

Running SparkWordCount Job on Command Line (Linux Terminal Window)

```
[cloudera@quickstart target]$ spark-submit \  
> --master spark://quickstart.cloudera:6066 \  
> --deploy-mode cluster \  
> --class wordcount.SparkWordCount \  
> practice_2-1.0.0-SNAPSHOT.jar \  
> /user/cloudera/shakespeare/tragedies/* /user/cloudera/practice2_sparkout
```

Running Spark using the REST application submission protocol.

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/usr/lib/zookeeper/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/usr/lib/flume-ng/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

16/11/02 00:19:10 INFO rest.RestSubmissionClient: Submitting a request to launch an application in spark://quickstart.cloudera:6066.

16/11/02 00:19:22 INFO rest.RestSubmissionClient: Submission successfully created as driver-20161102001920-0000. Polling submission state...

16/11/02 00:19:22 INFO rest.RestSubmissionClient: Submitting a request for the status of submission driver-20161102001920-0000 in spark://quickstart.cloudera:6066.

16/11/02 00:19:22 INFO rest.RestSubmissionClient: State of driver driver-20161102001920-0000 is now RUNNING.

16/11/02 00:19:22 INFO rest.RestSubmissionClient: Driver is running on worker worker-20161101105453-10.0.2.15-7078 at 10.0.2.15:7078.

16/11/02 00:19:22 INFO rest.RestSubmissionClient: Server responded with CreateSubmissionResponse:

```
{  
  "action" : "CreateSubmissionResponse",  
  "message" : "Driver successfully submitted as driver-20161102001920-0000",  
  "serverSparkVersion" : "1.6.0",  
  "submissionId" : "driver-20161102001920-0000",
```

```
"success" : true
```

```
}
```

```
[cloudera@quickstart target]$
```