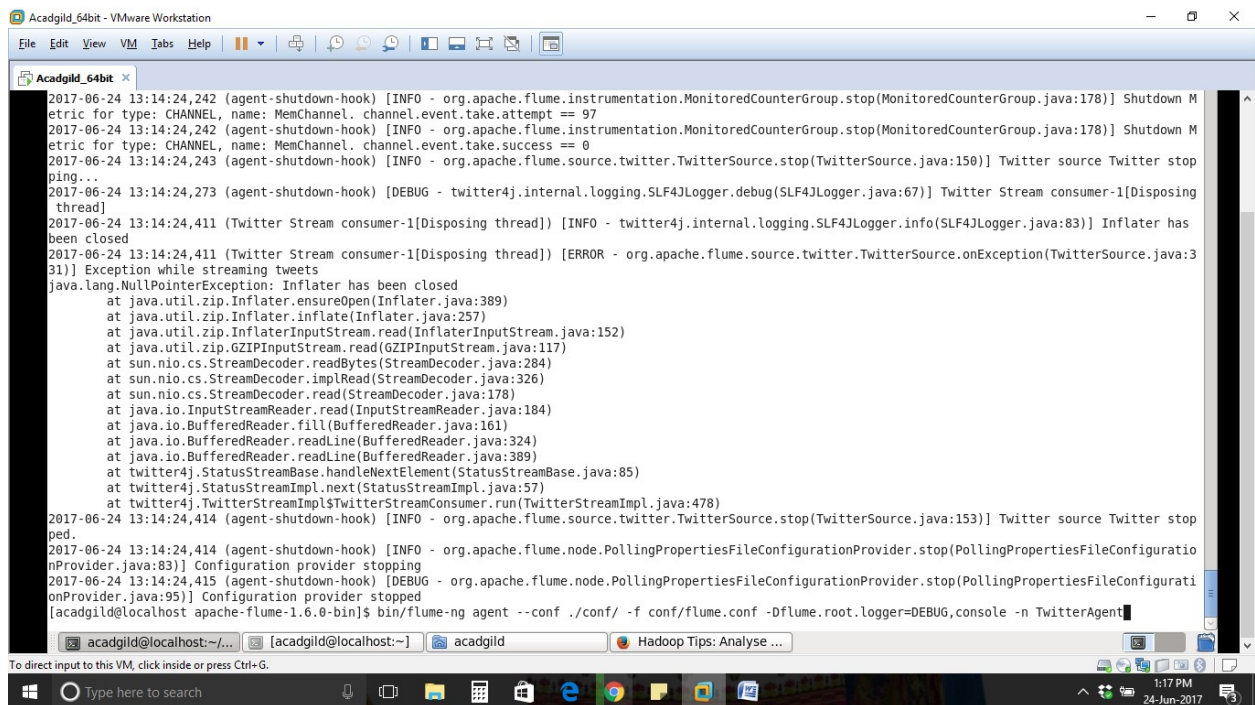# Assignment 11.1

Flume

Problem Statement

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

bin/flume-ng agent --conf ./conf/ -f conf/flume.conf -Dflume.root.logger=DEBUG,console -n TwitterAgent

Starting the Twitter Agent

Data being streamed into HDFS
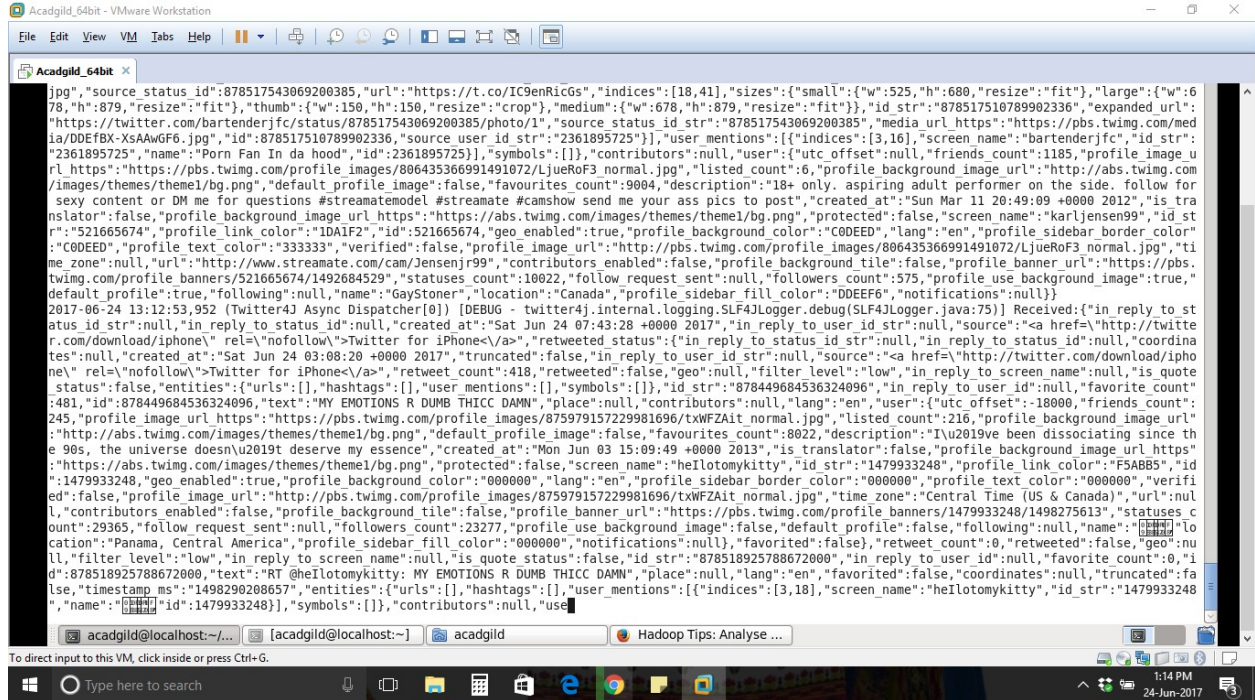
Stop streaming by pressing Ctrl +C
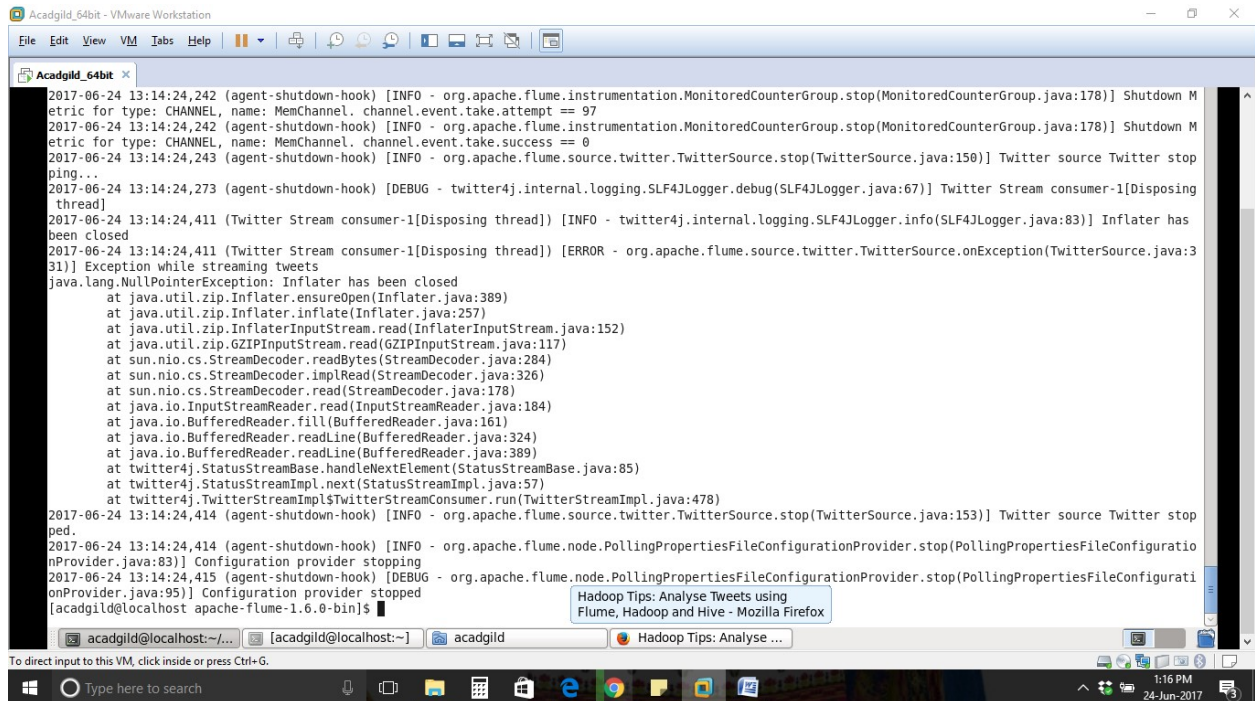
Listing contents of /user/flume/tweets


```
localhost: starting namenode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-aca
dgild-namenode-localhost.localdomain.out
localhost: starting datanode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-aca
dgild-datanode-localhost.localdomain.out
Starting secondary namenodes [0.0.0.0]
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop-2.6.0/logs/had
oop-acadgild-secondarynamenode-localhost.localdomain.out
17/06/24 12:37:16 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry for your platform... using builtin-java classes where applicable
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop-2.6.0/logs/yarn-acadgild-
resourcemanager-localhost.localdomain.out
localhost: starting nodemanager, logging to /usr/local/hadoop-2.6.0/logs/yarn-ac
adgild-nodemanager-localhost.localdomain.out
[acadgild@localhost ~]$ $HADOOP_HOME/sbin/mr-jobhistory-daemon.sh --config $HADO
OP_HOME/etc/hadoop start historyserver
starting historyserver, logging to /usr/local/hadoop-2.6.0/logs/mapred-acadgild-
historyserver-localhost.localdomain.out
[acadgild@localhost ~]$ jps
3408 ResourceManager
3857 JobHistoryServer
3923 Jps
3511 NodeManager
2970 NameNode
3259 SecondaryNameNode
3070 DataNode
[acadgild@localhost ~]$ hdfs dfs -ls \user\flume\tweets
17/06/24 13:16:18 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
ls: `userflumetweets': No such file or directory
[acadgild@localhost ~]$ hdfs dfs -ls /user/flume/tweets
17/06/24 13:16:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r--   1 acadgild supergroup    1333938 2017-06-24 13:14 /user/flume/tweets/FlumeData.1498290112889.tmp
-rw-r--r--   1 acadgild supergroup          0 2017-06-24 13:13 /user/flume/tweets/FlumeData.1498290112890
[acadgild@localhost ~]$
```

Contents of file in which the Twitter Data is collected

rl friend Wiki salary networth https://t.co/XdHrtsP9hh https://t.co/LnHYeAIgpD a href="http://publicize.wp.com/" rel="nofollow">WordPress.comhttps://pbs.twimg.com/media/DDEgzl9UAAEdbwE.jpghttps://twitter.com/celebrityminib1/status/878519475242512384/photo/1$878519475259273216

New York, NYVFollow Us To Make Right Choices On Shopping Shopping Adviserwebsmenu(2017-06-24T13:15:39ZLG LT0816CER 8,000 BTU Through-The-Wall Air Conditioner https://t.co/ttvGSfHFpV https://t.co/VKwKRUcyHua href="http://publicize.wp.com/" rel="nofollow">WordPress.comhttps://pbs.twimg.com/media/DDEgzmeWAAA0yWX.jpg|https://twitter.com/websmenu/status/878519475259273216/photo/1$878519475259277312

Rohaan RajpootRohaan(2017-06-24T13:15:39ZWhen someone ask me how's your love life.

Me: https://t.co/TqqgiJzzeia href="http://twitter.com/download/android" rel="nofollow">Twitter for Androidhttps://pbs.twimg.com/media/DDEgyllXcAEkwD_.jpghttps://twitter.com/RajpootRohaan/status/878519475259277312/photo/1$878519479470182400Passive aggressive; a series of bipolar tweets w out a doubt made my me; non-filtered thoughtsViannieMspacempr(2017-06-24T13:15:40ZGGgHhH Can't gET ENOUGH OF ICED COFFEES AND FRAPPES PLEASE LIBRE ME AND I'Ll LoVE YOU FOREVERa href="http://twitter.com/download/iphone" rel="nofollow">Twitter for iPhone$878519479436693507N？？アリッッに登場する鏡の非公式半自動botです。フォロー、リプ返しは手動で行いますカーミーmirror_kagami(2017-06-24T13:15:40Zfうるさいなあ、君もう寝るんでしょ？twittbot.net878519479470129153

学院 ▼高校3年 ／セルフセット投稿しまーす。～笑顔は苦手で下手くそです』『可愛いは正義』※編見『強欲.色欲』インスタフォローしてねんかすき14_kazuki(2017-06-24T13:15:40Zすぎたa href="http://twitter.com/download/iphone" rel="nofollow">Twitter for iPhone878519479457554432

日本はじめまして。地味につぶやきはじめました。温泉とお茶とガンダムを嗜む日々。ングtengugundam(2017-06-24T13:15:40ZRT @amochoco: こういう遊びがしたくてジオクレイパーを幾つかつまんでみた。 https://t.co/quZVg7Eyepa href="http://twitter.com/download/iphone" rel="nofollow">Twitter for iPhonehttps://pbs.twimg.com/media/DDAmvIDUAAAw_kk.jpg|https://twitter.com/amochoco/status/878244522211160066/photo/1$878519479445078016N常に推しの天ちゃんの横に…東宮天ちゃん基本推し/アニメも好きだよ横浜参戦！trysail好きに壁なんてないミロングはいいぞJひろはホッケ大好き人間iro0312kazu(2017-06-24T13:15:40ZRT @tyorotto777: あれ？染岡さん！？ｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗｗ https://t.co/K6mCuWMR0Ja href="http://twitter.com/download/iphone" rel="nofollow">Twitter for iPhonehttps://pbs.twimg.com/media/DCHXccVUwAEU0_Y.jpghttps://twitter.com/tyorotto777/status/874216694859710464/photo/1Ct878519479461871616sindh, Pakistan*student Muet Jamshoroji RASHID RASHID12CS89(2017-06-24T13:15:40ZRT @KhurramBhatti01: مین قلجل کو یهی دیکهیگن یهب کی اک یمیک هت بوت بوہم هیلدم یلگ اعلم یک بناج سے بناتق JIT یک باار میس a href="http://twitter.com/download/android" rel="nofollow">Twitter for Android878519479449272320P日本 東京形式に拘らず、文章で誰かを楽しませたいなぁとか色々考えているうちにオッサンになっちゃいましたよ。時の流れとは無情なものです狐々north_foxes(2017-06-24T13:15:40ZRT @itallinc: 見ざる

聞かざる

言わざる https://t.co/6EfG042MRsa href="http://twitter.com/download/iphone" rel="nofollow">Twitter for iPhonehttps://pbs.twimg.com/media/C7HAFxcVsAAWPY0.jpg|https://twitter.com/itallinc/status/842665899014340608/photo/1Ct
[acadgild@localhost ~]$