Hadoop HDFS Commands

- Make directory

  hdfs dfs -mkdir /sadh

  mkdir: `/sadh': File exists

- List directory contents

  hadoop fs -ls /

  Found 1 items

  drwxr-xr-x   - hadoop supergroup   0 2024-05-13 14:27 /sadh

- Adding files to HDFS

  hdfs dfs -put /home/hadoop/Desktop/example/Welcome.txt /sadh/WC.txt

- Viewing contents of a file

  hdfs dfs -cat /sadh/WC.txt

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- Getting a file from HDFS to local system

  hdfs dfs -get /sadh/WC.txt /home/hadoop/Desktop/example/WWC2.txt

- Merge two files into one file

  hdfs dfs -getmerge /sadh/WC.txt /sadh/WC2.txt /home/hadoop/Desktop/example/Merge.txt

- Get access list of directory

  hadoop fs -getfacl /sadh/

  # file: /sadh

  # owner: hadoop

  # group: supergroup

  user::rwx

  group::r-x

  other::r-x

- Move file to new directory

  hadoop fs -mv /sadh /WC2.txt

- Copy file

  hadoop fs -cp /WC2.txt/ /WC.txt