HDFS COMMANDS

This document will help you understand the hadoop commands, using which you can perform different operations on Hdfs.

Eg: hdfs fsck /

Similarly you will be using all the commands that are listed below.

Hadoop

fsck -/

Runs a DFS file system checking utility

balancer

Runs a cluster balancing utility

Version

Print the Hadoop version

THAT'S ALL FOLKS..!!!!

hadoop fs:-

-ls hdfs:/   Listing of hdfs

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -ls hdfs:/
```

-count hdfs :/

Count the number of directories, files and bytes under the paths and match the specified file pattern

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -count hdfs:/
```

-cat <src>

Viewing files in hdfs

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -cat hdfs:/file
```

-rm <path>

Deleting a file from hdfs

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -rm hdfs:/student
Deleted hdfs://localhost/student
```

THAT'S ALL FOLKS..!!!!

-put <locatsrc> ... <dst>

Putting the file from local to hdfs

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop dfs -put /home/cloudera/file1 hdfs:/
```

-copyFromLocal <localsrc> ... <dst>

Copying the file from local to hdfs

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop dfs -copyFromLocal /home/cloudera/file2 hdfs:/
```

-mv <src> <dst>

Moving a file from location to other

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -mv hdfs:/file hdfs:/dest_dir
```

-cp <src> <dst>

Copying a file from source to destination

```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop fs -cp hdfs:/file hdfs:/dest_dir
```

THAT'S ALL FOLKS..!!!!

-copyToLocal [-ignoreCrc] [-crc]<src>

copying the files from hdfs to local


```
cloudera@cloudera-vm: ~
File  Edit  View  Search  Terminal  Help
cloudera@cloudera-vm:~$ hadoop dfs -copyToLocal /file2 /home/cloudera/Desktop
```

THAT'S ALL FOLKS..!!!!