56359 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1124
56361 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She saw him eating a sandwich: 1124
56362 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter She advised him to take a long holiday, so he immediately quit work and took a trip
around the world: 1125
56362 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter I was very glad to get a present from her: 1125
56363 [Thread-29] INFO backtype.storm.task.ShellBolt - ShellLog pid:3701, name:TweetCounter He will be here in half an hour: 1125
```