

HDFS COMMANDS

```
hadoop@hadoop-VirtualBox:~$ su - hdoop
```

Password:

```
hadoop@hadoop-VirtualBox:~$ pwd
```

```
/home/hdoop
```

```
hadoop@hadoop-VirtualBox:~$ cd hadoop-3.2.1/sbin
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ ./start-all.sh
```

WARNING: Attempting to start all Apache Hadoop daemons as hdoop in 10 seconds.

WARNING: This is not a recommended production deployment configuration.

WARNING: Use CTRL-C to abort.

Starting namenodes on [localhost]

Starting datanodes

Starting secondary namenodes [hadoop-VirtualBox]

2021-07-09 19:51:24,694 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Starting resourcemanager

Starting nodemanagers

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ jps
```

2977 SecondaryNameNode

2658 NameNode

3671 Jps

2791 DataNode

3181 ResourceManager

3310 NodeManager

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -mkdir fold1
```

```
2021-07-09 19:56:11,997 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
mkdir: `hdfs://127.0.0.1:9000/user/hadoop': No such file or directory
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls
```

```
2021-07-09 19:56:23,262 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
ls: `.': No such file or directory
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -mkdir -p /fold1/hadoop
```

```
2021-07-09 19:59:04,113 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls /fold1
```

```
2021-07-09 19:59:24,188 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
Found 1 items
```

```
drwxr-xr-x - hadoop supergroup      0 2021-07-09 19:59 /fold1/hadoop
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls
```

```
2021-07-09 20:00:17,443 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
ls: `.': No such file or directory
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -mkdir -p /user/hadoop
```

```
2021-07-09 20:06:54,365 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls /user
```

2021-07-09 20:07:21,929 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 1 items

drwxr-xr-x - hadoop supergroup 0 2021-07-09 20:06 /user/hadoop

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls

2021-07-09 20:07:46,317 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -mkdir -p /user/hadoop/fold1

2021-07-09 20:08:38,842 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls

2021-07-09 20:08:54,820 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 1 items

drwxr-xr-x - hadoop supergroup 0 2021-07-09 20:08 fold1

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -mkdir fold2

2021-07-09 20:09:57,913 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls

2021-07-09 20:10:04,143 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 2 items

drwxr-xr-x - hadoop supergroup 0 2021-07-09 20:08 fold1

drwxr-xr-x - hadoop supergroup 0 2021-07-09 20:09 fold2

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold2

2021-07-09 22:00:26,327 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -mkdir fold3

2021-07-09 22:01:32,471 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -mv fold3 fold2/

2021-07-09 22:02:13,365 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold2

2021-07-09 22:02:28,051 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 1 items

```
drwxr-xr-x  - hadoop supergroup      0 2021-07-09 22:01 fold2/fold3
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -touchz fold2/empty1.txt
```

```
2021-07-09 22:08:45,504 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -touchz fold2/empty2.txt
```

```
2021-07-09 22:09:01,355 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls fold2/
```

```
2021-07-09 22:09:24,734 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

Found 3 items

```
drwxr-xr-x  - hadoop supergroup      0 2021-07-09 22:01 fold2/fold3
```

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:08 fold2/empty1.txt
```

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:09 fold2 /empty2.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -copyFromLocal  
/home/file.txt fold2/fold3/file.txt
```

```
2021-07-09 22:11:51,595 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
2021-07-09 22:11:54,183 INFO sasl.SaslDataTransferClient: SASL encryption trust check:  
localhostTrusted = false, remoteHostTrusted = false
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls fold2/
```

```
2021-07-09 22:12:07,421 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

Found 3 items

```
drwxr-xr-x  - hadoop supergroup      0 2021-07-09 22:11 fold2/fold3
```

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:08 fold2 /empty1.txt
```

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:09 fold2/empty2.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls fold2/fold3
```

```
2021-07-09 22:12:23,883 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

Found 1 items

```
-rw-r--r--  1 hadoop supergroup     45 2021-07-09 22:11 fold2/fold3/file.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -cat  fold2/fold3/file.txt
```

```
2021-07-09 22:13:14,926 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
2021-07-09 22:13:17,243 INFO sasl.SaslDataTransferClient: SASL encryption trust check:
localhostTrusted = false, remoteHostTrusted = false
```

Syntax to list ls command is `hadoop fs -ls`

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -touchz empty.txt
```

```
2021-07-09 22:15:47,460 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -copyToLocal empty.txt
```

```
2021-07-09 22:16:11,141 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ ls
```

```
distribute-exclude.sh  refresh-namenodes.sh  stop-all.sh
```

```
empty.txt              start-all.cmd         stop-balancer.sh
```

```
FederationStateStore  start-all.sh      stop-dfs.cmd
hadoop-daemon.sh      start-balancer.sh  stop-dfs.sh
hadoop-daemons.sh    start-dfs.cmd      stop-secure-dns.sh
httpfs.sh             start-dfs.sh       stop-yarn.cmd
kms.sh               start-secure-dns.sh stop-yarn.sh
mr-jobhistory-daemon.sh start-yarn.cmd     workers.sh
prg1.c               start-yarn.sh      yarn-daemon.sh
prg2.c               stop-all.cmd       yarn-daemons.sh
```

```
hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -ls
```

```
2021-07-09 22:16:37,752 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
Found 3 items
```

```
-rw-r--r--  1 hdoop supergroup      0 2021-07-09 22:15 empty.txt
drwxr-xr-x  - hdoop supergroup      0 2021-07-09 20:08 fold1
drwxr-xr-x  - hdoop supergroup      0 2021-07-09 22:09 fold2
```

```
hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$
```

```
hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -moveFromLocal
moving_file.txt moving_file.txt
```

```
2021-07-09 22:18:49,595 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
moveFromLocal: `moving_file.txt': No such file or directory
```

```
hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -touchz moving_file.txt
```

```
2021-07-09 22:22:36,836 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
```

```
hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -moveFromLocal
moving_file.txt moving_file.txt
```

2021-07-09 22:22:45,746 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

moveFromLocal: `moving_file.txt': File exists

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls

2021-07-1001:03:43,663 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 4 items

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:15 empty.txt
drwxr-xr-x  - hadoop supergroup      0 2021-07-09 20:08 fold1
drwxr-xr-x  - hadoop supergroup      0 2021-07-09 22:09 fold2
-rw-r--r--  1 hadoop supergroup      0 2021-07-09 22:22 moving_file.txt
```

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -cp fold2/empty1.txt fold1/empty1.txt

2021-07-1001:05:37,527 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold1/

2021-07-1001:05:57,918 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 1 items

```
-rw-r--r--  1 hadoop supergroup      0 2021-07-1001:05 fold1/empty1.txt
```

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -du -s fold2/

2021-07-1001:07:06,948 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

45 45 fold2


```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -du -s fold2/empty1/txt
```

```
2021-07-1001:07:36,914 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
du: `fold2/empty1/txt': No such file or directory
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -du -s fold2/empty1.txt
```

```
2021-07-1001:07:49,131 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
0 0 fold2/empty1.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -du -s fold2/empty2.txt
```

```
2021-07-1001:07:59,487 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
0 0 fold2/empty2.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -du -s fold2/fold3
```

```
2021-07-1001:08:42,543 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
45 45 fold2/fold3
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -du fold2/fold3
```

```
2021-07-1001:09:42,727 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
45 45 fold2/fold3/file.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -stat fold2/fold3
```

```
2021-07-1001:10:02,772 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
2021-07-09 16:41:55
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -stat fold2
```

2021-07-1001:10:14,694 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

2021-07-09 16:39:03

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -mv empty.txt
fold1/tryappend.txt

2021-07-1001:16:08,232 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -cat fold1/tryappend.txt

2021-07-1001:16:46,616 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -appendToFile file.txt
fold1/tryappend.txt

2021-07-1001:18:22,323 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

appendToFile: /home/hadoop/hadoop-3.2.1/sbin/file.txt (No such file or directory)

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls

2021-07-1001:19:00,190 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 3 items

drwxr-xr-x - hadoop supergroup 0 2021-07-1001:16 fold1

drwxr-xr-x - hadoop supergroup 0 2021-07-09 22:09 fold2

-rw-r--r-- 1 hadoop supergroup 0 2021-07-09 22:22 moving_file.txt

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold1

2021-07-1001:19:27,489 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 hadoop supergroup 0 2021-07-1001:05 fold1/empty1.txt

-rw-r--r-- 1 hadoop supergroup 0 2021-07-1001:18 fold1/tryappend.txt

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -appendToFile
fold2/fold3/file.txt fold1/tryappend.txt

2021-07-1001:22:45,774 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable

appendToFile: /home/hadoop/hadoop-3.2.1/sbin/fold2/fold3/file.txt (No such file or
directory)

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold2/fold3

2021-07-1001:23:18,975 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable

Found 1 items

-rw-r--r-- 1 hadoop supergroup 45 2021-07-09 22:11 fold2/fold3/file.txt

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -appendToFile
fold2/fold3/file.txt fold1/tryappend.txt

2021-07-1001:24:41,250 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable

appendToFile: /home/hadoop/hadoop-3.2.1/sbin/fold2/fold3/file.txt (No such file or
directory)

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -appendToFile file.txt
fold1/tryappend.txt

2021-07-1001:26:14,460 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable

appendToFile: /home/hadoop/hadoop-3.2.1/sbin/file.txt (No such file or directory)

hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$ hadoop fs -ls fold1

2021-07-1023:44:05,496 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 hadoop supergroup 0 2021-07-1001:05 fold1/empty1.txt

```
-rw-r--r-- 1 hadoop supergroup    0 2021-07-1023:43 fold1/tryappend.txt
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ ls
```

```
distribute-exclude.sh  start-all.cmd    stop-dfs.cmd
```

```
empty.txt             start-all.sh     stop-dfs.sh
```

```
FederationStateStore  start-balancer.sh stop-secure-dns.sh
```

```
hadoop-daemon.sh      start-dfs.cmd     stop-yarn.cmd
```

```
hadoop-daemons.sh    start-dfs.sh      stop-yarn.sh
```

```
httpfs.sh             start-secure-dns.sh tryappend.txt
```

```
kms.sh                start-yarn.cmd    workers.sh
```

```
mr-jobhistory-daemon.sh start-yarn.sh     yarn-daemon.sh
```

```
prg1.c                stop-all.cmd     yarn-daemons.sh
```

```
prg2.c                stop-all.sh
```

```
refresh-namenodes.sh  stop-balancer.sh
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ vi prg2.c
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -appendToFile prg2.c  
fold1/tryappend.txt
```

```
2021-07-1023:44:43,176 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
2021-07-1023:44:44,489 INFO sasl.SaslDataTransferClient: SASL encryption trust check:  
localhostTrusted = false, remoteHostTrusted = false
```

```
hadoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin$ hadoop fs -cat fold1/tryappend.txt
```

```
2021-07-1023:44:54,103 WARN util.NativeCodeLoader: Unable to load native-hadoop  
library for your platform... using builtin-java classes where applicable
```

```
2021-07-1023:44:55,411 INFO sasl.SaslDataTransferClient: SASL encryption trust check:  
localhostTrusted = false, remoteHostTrusted = false
```

This is append

hdoop@hadoop-VirtualBox:~/hadoop-3.2.1/sbin\$