Basic Commands

Mkdir

Touchz

Copyfromlocal

Copytolocal

Cat

Movefromlocal

rmr

Cp

Mv

Du

1 **mkdir – Make Directory**

HDFS mkdir command is used to create a directory in HDFS. By default, this directory would be owned by the user who is creating it. By specifying “/” at the beginning it creates a folder at root directory.

$hadoop fs -mkdir /directory-name

or

$hdfs dfs -mkdir /directory-name

2. **touchz – Create a File of zero Length**

Create a new file on HDFS with size 0 bytes. create a file of zero length, an error is returned if the file exists with non-zero length.

$ hadoop fs -touchz /hdfs-file-path

or

$ hdfs dfs -touchz /hdfs-file-path

3. **copyFromLocal – Copy File from Local file System**

Copying file from a local file to HDFS file system. Similar to the fs -put command and copyFromLocal command both are Store files from local disk to HDFS. Except that the source is restricted to a local file reference.

$ hadoop fs -copyToLocal /hdfs-file-path /local-file-path

or

$ hdfs dfs -copyToLocal /hdfs-file-path /local-file-path

4. **copyToLocal – Copy Files from HDFS to Local file System**

Copying files from HDFS file to local file system. Similar to the fs -get command and copyToLocal command both are Store files from hdfs to local files. Except that the destination is restricted to a local file reference.

$ hadoop fs -copyToLocal /hdfs-file-path /local-file-path

or

$ hdfs dfs -copyToLocal /hdfs-file-path /local-file-path

5. **cat – Displays the Content of the File**

The cat command reads the specified file from HDFS and displays the content of the file on console or stdout.

$ hadoop fs -cat /hdfs-file-path

or

$ hdfs dfs -cat /hdfs-file-path

6. **moveFromLocal – Move file / Folder from Local disk to HDFS**

Similar to the put command, moveFromLocal moves the file or source from the local file path to the destination in the HDFS file path. After this command, you will not find the file on the local file system.

$ hadoop fs -moveFromLocal /local-file-path /hdfs-file-path

or

$ hdfs dfs -moveFromLocal /local-file-path /hdfs-file-path

7. **Cp – Copy Files from Source to Destination**

Copy File-one location to another location in HDFS. Copy files from source to destination, Copy command allows multiple sources as well in which case the destination must be a directory.

$ hadoop fs -cp /local-file-path /hdfs-file-path

or

$ hdfs dfs -cp /local-file-path /hdfs-file-path

8. **mv – Moves Files from Source to Destination**

MV (move) command is used to move files from one location to another location in HDFS. Move command allows multiple sources as well in which case the destination needs to be a director.

$ hadoop fs -mv /local-file-path /hdfs-file-path

or

$ hdfs dfs -mv /local-file-path /hdfs-file-path

9. **rmr – Remove Directory Recursively**

Rmr command is used to deletes a file from Directory recursively, it is a very useful command when you want to delete a non-empty directory.

$hadoop fs -rmr /directory-name

or

$hdfs dfs -rmr /directory-name

10. **du – File Occupied in Disk**

Du command is used to How much file Occupied in the disk. The field is the base size of the file or directory before replication.

$ hadoop fs -du /hdfs-file-path

or

$ hdfs dfs -du /hdfs-file-path