Hadoop FileSystem Shell Commands

@void_io

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The File System (FS) shell includes various shell-like commands that directly interact with the Hadoop Distributed File System (HDFS):

bin/hadoop fs <args>

For Data Movement between HDFS and Unix

put
Usage: `fs -put <localsrc> <dst>`
Copy single src, or multiple srcs from local file system to the destination Hadoop file system.

get
Usage: `fs -get <src> <localdst>`
Copy Hadoop files to the local file system.

copyFromLocal
Usage: `fs -copyFromLocal <localsrc> URI`
Similar to put command, except that the source is restricted to a local file reference.

copyToLocal
Usage: `fs -copyToLocal URI <localdst>`
Similar to get command, except that the destination is restricted to a local file reference.

moveFromLocal
Usage: `fs-moveFromLocal <localsrc> <dst>`
Similar to put command, except that the source localsrc is deleted after it's copied.

moveToLocal
Usage: `fs -moveToLocal <src> <dst>`
Similar to get command, except that the source src is deleted after it's copied.

bin/hadoop fs <args>

Other Commands:

cat
Usage: `fs -cat <path[filename]>`
See contents of a file.

mv
Usage: `fs -mv URI [URI ...] <dest>`
Moves files from source to destination.

rm
Usage: `fs -rm [-r] [-skipTrash] URI`
Delete files specified as args.

count
Usage: `fs -count <paths>`
Count the number of directories, files and bytes under the paths that match the specified file pattern.

du
Usage: `fs -du URI [URI ...]`
Displays sizes of files and directories contained in the given directory or the length of a file in case its just a file.

expunge
Usage: `fs -expunge`
Empty the Trash.

setrep
Usage: `fs -setrep <numReplicas> <path>`
Changes the replication factor of a file.

tail
Usage: `fs -tail URI`
Displays last kilobyte of the file to stdout.

Thank you ☺

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