

## Install Acadgild VM Using Oracle Virtual Box

**Download and Install Oracle VirtualBox from the below link:**

Link: [Oracle Virtual Box](#)

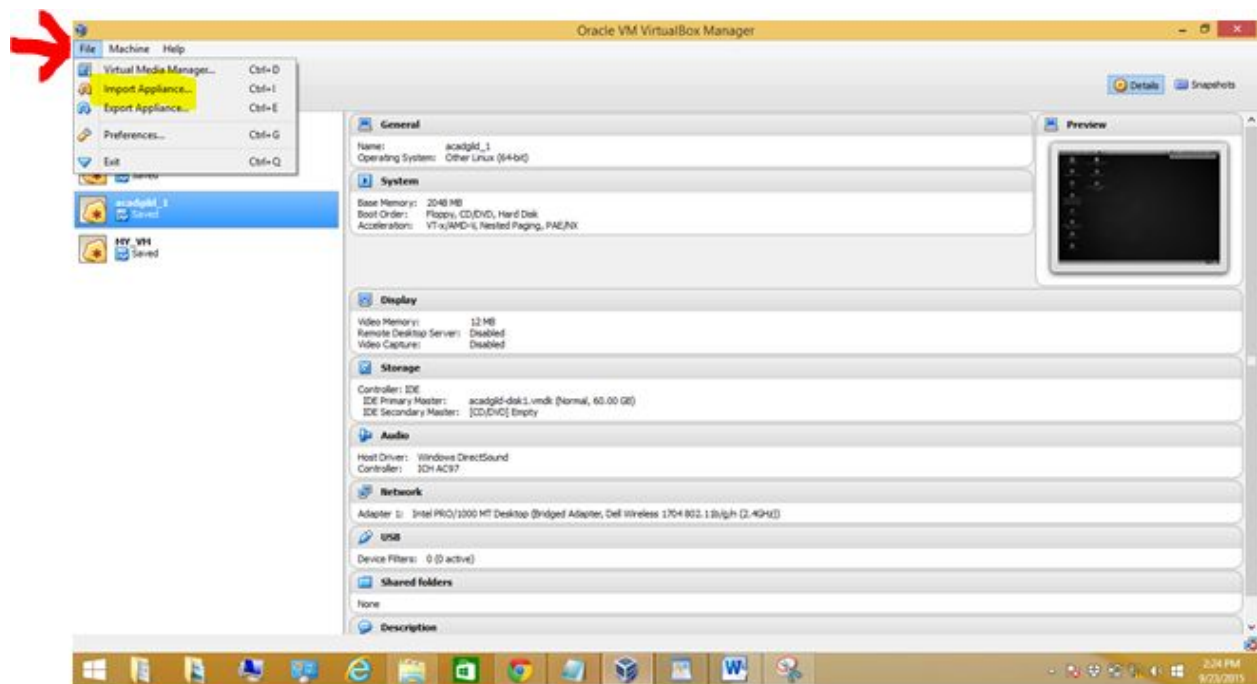
**Download the acadgild vm using the below link and save it into your system.**

Link: [Acadgild VM](#)

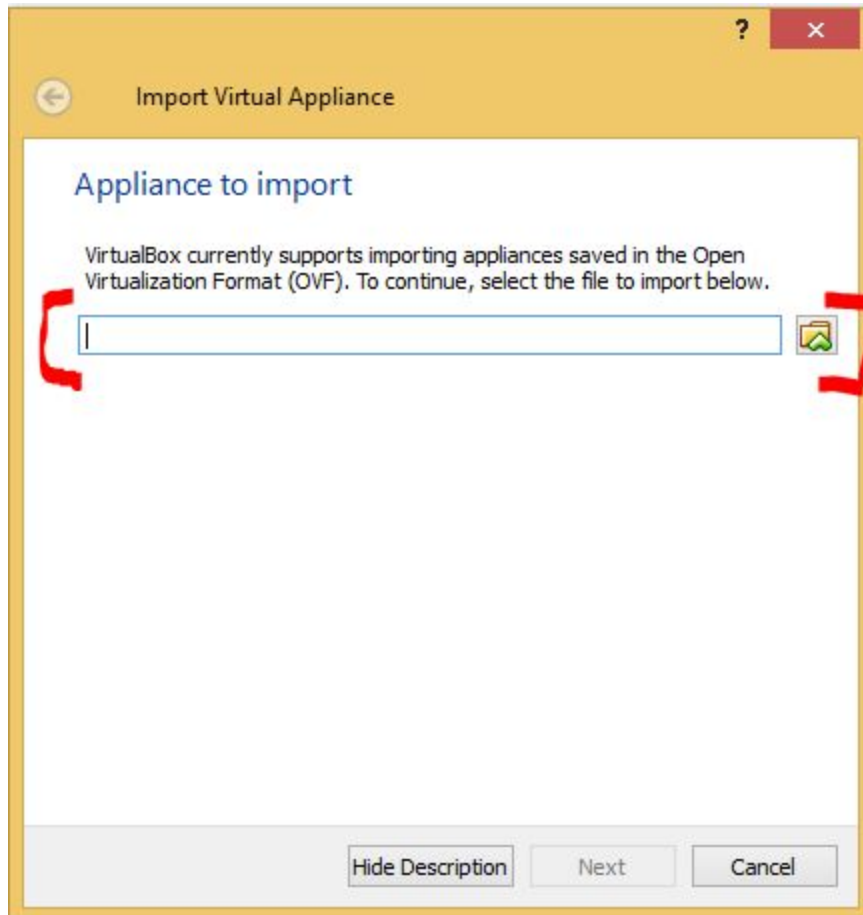
**Steps to import acadgild vm:**

**1. Open the virtual box and then follow the below steps:**

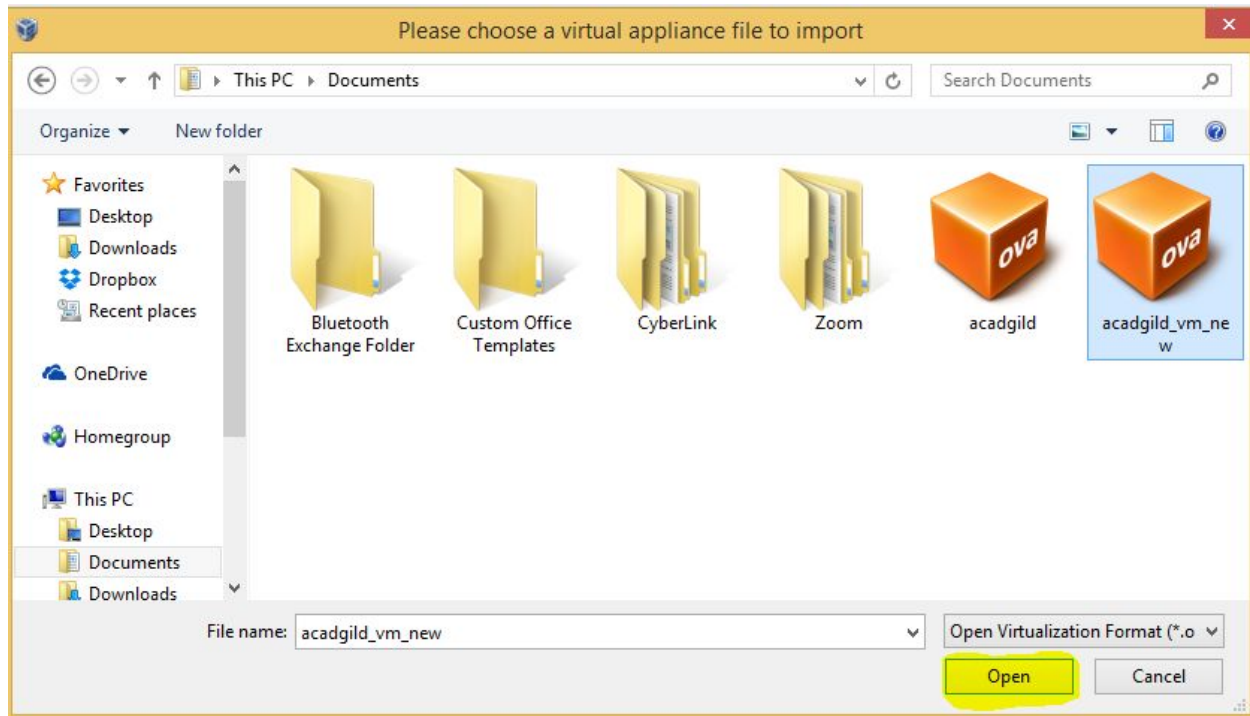
Click on File --> Import Appliance.



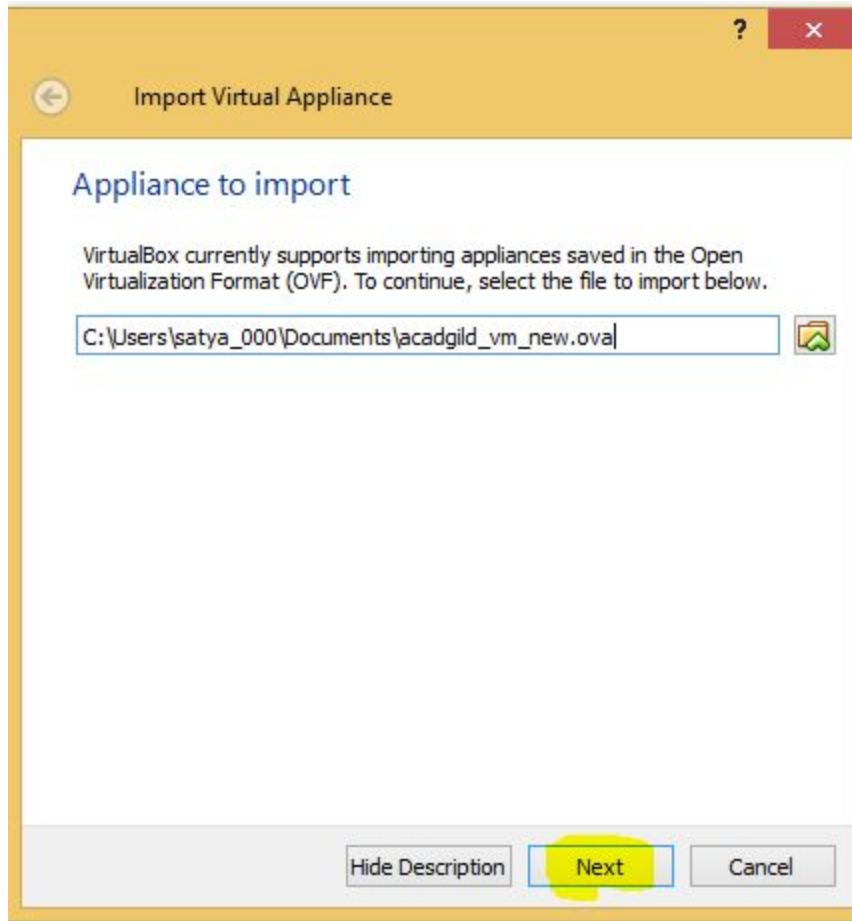
**2. Click on the Folder option as shown in the below screenshot to browse to the location where hadoop vm is present.**



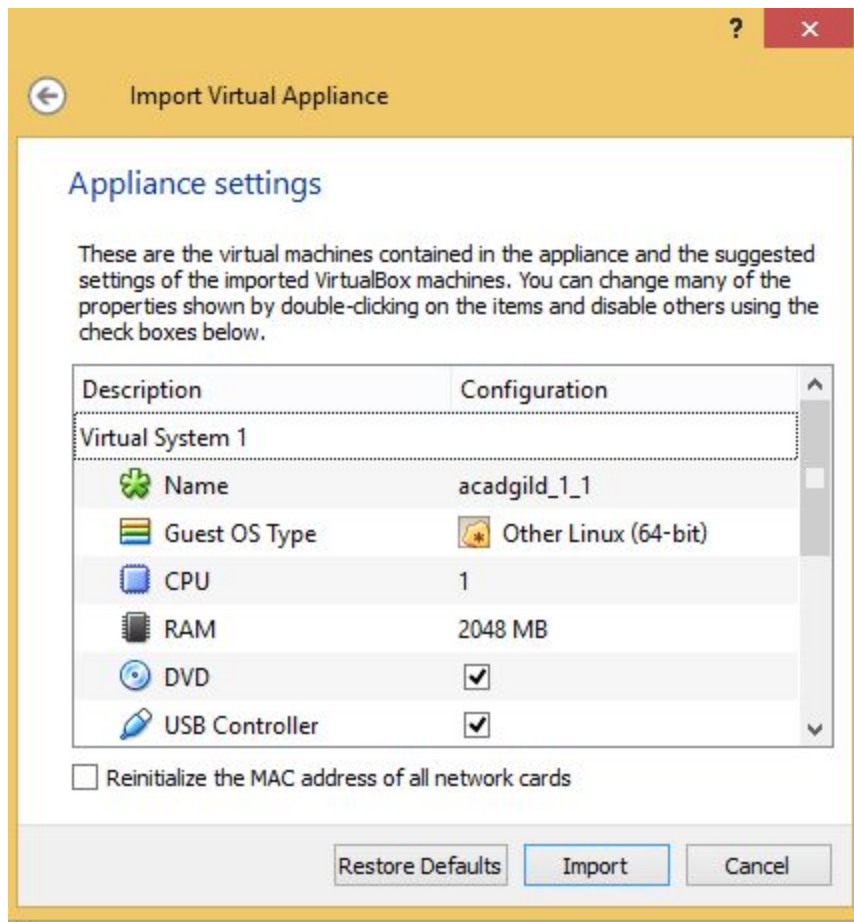
### 3. Select the VM to be imported and then click on Open button.



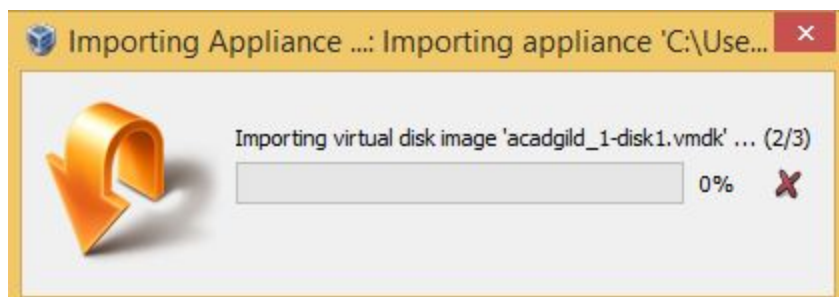
#### 4. Click on Next to proceed to next step:



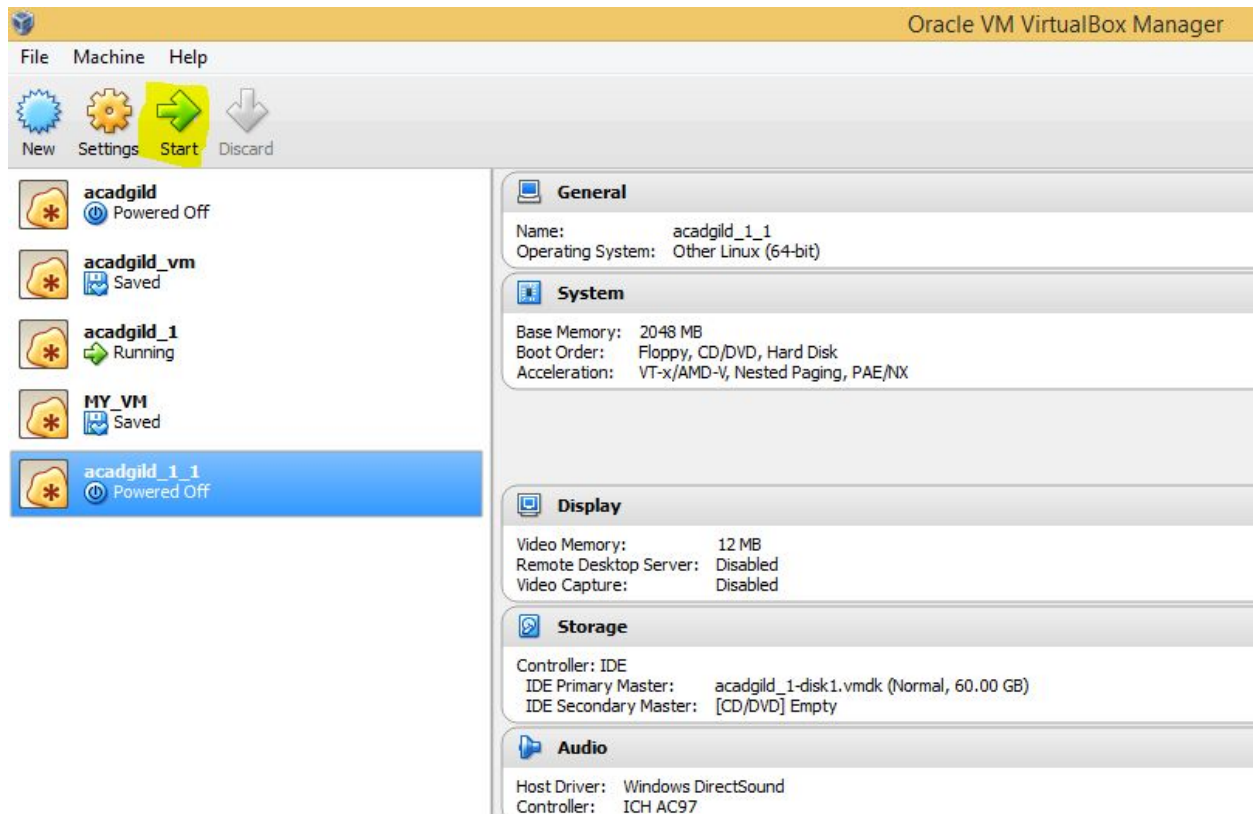
**5. Click on import button to start importing the acadgild VM.**



**6. Once the vm starts getting imported it gives a prompt as shown below:**

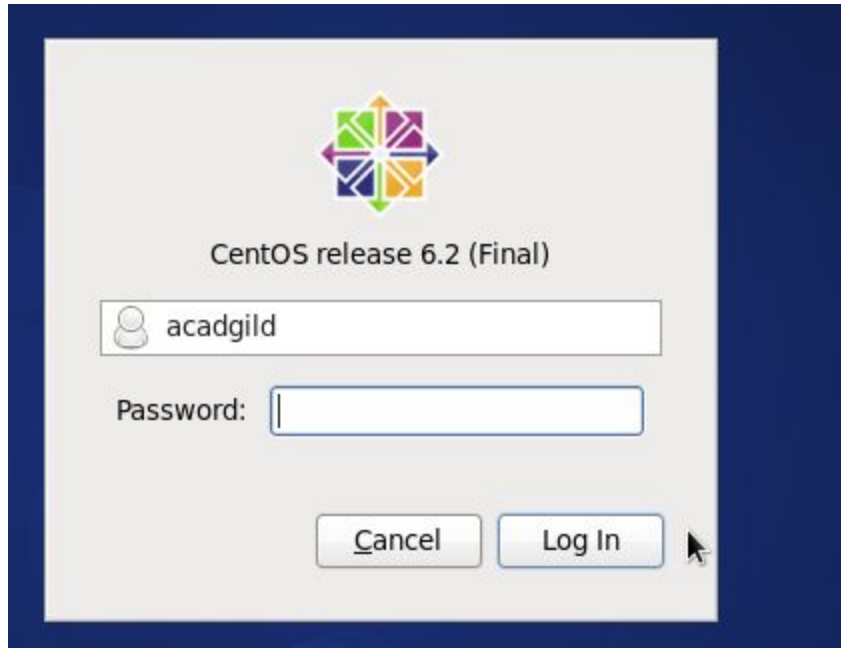


7. Once the importing gets finished, we need to click on the start button as shown in the below screenshot:



**8. We need to give the password as acadgild.**

Password: acadgild



**9. Open the terminal and type the command jps to check the list of daemons, we need to start all the daemons for the first time.**

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ jps  
2077 Jps  
[acadgild@localhost ~]$
```

## 10. Open the terminal and start the ssh server.

```
[acadgild@localhost ~]$ sudo service sshd start
Starting sshd:
[acadgild@localhost ~]$ █
```

[ OK ]

## 11. Start all the daemons.

```
[acadgild@localhost ~]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/02/15 10:56:22 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Starting namenodes on [localhost]
localhost: starting namenode, logging to /home/acadgild/hadoop-2.7.2/logs/hadoop-acadgild-namenode-localhost.localdomain.out
localhost: starting datanode, logging to /home/acadgild/hadoop-2.7.2/logs/hadoop-acadgild-datanode-localhost.localdomain.out
Starting secondary namenodes [0.0.0.0]
```



## 12. Start the historyserver:

```
[acadgild@localhost ~]$ mr-jobhistory-daemon.sh start historyserver
starting historyserver, logging to /usr/local/hadoop-2.6.0/logs/mapred-acadgild-
historyserver-localhost.localdomain.out
[acadgild@localhost ~]$ jps
10007 NameNode
10440 ResourceManager
10297 SecondaryNameNode
10108 DataNode
10972 Jps
10908 JobHistoryServer
10542 NodeManager
[acadgild@localhost ~]$ █
```

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## 13. To start pig in hdfs mode ,type the command pig in terminal.

```
[acadgild@localhost ~]$ pig
2015-11-26 02:30:15,887 INFO [main] pig.ExecTypeProvider: Trying ExecType : LOCAL
2015-11-26 02:30:15,889 INFO [main] pig.ExecTypeProvider: Trying ExecType : MAPREDUCE
2015-11-26 02:30:15,889 INFO [main] pig.ExecTypeProvider: Picked MAPREDUCE as the ExecType
2015-11-26 02:30:15,947 [main] INFO org.apache.pig.Main - Apache Pig version 0.14.0 (r1640057) compiled Nov 16 2014, 18:02:05
2015-11-26 02:30:15,947 [main] INFO org.apache.pig.Main - Logging error message
```

```
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
2015-11-26 02:30:16,992 [main] WARN org.apache.hadoop.util.NativeCodeLoader - Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
2015-11-26 02:30:17,554 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - fs.default.name is deprecated. Instead, use fs.defaultFS
grunt> █
```

**14. To start hive first start mysql service and then type the command hive.**

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ sudo service mysqld start  
[sudo] password for acadgild:  
Starting mysqld: [ OK ]  
[acadgild@localhost ~]$ █
```

```
[acadgild@localhost ~]$ hive  
  
Logging initialized using configuration in jar:file:/usr/local/hive/lib/hive-common-0.14.0.jar!/hive-log4j.properties  
SLF4J: Class path contains multiple SLF4J bindings.  
SLF4J: Found binding in [jar:file:/usr/local/hive/lib/hive-jdbc-0.14.0-standalone.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
SLF4J: Found binding in [jar:file:/usr/local/hadoop-2.6.0/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.  
SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]  
hive> █
```

**15. To start hbase type the below command as shown in the below screenshot.**

A terminal window titled 'acadgild@localhost:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the execution of 'start-hbase.sh' and 'jps'. The output of 'jps' lists several Java processes: Jps, HMaster, NameNode, ResourceManager, SecondaryNameNode, DataNode, JobHistoryServer, and NodeManager.

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ start-hbase.sh  
starting master, logging to /usr/local/hbase/logs/hbase-acadgild-master-localhost.localdomain.out  
[acadgild@localhost ~]$ jps  
12673 Jps  
12596 HMaster  
10007 NameNode  
10440 ResourceManager  
10297 SecondaryNameNode  
10108 DataNode  
10908 JobHistoryServer  
10542 NodeManager  
[acadgild@localhost ~]$
```