

HDFS

Hadoop fs -ls /home

hdfs dfs -usage <cmd>
to get syntax of cmd

hadoop fs -mkdir dir name.

hdfs dfs -put source target / copy from local

hdfs dfs -cat /path/to file

hdfs dfs -touchz /path/to/file \Rightarrow Creates Zero byte file
if file with Non zero byte exist it will through error

hdfs dfs -get source destination / copy to local

hdfs dfs -appendToFile source tgt \Rightarrow append the source to tgt file
if file tgt file didn't exist it will be created.

hdfs dfs -rm /path/to/file /--SkipTrash

hdfs dfs -count /file \Rightarrow gives dir/file count & size of file.

hdfs dfs -du /-df /path \Rightarrow show capacity & space of file system

hdfs dfs -cp /source /destination

hdfs dfs -mv Source destination

hdfs dfs -chmod rws /path/to/file

hdfs dfs -stat %u /path/to/file \Rightarrow Print the info about the file.

%u \Rightarrow user ; %g \Rightarrow group

%b \Rightarrow block ; %r \Rightarrow replication factor

%n \Rightarrow file name ; %y \Rightarrow modification date

hdfs dfs -tail /file /path \Rightarrow shows last 1KB of file

hd fs dfs -help ls \Rightarrow show help of command.
-usage \Rightarrow show syntax of cmd.

hd fs dfs -test -d /path \Rightarrow to test the file types
-d \Rightarrow if a dir ; -e \Rightarrow if it exist
-f \Rightarrow if a file ; -s \Rightarrow if a file is greater than 0 byte in size
-z \Rightarrow if a file is zero byte
to get status code do echo \$?

hd fs dfs -setrep -w 3 /path \Rightarrow to set replication factor
-w \Rightarrow wait until replication completes

hd fs dfs -find /path -name /-iname filename

hd fs dfs -getfacl -R /path \Rightarrow get ACL [Access Control List]
shows permission of file in detail.

hd fs dfs -truncate -w 100 /path \Rightarrow Truncate files data to
specified length. It will keep 100
character from start or deleted.

hd fs dfs -checksum path \Rightarrow gives MD5 checksum

hd fs dfs -text path \Rightarrow shows Zip file in text date that can't be view
by cat.

rdtsfilepath localfilepath

ldts dts -getmerge -nl src destination \Rightarrow Merge the src
and destination and put the full content in destination

destination is a local file system

-nl will add new line before concatenation both the file

hadoop dtsadmin -report /Path \Rightarrow give complete report about
cluster. how many nodes in cluster
how many are dead / alive, dts info, etc

hadoop dtsadmin -safemode get / on / off