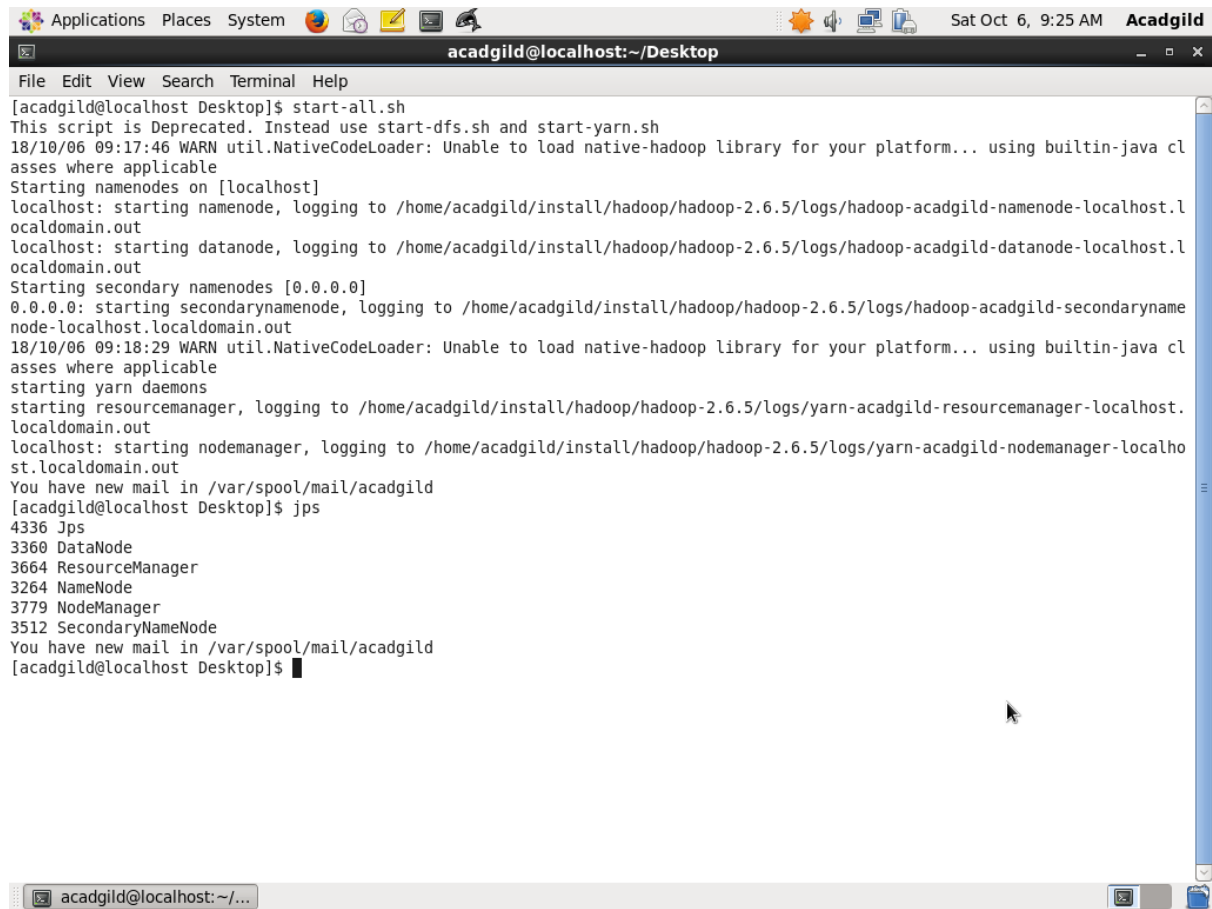


Assignment 1

1



```
acadgild@localhost:~/Desktop
File Edit View Search Terminal Help
[acadgild@localhost Desktop]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
18/10/06 09:17:46 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Starting namenodes on [localhost]
localhost: starting namenode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-namenode-localhost.l
ocaldomain.out
localhost: starting datanode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-datanode-localhost.l
ocaldomain.out
Starting secondary namenodes [0.0.0.0]
0.0.0.0: starting secondarynamenode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-secondaryname
node-localhost.localdomain.out
18/10/06 09:18:29 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
starting yarn daemons
starting resourcemanager, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/yarn-acadgild-resourcemanager-localhost.
localdomain.out
localhost: starting nodemanager, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/yarn-acadgild-nodemanager-localhost.localdomain.out
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ jps
4336 Jps
3360 DataNode
3664 ResourceManager
3264 NameNode
3779 NodeManager
3512 SecondaryNameNode
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$
```

2

Applications Places System Sat Oct 6, 9:55 AM Acadgild

acadgild@localhost: ~/Desktop

File Edit View Search Terminal Help

You have new mail in /var/spool/mail/acadgild

```
[acadgild@localhost Desktop]$ pwd
/home/acadgild/Desktop
[acadgild@localhost Desktop]$ ls -l
total 319756
-rw-rw-r--. 1 acadgild acadgild      44 Aug 18 11:42 AB
-rw-rw-r--. 1 acadgild acadgild      44 Aug 18 11:34 AB.txt
drwxrwxr-x. 2 acadgild acadgild  4096 Oct  6 09:25 Assignments
-rw-rw-r--. 1 acadgild acadgild      12 Aug 18 09:58 A.txt
-rw-rw-r--. 1 acadgild acadgild  1287 Dec 29 2017 bashrc.txt~
-rw-rw-r--. 1 acadgild acadgild      12 Aug 18 09:58 B.txt
-rw-rw-r--. 1 acadgild acadgild      47 Aug 18 11:35 CD.txt
-rw-rw-r--. 1 acadgild acadgild 327155712 Jul 29 08:40 file327.txt
-rw-rw-r--. 1 acadgild acadgild    8733 Aug 25 11:06 Hive Commands Simplin.txt
-rw-rw-r--. 1 acadgild acadgild   4517 Aug  5 10:16 mywordcount.jar
-rw-rw-r--. 1 acadgild acadgild      18 Jul 26 20:45 name.txt
-rw-rw-r--. 1 acadgild acadgild   16513 Aug 12 10:43 Person.java
-rw-rw-r--. 1 acadgild acadgild   1344 Aug 18 11:41 pig_1534564647149.log
-rw-rw-r--. 1 acadgild acadgild   6764 Aug 18 11:51 pig_1534567170690.log
-rw-rw-r--. 1 acadgild acadgild   5809 Aug 19 09:35 pig_1534648781526.log
-rw-rw-r--. 1 acadgild acadgild   2644 Aug 19 11:02 pig_1534656718486.log
-rw-rw-r--. 1 acadgild acadgild   1427 Aug 18 09:49 Pig Commands.txt
drwxrwxr-x. 2 acadgild acadgild   4096 Feb  2 2018 README
-rw-rw-r--. 1 acadgild acadgild   3983 Sep 16 10:58 scala_commands_ag.rtf
-rw-rw-r--. 1 acadgild acadgild   4140 Aug 11 09:25 Sqoop Commands AG.txt
-rw-rw-r--. 1 acadgild acadgild  127710 Sep 25 22:25 TableCreation.png
drwxrwxr-x. 2 acadgild acadgild   4096 Sep 25 22:56 TestHadoop
-rw-rw-r--. 1 acadgild acadgild    215 Aug  5 09:14 test.txt
-rw-rw-r--. 1 acadgild acadgild     43 Jul 26 20:15 test.txt~
-rw-rw-r--. 1 acadgild acadgild    180 Aug 19 11:00 Wordcount.pig
-rw-rw-r--. 1 acadgild acadgild    180 Aug 19 11:00 Wordcount.pig~
[acadgild@localhost Desktop]$
```

acadgild@localhost: ~/...

Applications Places System Sat Oct 6, 10:08 AM Acadgild

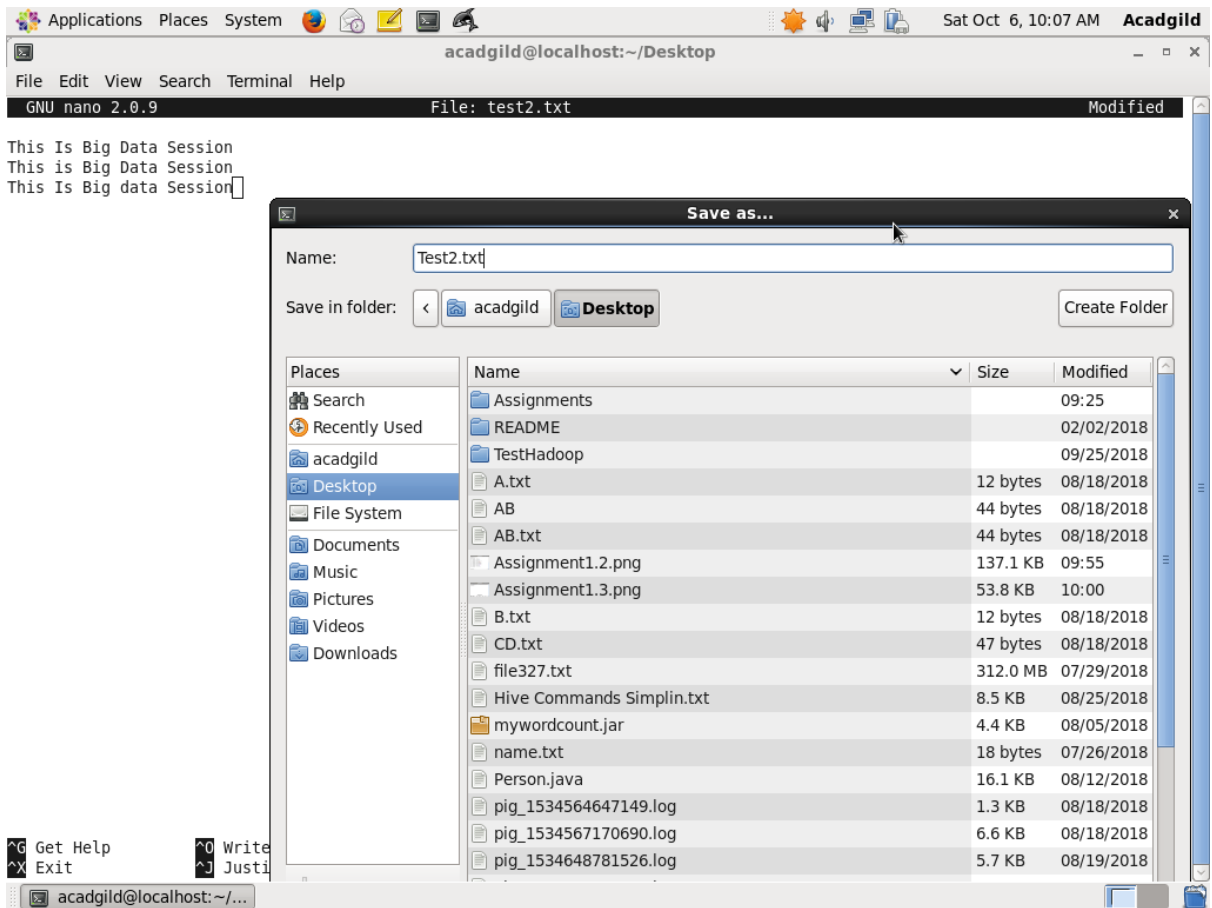
acadgild@localhost: ~/Desktop

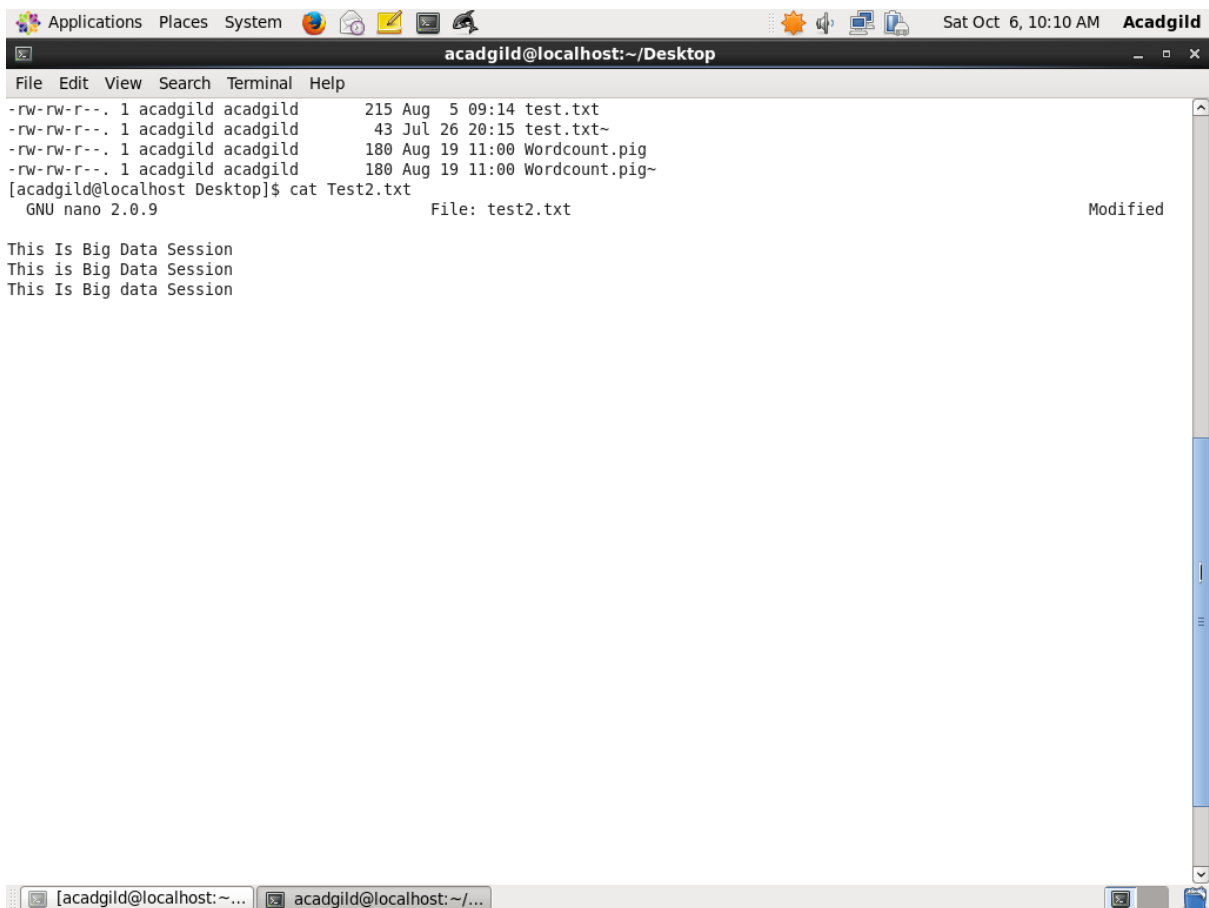
File Edit View Search Terminal Help

```
[acadgild@localhost Desktop]$ nano test2.txt
```

acadgild@localhost: ~/...

acadgild@localhost: ~/...





```
Applications Places System Sat Oct 6, 10:28 AM Acadgild
acadmild@localhost:~/Desktop
File Edit View Search Terminal Help

[acadmild@localhost Desktop]$ hadoop fs -ls /
18/10/06 10:26:48 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 14 items
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadmild@localhost Desktop]$ hadoop fs -put test2.txt /test2.txt
```

```
Applications Places System Sat Oct 6, 10:29 AM Acadgild
acadmild@localhost:~/Desktop
File Edit View Search Terminal Help
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadmild@localhost Desktop]$ hadoop fs -put test2.txt /test2.txt
18/10/06 10:27:25 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
put: `test2.txt': No such file or directory
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost Desktop]$ hadoop fs -put Test2.txt /Test2.txt
18/10/06 10:27:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadmild@localhost Desktop]$ hadoop fs -ls /
18/10/06 10:28:20 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 15 items
-rw-r--r-- 1 acadgild supergroup 4789 2018-10-06 10:28 /Test2.txt
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadmild@localhost Desktop]$
```

```
Applications Places System Sat Oct 6, 10:30 AM Acadgild
acadmild@localhost:~/Desktop
File Edit View Search Terminal Help
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadmild@localhost Desktop]$ hadoop fs -put test2.txt /test2.txt
18/10/06 10:27:25 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
put: 'test2.txt': No such file or directory
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost Desktop]$ hadoop fs -put Test2.txt /Test2.txt
18/10/06 10:27:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadmild@localhost Desktop]$ hadoop fs -ls /
18/10/06 10:28:20 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 15 items
-rw-r--r-- 1 acadgild supergroup 4789 2018-10-06 10:28 /Test2.txt
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadmild@localhost Desktop]$ hadoop fs -cat /Test2.txt
18/10/06 10:30:05 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
GNU nano 2.0.9 File: test2.txt Modified
This Is Big Data Session
This is Big Data Session
This Is Big data Session
acadmild@localhost:~/... acadmild@localhost:~/... [Namenode informatio...
```

ApplicationsPlacesSystem

Sat Oct 6, 10:12 AMAcadgild

Namenode information - Mozilla Firefox

Namenode information

localhost:50070/dfshealth.html#tab-overview

Search

Hadoop

Overview

Datanodes

Snapshot

Startup Progress

Utilities

Overview 'localhost:8020' (active)

Started:	Sat Oct 06 09:18:17 IST 2018
Version:	2.6.5, re8c9fe0b4c252caf2ebf1464220599650f119997
Compiled:	2016-10-02T23:43Z by sjlee from branch-2.6.5
Cluster ID:	CID-7b3f9bd8-f34c-4fb8-87aa-f76b6dfbd809
Block Pool ID:	BP-437583619-127.0.0.1-1517555661954

Summary

Security is off.

Safemode is off.

527 files and directories, 278 blocks = 805 total filesystem object(s).

Heap Memory used 34.58 MB of 49.05 MB Heap Memory. Max Heap Memory is 966.69 MB.

[acadgild@localhost: ~...]

acadgild@localhost: ~/...

Namenode informatio...

ApplicationsPlacesSystem

Sat Oct 6, 10:13 AMAcadgild

Namenode information - Mozilla Firefox

Namenode information

localhost:50070/dfshealth.html#tab-datanode

Hadoop

Overview

Datanodes

Snapshot

Startup Progress

Utilities

Datanode Information

In operation

Node	Last contact	Admin State	Capacity	Used	Non DFS Used	Remaining	Blocks	Block pool used	Failed Volumes	Version
localhost (127.0.0.1:50010)	2	In Service	17.11 GB	424.71 MB	13.59 GB	3.11 GB	278	424.71 MB (2.42%)	0	2.6.5

Decomissioning

Node	Last contact	Under replicated blocks	Blocks with no live replicas	Under Replicated Blocks In files under construction
------	--------------	-------------------------	------------------------------	---

[acadgild@localhost: ~...]

acadgild@localhost: ~/...

Namenode informatio...