

## Hadoop Basic Commands

### 1. mkdir

`hdfs dfs -mkdir /prema`

```
hduser@bmsce-Precision-T1700:/home/bmsce$ cd ~/Desktop
hduser@bmsce-Precision-T1700:~/Desktop$ vi first.txt
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -mkdir prema
mkdir: `prema': No such file or directory
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -mkdir /prema
mkdir: `/prema': File exists
hduser@bmsce-Precision-T1700:~/Desktop$ ls
```

### 2. ls

`hdfs dfs -ls /prema`

```
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -ls /prema
Found 3 items
-rw-r--r--  1 hduser supergroup      14 2022-05-31 10:05 /prema/firstHadoop.txt
-rw-r--r--  1 hduser supergroup       0 2022-05-31 10:07 /prema/second.txt
-rw-r--r--  1 hduser supergroup      21 2022-05-31 10:12 /prema/thirdHadoop.txt
hduser@bmsce-Precision-T1700:~/Desktop$
```

### 3. put

`hdfs dfs -put ~/Desktop/first.txt /prema/firstHadoop.txt`

```
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -put ~/Desktop/first.txt /prema/firstHadoop.txt
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -ls /prema
Found 1 items
-rw-r--r--  1 hduser supergroup      14 2022-05-31 10:05 /prema/firstHadoop.txt
```

### 4. copyFromLocal

`hdfs dfs -copyFromLocal ~/Desktop/third.txt /prema/thirdHadoop.txt`

```
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -copyFromLocal ~/Desktop/third.txt /prema/thirdHadoop.txt
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -cat /prema/thirdHadoop.txt
using copyfromlocal
hduser@bmsce-Precision-T1700:~/Desktop$
```

### 5. get

`mkdir new`

```
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -get
/prema/firstHadoop.txt ~/Desktop/new/getFirst.txt
hduser@bmsce-Precision-T1700:~/Desktop$ ls new
getFirst.txt
```

### 6. copyToLocal

`hdfs dfs -copyToLocal /prema/second.txt ~/Desktop/new/getSECOND.txt`

```
hduser@bmsce-Precision-T1700:~/Desktop$ ls new
getFirst.txt  getSECOND.txt
```

```
7.cat
hdfs dfs -cat /prema/firstHadoop.txt
bcd efgh ijkl
```

```
8. mv
hdfs dfs -mv /prema /premasinganal
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -ls /premasinganal
Found 3 items
-rw-r--r--    1 hduser supergroup          14 2022-05-31 10:05
/premasinganal/firstHadoop.txt
-rw-r--r--    1 hduser supergroup           0 2022-05-31 10:07
/premasinganal/second.txt
-rw-r--r--    1 hduser supergroup          21 2022-05-31 10:12
/premasinganal/thirdHadoop.txt
hduser@bmsce-Precision-T1700:~/Desktop$ hdfs dfs -cp
/premasinganal/firstHadoop.txt /prema
```

```
9.cp
hdfs dfs -ls /prema
-rw-r--r--    1 hduser supergroup          14 2022-05-31 10:53 /prema
```