HDFS Commands

* **fsck**

HDFS Command to check the health of the Hadoop file system.

***Command:*** **hdfs fsck /**

## ****ls****

HDFS Command to display the list of Files and Directories in HDFS.

**Command:** **hdfs dfs** **–ls /**

## ****mkdir****

HDFS Command to create the directory in HDFS.

***Usage:*** **hdfs dfs –mkdir /directory\_name**

***Command:*** **hdfs dfs –mkdir /Store**

## ****touchz****

HDFS Command to create a file in HDFS with file size 0 bytes.

***Usage:*** **hdfs dfs –touchz /directory/filename**

***Command:*** **hdfs dfs –touchz / Store/sample**

## ****du****

HDFS Command to check the file size.

***Usage:*** **hdfs dfs –du –s /directory/filename**

***Command:*** **hdfs dfs –du –s / Store/sample**

## ****put****

HDFS Command to copy single source or multiple sources from local file system to the destination file system.

***Usage:*hdfs dfs -put <localsrc> <destination>**

***Command:*** **hdfs dfs –put /home/edureka/test /user**

* **copyFromLocal**

HDFS Command to copy the file from a Local file system to HDFS.

***Usage:*** **hdfs fs -copyFromLocal <localsrc> <hdfs destination>**

***Command:*** **hadoop fs -copyFromLocal C:\input\_file.txt /WordCountTutorial**

* **copyToLocal**

HDFS Command to copy the file from HDFS to Local File System.

***Usage:*** **hdfs dfs -copyToLocal <hdfs source> <localdst>**

***Command:*hdfs dfs –copyToLocal /new\_edureka/test /home/edureka**

## ****cat****

HDFS Command that reads a file on HDFS and prints the content of that file to the standard output.

***Usage:*hdfs dfs –cat /path/to/file\_in\_hdfs**

***Command:*** **hdfs dfs –cat / Store/test**

## ****get****

HDFS Command to copy files from hdfs to the local file system.

***Usage:*** **hdfs dfs -get <src> <localdst>**

***Command:*** **hdfs dfs –get /user/test /home/edureka**

## ****count****

HDFS Command to count the number of directories, files, and bytes under the paths that match the specified file pattern.

***Usage:* hdfs dfs -count <path>**

***Command:*** **hdfs dfs –count /user**

## ****rm****

HDFS Command to remove the file from HDFS.

***Usage:*** **hdfs dfs –rm <path>**

***Command:***  **hdfs dfs –rm /Store/test**

## ****rm -r****

HDFS Command to remove the entire directory and all of its content from HDFS.

***Usage:* hdfs dfs -rm -r <path>**

***Command:*** **hdfs dfs -rm -r  /Store**

## ****cp****

HDFS Command to copy files from source to destination. This command allows multiple sources as well, in which case the destination must be a directory.

***Usage:*** **hdfs dfs -cp <src> <dest>**

***Command:*** **hdfs dfs -cp /user/hadoop/file1 /user/hadoop/file2**

***Command:*** **hdfs dfs -cp /user/hadoop/file1 /user/hadoop/file2 /user/hadoop/dir**

## ****mv****

HDFS Command to move files from source to destination. This command allows multiple sources as well, in which case the destination needs to be a directory.

***Usage:***  **hdfs dfs -mv <src> <dest>**

***Command:*** **hdfs dfs -mv /user/hadoop/file1 /user/hadoop/file2**

## ****expunge****

HDFS Command that makes the trash empty.

**Command:** **hdfs dfs -expunge**

## ****rmdir****

HDFS Command to remove the directory.

***Usage:*** **hdfs dfs -rmdir <path>**

***Command:*** **hdfs dfs –rmdir /user/hadoop**

## ****usage****

HDFS Command that returns the help for an individual command.

***Usage:*** **hdfs dfs -usage <command>**

***Command:*** **hdfs dfs -usage mkdir**

## ****help****

HDFS Command that displays help for given command or all commands if none is specified.

***Command:*** **hdfs dfs -help**