

Create a flume agent that streams data from Twitter and stores in the HDFS.

Create an application | Twitter

Secure | https://apps.twitter.com/app/1234567890

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Create an application

Application Details

Name *

Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.

Description *

Your application description, which will be shown in user-facing authorization screens. Between 70 and 280 characters max.

Website *

Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL, yet, just put a placeholder here, but remember to change it later.)

Callback URL


Where should we return after successfully authenticating? [C#Auth 1.6](#) applications must explicitly specify their `oauth_callback` URL(s) here, as well as include the one of the URLs below in the request token step. To restrict your application from using callbacks, leave this field blank.

Your application has been created. Please take a moment to review and adjust your application's settings.

acadgildAssignment12

Test OAuth

Details | Settings | Keys and Access Tokens | Permissions

 This app will help me do analysis in flume
<http://google.com/>

Organization

Information about the organization or company associated with your application. This information is optional.

Organization	None
Organization website	None

Application Settings

Your application's Consumer Key and Secret are used to [authenticate](#) requests to the Twitter Platform.

Access level	Read and write (modify app permissions)
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Hadoop Commands x flume-twitter.conf x core-site.xml x core-site.xml x
TwitterAgent.sources = Twitter
TwitterAgent.channels = MemChannel
TwitterAgent.sinks = HDFS

# Describing/Configuring the source
TwitterAgent.sources.Twitter.type = org.apache.flume.source.twitter.TwitterSource
TwitterAgent.sources.Twitter.consumerKey=WPRAXjLXWQTxe9hCmLQBdCWD0
TwitterAgent.sources.Twitter.consumerSecret=T2cxmFtzQ0mlh043jdCB8stCHHjXxnNT1hbnQREscmxmXBMDLd
TwitterAgent.sources.Twitter.accessToken=402640000-usq0d7wVZ00R10UB6E6fQLouKAZlmG8jAU000HpU
TwitterAgent.sources.Twitter.accessTokenSecret=I03ijvhOPNpI647tX5MvlpUet8xINxINTRzV7NEgt90NC
TwitterAgent.sources.Twitter.keywords=hadoop, bigdata, mapreduce, mahout, hbase, nosql
# Describing/Configuring the sink

TwitterAgent.sources.Twitter.keywords= hadoop,election,sports, cricket,Big data

TwitterAgent.sinks.HDFS.channel=MemChannel
TwitterAgent.sinks.HDFS.type=hdfs
TwitterAgent.sinks.HDFS.hdfs.path=hdfs://localhost:8020/user/flume/tweets
TwitterAgent.sinks.HDFS.hdfs.filetype=DataStream
TwitterAgent.sinks.HDFS.hdfs.writeformat=Text
TwitterAgent.sinks.HDFS.hdfs.batchSize=1000
TwitterAgent.sinks.HDFS.hdfs.rollSize=0
TwitterAgent.sinks.HDFS.hdfs.rollCount=10000
TwitterAgent.sinks.HDFS.hdfs.rollInterval=600

TwitterAgent.channels.MemChannel.type=memory
TwitterAgent.channels.MemChannel.capacity=10000
TwitterAgent.channels.MemChannel.transactionCapacity=1000

TwitterAgent.sources.Twitter.channels = MemChannel
TwitterAgent.sinks.HDFS.channel = MemChannel

```

```

[acadgild@localhost ~]$ hadoop fs -ls /
18/06/05 21:23:53 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 5 items
drwxr-xr-x - acadgild supergroup          0 2018-06-03 09:13 /hbase
drwxr-xr-x - acadgild supergroup          0 2018-05-28 03:35 /hbasesample
drwxr-xr-x - acadgild supergroup          0 2018-02-02 12:49 /sqoopout111
drwxrwx--- - acadgild supergroup          0 2018-02-09 11:35 /tmp
drwxr-xr-x - acadgild supergroup          0 2018-02-09 14:50 /user
[acadgild@localhost ~]$ hadoop dfs -mkdir -p /user/flume/tweets/
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

```

```

18/06/05 21:26:17 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost ~]$ █

```