

```
[cloudera@quickstart Desktop]$ hdfs dfs -ls /
```

```
Found 7 items
```

```
drwxrwxrwx - hdfs      supergroup      0 2017-10-23 09:15 /benchmarks
drwxr-xr-x - cloudera  supergroup      0 2024-07-25 22:20 /e1
drwxr-xr-x - hbase    supergroup      0 2024-07-28 05:23 /hbase
drwxr-xr-x - solr     solr            0 2017-10-23 09:18 /solr
drwxrwxrwt - hdfs     supergroup      0 2024-07-22 07:25 /tmp
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /user
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /var
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -mkdir /exp1
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -ls /
```

```
Found 8 items
```

```
drwxrwxrwx - hdfs      supergroup      0 2017-10-23 09:15 /benchmarks
drwxr-xr-x - cloudera  supergroup      0 2024-07-25 22:20 /e1
drwxr-xr-x - cloudera  supergroup      0 2024-07-28 05:59 /exp1
drwxr-xr-x - hbase    supergroup      0 2024-07-28 05:23 /hbase
drwxr-xr-x - solr     solr            0 2017-10-23 09:18 /solr
drwxrwxrwt - hdfs     supergroup      0 2024-07-22 07:25 /tmp
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /user
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /var
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -touchz /exp1/file.txt
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -cat exp1/file.txt
```

```
cat: 'exp1/file.txt': No such file or directory
```

```
[cloudera@quickstart Desktop]$ echo " PRIYANSHU " | hadoop fs -put - /user/cloud
```

```
era/file.txt
```

```
[cloudera@quickstart Desktop]$ hadoop fs -cat /exp1/file.txt
```

```
[cloudera@quickstart Desktop]$ hadoop dfs -cat /exp1/file.txt
```

```
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.
```

```
[cloudera@quickstart Desktop]$ echo "Hello"
```

```
Hello
```

```
[cloudera@quickstart Desktop]$ echo $
```

```
$
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -rm /exp1/file.txt
```

```
Deleted /exp1/file.txt
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -rmdir /exp1
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -ls/
```

```
-ls/: Unknown command
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -ls /
```

```
Found 7 items
```

```
drwxrwxrwx - hdfs      supergroup      0 2017-10-23 09:15 /benchmarks
drwxr-xr-x - cloudera  supergroup      0 2024-07-25 22:20 /e1
drwxr-xr-x - hbase    supergroup      0 2024-07-28 05:23 /hbase
drwxr-xr-x - solr     solr            0 2017-10-23 09:18 /solr
drwxrwxrwt - hdfs     supergroup      0 2024-07-22 07:25 /tmp
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /user
drwxr-xr-x - hdfs     supergroup      0 2017-10-23 09:17 /var
```

```
[cloudera@quickstart Desktop]$ hadoop fs -mv e1.txt e1 /
```

```
mv: 'e1.txt': No such file or directory
```

```
mv: '/e1': File exists
```

```
[cloudera@quickstart Desktop]$ hadoop fs -mkdir /user/cloudera
```

```
mkdir: '/user/cloudera': File exists
```

```
[cloudera@quickstart Desktop]$ hadoop fs -movefromLocal /home/file2.txt/user/cloudera
```

```
-movefromLocal: Unknown command
```

```
[cloudera@quickstart Desktop]$ hadoop fs -moveFromLocal /home/cloudera/Desktop/file2.txt/user/cloudera
```

```
moveFromLocal: '/home/cloudera/Desktop/file2.txt/user/cloudera': No such file or directory
```

```
[cloudera@quickstart Desktop]$ hadoop fs -moveFromLocal file.txt cloudera/
```

```
moveFromLocal: 'cloudera/': No such file or directory
```

```
[cloudera@quickstart Desktop]$ hadoop fs -moveFromLocal file.txt e1/
```

```
[cloudera@quickstart Desktop]$ hadoop fs -put file2.txt e1/
```

```
[cloudera@quickstart Desktop]$
```

```
[cloudera@quickstart Desktop]$ hadoop fs -help
```

```
Usage: hadoop fs [generic options]
  [-appendToFile <localsrc> ... <dst>]
  [-cat [-ignoreCrc] <src> ...]
  [-checksum <src> ...]
  [-chgrp [-R] GROUP PATH...]
  [-chmod [-R] <MODE[,MODE]... | OCTALMODE> PATH...]
  [-chown [-R] [OWNER][:[GROUP]] PATH...]
  [-copyFromLocal [-f] [-p] [-l] <localsrc> ... <dst>]
  [-copyToLocal [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
  [-count [-q] [-h] [-v] [-x] <path> ...]
  [-cp [-f] [-p] [-p[topax]] <src> ... <dst>]
  [-createSnapshot <snapshotDir> [<snapshotName>]]
  [-deleteSnapshot <snapshotDir> <snapshotName>]
  [-df [-h] <path> ...]
  [-du [-s] [-h] [-x] <path> ...]
  [-expunge]
  [-find <path> ... <expression> ...]
  [-get [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
  [-getfacl [-R] <path>]
  [-getfattr [-R] {-n name | -d} [-e en] <path>]
  [-getmerge [-nl] <src> <localdst>]
  [-help [cmd ...]]
  [-ls [-C] [-d] [-h] [-q] [-R] [-t] [-S] [-r] [-u] [<path> ...]]
  [-mkdir [-p] <path> ...]
  [-moveFromLocal <localsrc> ... <dst>]
  [-moveToLocal <src> <localdst>]
  [-mv <src> ... <dst>]
  [-put [-f] [-p] [-l] <localsrc> ... <dst>]
  [-renameSnapshot <snapshotDir> <oldName> <newName>]
  [-rm [-f] [-r|-R] [-skipTrash] <src> ...]
  [-rmdir [-ignore-fail-on-non-empty] <dir> ...]
  [-setfacl [-R] [{-b|-k} {-m|-x <acl_spec>} <path>][[--set <acl_spec> <pa
th>]]
  [-setfattr {-n name [-v value] | -x name} <path>]
  [-setrep [-R] [-w] <rep> <path> ...]
  [-stat [format] <path> ...]
  [-tail [-f] <file>]
  [-test [-defsz] <path>]
  [-text [-ignoreCrc] <src> ...]
  [-touchz <path> ...]
  [-usage [cmd ...]]
```

-appendToFile <localsrc> ... <dst> :
Appends the contents of all the given local files to the given dst file. The d
st
file will be created if it does not exist. If <localSrc> is -, then the input
is
read from stdin.

The general command line syntax is
bin/hadoop command [genericOptions] [commandOptions]

```
[cloudera@quickstart Desktop]$ hadoop fs -copyFromLocal e1.txt /user/cloudera/e1
[cloudera@quickstart Desktop]$ hadoop fs -cat /user/cloudera/e1/e1.txt
PRIYANSHU
22BDA70093
```

```
[cloudera@quickstart Desktop]$ hadoop fs -cp /user/cloudera/e1 /user/cloudera/hbase/
cp: '/user/cloudera/hbase/': No such file or directory
[cloudera@quickstart Desktop]$ hadoop dfs -mkdir /e2
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.
```

```
^[A^[A^[A^[cloudera@quickstart Desktop]$ hadoop fs -mkdir /e2
mkdir: '/e2': File exists
[cloudera@quickstart Desktop]$ hadoop fs -mkdir /er3
[cloudera@quickstart Desktop]$ hadoop fs -cp /user/cloudera/e1 /user/cloudera/er3
[cloudera@quickstart Desktop]$ hadoop fs -mv /user/cloudera/er3/e1.txt /user/cloudera/e1/
mv: '/user/cloudera/e1/e1.txt': File exists
[cloudera@quickstart Desktop]$ hadoop fs -get /user/cloudera/er3/e1.txt /home/cloudera/hdfs_bkp/
get: '/home/cloudera/hdfs_bkp/': No such file or directory
[cloudera@quickstart Desktop]$ hadoop fs -get /user/cloudera/er3/e1.txt /home/cloudera/exp1/
get: '/home/cloudera/exp1/': No such file or directory
[cloudera@quickstart Desktop]$ ls
Eclipse.desktop      expl                file2.txt           Parcels.desktop    we1.txt
Enterprise.desktop   Express.desktop    Kerberos.desktop   rp950s.jpg
[cloudera@quickstart Desktop]$ ls -ld
```

```
[cloudera@quickstart Desktop]$ hdfs dfs -ls
Error: Could not find or load main class dfs-ls
```

```
[cloudera@quickstart Desktop]$ hdfs dfs / ls
/: Unknown command
[cloudera@quickstart Desktop]$ hdfs dfs -ls /
Found 9 items
```

```
drwxrwxrwx - hdfs      supergroup      0 2017-10-23 09:15 /benchmarks
drwxr-xr-x - cloudera  supergroup      0 2024-07-25 22:20 /e1
drwxr-xr-x - cloudera  supergroup      0 2024-07-28 23:11 /e2
drwxr-xr-x - cloudera  supergroup      0 2024-07-28 23:13 /er3
drwxr-xr-x - hbase     supergroup      0 2024-07-28 22:53 /hbase
drwxr-xr-x - solr      solr           0 2017-10-23 09:18 /solr
drwxrwxrwt - hdfs      supergroup      0 2024-07-22 07:25 /tmp
drwxr-xr-x - hdfs      supergroup      0 2017-10-23 09:17 /user
drwxr-xr-x - hdfs      supergroup      0 2017-10-23 09:17 /var
[cloudera@quickstart Desktop]$ hadoop fs -get /user/cloudera/er3/e1.txt /home/cloudera/
[cloudera@quickstart Desktop]$ hadoop fs -setrep -w 1 /user/cloudera/er3/e1.txt
Replication 1 set: /user/cloudera/er3/e1.txt
Waiting for /user/cloudera/er3/e1.txt ... done
[cloudera@quickstart Desktop]$
```