1 List all Directories in root

dev@dev-VirtualBox:~$ hdfs dfs -ls /

Found 1 items

drwxr-xr-x - dev supergroup 0 2021-03-11 10:51 /test

2 -put

dev@dev-VirtualBox:~$ cd files

dev@dev-VirtualBox:~/files$ ls

sample.txt

dev@dev-VirtualBox:~/files$ hdfs dfs -put ./sample.txt /test

dev@dev-VirtualBox:~$ hdfs dfs -ls /test

Found 2 items

-rw-r--r-- 1 dev supergroup 0 2021-03-11 10:51 /test/myfile.txt

-rw-r--r-- 1 dev supergroup 44 2021-03-11 18:21 /test/sample.txt

3 -cat

dev@dev-VirtualBox:~$ hdfs dfs -cat /test/sample.txt

hello

good evening

q

exit

hello again

5 -get

dev@dev-VirtualBox:~$ hdfs dfs -ls /

Found 1 items

drwxr-xr-x - dev supergroup 0 2021-03-11 18:21 /test

dev@dev-VirtualBox:~$ hdfs dfs -get /test/myfile.txt ~/files

dev@dev-VirtualBox:~$ cd files

dev@dev-VirtualBox:~/files$ ls -ltr

total 4

-rw-rw-r-- 1 dev dev 44 Mar 11 18:17 sample.txt

-rw-r--r-- 1 dev dev 0 Mar 11 21:10 myfile.txt

6 touchz -- creates an empty file

dev@dev-VirtualBox:~$ hdfs dfs -touchz /test/foo.txt

dev@dev-VirtualBox:~$ hdfs dfs -ls /test/foo.txt

-rw-r--r-- 1 dev supergroup 0 2021-03-12 08:08 /test/foo.txt

7 mkdir

dev@dev-VirtualBox:~$ hdfs dfs -mkdir /test2

dev@dev-VirtualBox:~$ hdfs dfs -ls /

Found 2 items

drwxr-xr-x - dev supergroup 0 2021-03-12 08:08 /test

drwxr-xr-x - dev supergroup 0 2021-03-12 08:30 /test2

8 –cp

dev@dev-VirtualBox:~$ hdfs dfs -cp /test/sample.txt /test2

dev@dev-VirtualBox:~$ hdfs dfs -ls /test2

Found 1 items

-rw-r--r-- 1 dev supergroup 44 2021-03-12 08:47 /test2/sample.txt

9 –mv

dev@dev-VirtualBox:~$ hdfs dfs -mv /test/myfile.txt /test2

dev@dev-VirtualBox:~$ hdfs dfs -ls /test2

Found 2 items

-rw-r--r-- 1 dev supergroup 0 2021-03-11 10:51 /test2/myfile.txt

-rw-r--r-- 1 dev supergroup 44 2021-03-12 08:47 /test2/sample.txt

10 –du

dev@dev-VirtualBox:~$ hdfs dfs -du /test2

0 /test2/myfile.txt

44 /test2/sample.txt

11 –dus

dev@dev-VirtualBox:~$ hdfs dfs -dus /test2

dus: DEPRECATED: Please use 'du -s' instead.

44 /test2

12 –stat

dev@dev-VirtualBox:~$ hdfs dfs -stat /test2

2021-03-12 08:49:38

13 –setrep

dev@dev-VirtualBox:~$ hdfs dfs -setrep -R 4 /test

Replication 4 set: /test/foo.txt

Replication 4 set: /test/sample.txt

14 –tail

dev@dev-VirtualBox:~$ hdfs dfs -tail /test/sample.txt

hello

good evening

q

exit

hello again

15 –checksum

dev@dev-VirtualBox:~$ hdfs dfs -checksum /test/sample.txt

/test/sample.txt MD5-of-0MD5-of-512CRC32C 00000200000000000000000088743428a4a676e9932117e83ae85198

16 –count

dev@dev-VirtualBox:~$ hdfs dfs -count -v /

DIR\_COUNT FILE\_COUNT CONTENT\_SIZE PATHNAME

4 5 88 /

17 –getmerge

dev@dev-VirtualBox:~/files$ ls

myfile.txt sample.txt

dev@dev-VirtualBox:~/files$ cat myfile.txt

welcome

dev@dev-VirtualBox:~$ hdfs dfs -getmerge /test ~/files/myfile.txt

dev@dev-VirtualBox:~$ cd files

dev@dev-VirtualBox:~/files$ cat myfile.txt

hello

good evening

q

exit

hello again