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admin1@admin1:~$ mkdir bm
admin1@admin1:~$ cd bm
admin1@admin1:~/bm$ mkdir words
admin1@admin1:~/bm$ javac -classpath hadoop-core-1.2.1.jar words/WordCount.java
admin1@admin1:~/bm$ jar -cvf words.jar -C words/ .
added manifest
adding: WordCount$Reduce.class(in = 1627) (out= 685)(deflated 57%)
adding: WordCount.class(in = 1443) (out= 730)(deflated 49%)
adding: WordCount.java(in = 2055) (out= 657)(deflated 68%)
adding: WordCount$Map.class(in = 1855) (out= 780)(deflated 57%)
admin1@admin1:~/bm$ cd $HADOOP_HOME/sbin
admin1@admin1:~/hadoop-2.7.3/sbin$ ./start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
admin1@localhost's password:
localhost: namenode running as process 6699. Stop it first.
admin1@localhost's password:
localhost: datanode running as process 6893. Stop it first.
Starting secondary namenodes [0.0.0.0]
admin1@0.0.0.0's password:
0.0.0.0: secondarynamenode running as process 7137. Stop it first.
starting yarn daemons
resourcemanager running as process 7318. Stop it first.
admin1@localhost's password:
localhost: nodemanager running as process 7674. Stop it first.
admin1@admin1:~/hadoop-2.7.3/sbin$ hadoop fs -mkdir /input
mkdir: `/input': File exists
admin1@admin1:~/hadoop-2.7.3/sbin$ cd ..
admin1@admin1:~/hadoop-2.7.3$ hadoop fs -put fruits.txt /input
put: `fruits.txt': No such file or directory
admin1@admin1:~/hadoop-2.7.3$ cd ..
admin1@admin1:~$ hadoop fs -put fruits.txt /input
put: `/input/fruits.txt': File exists
admin1@admin1:~$ hadoop jar words.jar WordCount /input /output
22/03/29 09:11:04 INFO Configuration.deprecation: session.id is deprecated. Instead, use
dfs.metrics.session-id
22/03/29 09:11:04 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker,
sessionId=
Exception in thread "main" org.apache.hadoop.mapred.FileAlreadyExistsException: Output
directory hdfs://localhost:9000/output already exists
    at
    org.apache.hadoop.mapreduce.lib.output.FileOutputFormat.checkOutputSpecs(FileOutputFormat.ja
va:146)
        at org.apache.hadoop.mapreduce.JobSubmitter.checkSpecs(JobSubmitter.java:266)
        at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:139)
        at org.apache.hadoop.mapreduce.Job$10.run(Job.java:1290)
        at org.apache.hadoop.mapreduce.Job$10.run(Job.java:1287)
        at java.security.AccessController.doPrivileged(Native Method)
        at javax.security.auth.Subject.doAs(Subject.java:422)
        at
    org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1698)
        at org.apache.hadoop.mapreduce.Job.submit(Job.java:1287)

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at org.apache.hadoop.mapreduce.Job.waitForCompletion(Job.java:1308)
at WordCount.main(WordCount.java:59)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.util.RunJar.run(RunJar.java:221)
at org.apache.hadoop.util.RunJar.main(RunJar.java:136)
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admin1@admin1:~\$ hadoop fs -ls /output

Found 2 items

```
-rw-r--r--  1 admin1 supergroup      0 2019-10-31 14:28 /output/_SUCCESS
-rw-r--r--  1 admin1 supergroup    87 2019-10-31 14:28 /output/part-r-00000
```

admin1@admin1:~\$ hadoop fs -cat /output/part-r-00000

```
apple  4
banana 2
grapes 3
mango  2
orange 2
pineapple  1
plum  2
pomgranate 1
raspberry 2
```