

HASHTAG COUNT TOPOLOGY

A) Register Twitter APP

1. In order to use the Twitter Streaming API, create a twitter developer account and register for a free APP.
2. Once the APP is registered, you will be provided with the following credentials which will be used by the Twitter Streaming API in order to communicate and authenticate with the Twitter Streaming 1% FireHose.
 - ✓ API Key
 - ✓ API Secret Key
 - ✓ AccessToken
 - ✓ Access Token Secret

B) Create MYSQL Database And Table

1. Database Name: STORM
2. Table Name: HASHTAGCOUNTS
3. Table Schema:
 - ✓ hashtag varchar(1024)
 - ✓ count bigint(20)

C) Configure Twitter App And Database Properties (config.properties)

1. Twitter Configurations:
 - ✓ twitter.apiKey
 - ✓ twitter.apiSecretKey
 - ✓ twitter.accessToken
 - ✓ twitter.accessTokenSecret
 - ✓ twitter.filteredHashTags
2. Database Configurations:
 - ✓ db.username
 - ✓ db.password
 - ✓ db.jdbcConnectionUrl