

→ install hive

Refer hadoop 2.6.0 installation file

```
hduser@bdt0:~/Desktop$ cd
```

```
hduser@bdt0:~$ pwd
```

```
hduser@bdt0:~$ wget
```

```
http://archive.apache.org/dist/hive/hive-1.2.1/apache-hive-1.2.1-bin.tar.gz
```

```
hduser@bdt0:~$ tar -xvzf apache-hive-1.2.1-bin.tar.gz
```

```
hduser@bdt0:~$ mv apache-hive-1.2.1-bin hive
```

```
hduser@bdt0:~$ sudo mv hive /usr/local/
```

```
hduser@bdt0:~$ sudo chown -R hduser:hadoop /usr/local/hive
```

```
hduser@bdt0:~$ nano ~/.bashrc
```

```
133 # hive variables start
```

```
134 export HIVE_HOME=/usr/local/hive
```

```
135 export PATH=$PATH:$HIVE_HOME/bin
```

```
136 # hive variables end
```

```
# hive variables start
export HIVE_HOME=/usr/local/hive
export PATH=$PATH:$HIVE_HOME/bin
# hive variables end
```

```
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute  ^C Location
^X Exit      ^R Read File ^\ Replace  ^U Paste     ^J Justify  ^_ Go To Line
```

```
hduser@bdt0:~$ source ~/.bashrc
```

```
hduser@bdt0:~$ start-all.sh
```

```
hduser@bdt0:~$ hadoop fs -mkdir -p /tmp/hive
```

```
hduser@bdt0:~$ hadoop fs -mkdir -p /tmp/hive
23/05/29 11:50:47 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bdt0:~$
```

```
hduser@bdt0:~$ hadoop fs -mkdir -p /user/hive/warehouse
```

```
hduser@bdt0:~$ hadoop fs -mkdir -p /user/hive/warehouse
23/05/29 11:52:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bdt0:~$
```

```
hduser@bdt0:~$ hadoop fs -chmod g+w /tmp/hive
```

```
hduser@bdt0:~$ hadoop fs -chmod g+w /tmp/hive
23/05/29 11:54:38 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bdt0:~$
```

```
hduser@bdt0:~$ hadoop fs -chmod g+w /user/hive/warehouse
```

```
hduser@bdt0:~$ hadoop fs -chmod g+w /user/hive/warehouse
23/05/29 11:57:02 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bdt0:~$
```

```
hduser@bdt0:~$ sudo mkdir /usr/local/hive/iotmp
```

```
hduser@bdt0:~$ sudo chown -R hduser:hadoop /usr/local/hive/iotmp
```

```
hduser@bdt0:~$ sudo chmod 777 /usr/local/hive/iotmp
```

```
hduser@bdt0:~$ hadoop fs -chmod 733 /tmp/hive
```

```
hduser@bdt0:~$ hadoop fs -chmod 733 /tmp/hive
23/05/29 12:06:05 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hduser@bdt0:~$
```

```
hduser@bdt0:~$ cd /usr/local/hive/conf/
```

```
hduser@bdt0:/usr/local/hive/conf$ cp hive-default.xml.template hive-site.xml
```

```
hduser@bdt0:/usr/local/hive/conf$ sudo vim hive-site.xml
```

```
45 <property>
46   <name>hive.exec.scratchdir</name>
47   <value>/tmp/hive</value>
48   <description>HDFS root scratch dir for Hive jobs which gets created with
   write all (733) permission. For each connecting user, an HDFS scratch dir
   : ${hive.exec.scratchdir}/&lt;username&gt; is created, with ${hive.scratch.
   dir.permission}.</description>
49 </property>
```

```
<property>
  <name>hive.exec.scratchdir</name>
  <value>/tmp/hive</value>
  <description>HDFS root scratch dir for Hive jobs which gets created with write
all (733) permission. For each connecting user, an HDFS scratch dir:
${hive.exec.scratchdir}/&lt;username&gt; is created, with
${hive.scratch.dir.permission}.</description>
</property>
```

```

51     <name>hive.exec.local.scratchdir</name>
52     <!-- <value>${system:java.io.tmpdir}/${system:user.name}</value> -->
53     <value>/usr/local/hive/iotmp</value>
54     <description>Local scratch space for Hive jobs</description>
55 </property>
56 </property>

```

```

<property>
  <name>hive.exec.local.scratchdir</name>
  <!-- <value>${system:java.io.tmpdir}/${system:user.name}</value> -->
  <value>/usr/local/hive/iotmp</value>
  <description>Local scratch space for Hive jobs</description>
</property>
<property>

```

```

56 </property>
57 <name>hive.downloaded.resources.dir</name>
58 <!-- <value>${system:java.io.tmpdir}/${hive.session.id}_resources</v
    alue> -->
59 <value>/usr/local/hive/iotmp</value>
60 <description>Temporary local directory for added resources in the remot
    e file system.</description>
61 </property>

```

```

<property>
  <name>hive.downloaded.resources.dir</name>
  <!-- <value>${system:java.io.tmpdir}/${hive.session.id}_resources</value> -->
  <value>/usr/local/hive/iotmp</value>
  <description>Temporary local directory for added resources in the remote file
system.</description>
</property>

```

```

1321 </property>
1322 <name>hive.querylog.location</name>
1323 <!-- <value>${system:java.io.tmpdir}/${system:user.name}</value> -->
1324 <value>/usr/local/hive/iotmp</value>
1325 <description>Location of Hive run time structured log file</description>
    >
1326 </property>

```

```

<property>
  <name>hive.querylog.location</name>
  <!-- <value>${system:java.io.tmpdir}/${system:user.name}</value> -->
  <value>/usr/local/hive/iotmp</value>
  <description>Location of Hive run time structured log file</description>
</property>

```

```

396 </property>
397 <name>javax.jdo.option.ConnectionURL</name>
398 <!-- <value>jdbc:derby;;databaseName=metastore_db;create=true</value>
    > -->
399 <value>jdbc:derby;;databaseName=/usr/local/hive/metastore_db;create=tru
    e</value>
400 <description>JDBC connect string for a JDBC metastore</description>
401 </property>

```

```
<property>
  <name>hive.metastore.ds.connection.url.hook</name>
  <value/>
  <description>Name of the hook to use for retrieving the JDO connection URL. If
empty, the value in javax.jdo.option.ConnectionURL is used</description>
</property>
```

```
hduser@bdt0:/usr/local/hive/conf$ cp hive-env.sh.template hive-env.sh
```

```
hduser@bdt0:/usr/local/hive/conf$ vim hive-env.sh
```

```
53 # Folder containing extra libraries required for hive compilation/execution
    can be controlled by:
54 # export HIVE_AUX_JARS_PATH=
55
56
57 export HADOOP_USER_CLASSPATH_FIRST=true
58
59
"hive-env.sh" 59L, 2422B written                               59,0-1      Bot
export HADOOP_USER_CLASSPATH_FIRST=true
```

```
hduser@bdt0:/usr/local/hive/conf$ cd ~
```

```
hduser@bdt0:~$ hive
```

```
hduser@bdt0:~$ hive

Logging initialized using configuration in jar:file:/usr/local/hive/lib/hive-com
mon-1.2.1.jar!/hive-log4j.properties
hive>
```

```
hive> SHOW DATABASES ;
```

```
hive> SHOW DATABASES ;
OK
default
Time taken: 1.447 seconds, Fetched: 1 row(s)
hive>
```