

download hive from apache site in home directory

`cd` [this command will take you to home dir]

`pwd` [/home/hduser]

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

`tar -xvzf apache-hive-1.2.1-bin.tar.gz`

`mv apache-hive-1.2.1-bin hive`

`sudo mv hive /usr/local/`

`sudo chown -R hduser:hadoop /usr/local/hive`

Add the following two lines in the .bashrc file

`nano ~/.bashrc`

`export HIVE_HOME=/usr/local/hive`

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

`source ~/.bashrc`

`hadoop fs -mkdir -p /tmp/hive`

`hadoop fs -mkdir -p /user/hive/warehouse`

`hadoop fs -chmod g+w /tmp/hive`

```
hadoop fs -chmod g+w /user/hive/warehouse
```

```
sudo mkdir /usr/local/hive/iotmp
```

```
sudo chown -R hduser:hadoop /usr/local/hive/iotmp
```

```
sudo chmod 777 /usr/local/hive/iotmp
```

```
hadoop fs -chmod 733 /tmp/hive
```

Configuration files for Hive are under
/usr/local/hive/conf

hive-default.xml.template contains the default values for various configuration variables that come prepackaged in a Hive distribution. In order to override any of the values, create hive-site.xml instead and set the value in that file as shown above.

hive-default.xml.template is located in the conf directory in your installation root, and hive-site.xml should also be created in the same directory.

```
cd /usr/local/hive/conf
```

```
cp hive-default.xml.template hive-site.xml
```

```
nano hive-site.xml
```

do not append. make changes in the values in hive-site.xml

```
<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}</descript
ion>
</property>
<property>
```

```
<name>hive.exec.local.scratchdir</name>
    <value>/usr/local/hive/iotmp</value>
    <description>Local scratch space for
Hive jobs</description>
</property>
<property>
```

```
<name>hive.downloaded.resources.dir</name>
>
    <value>/usr/local/hive/iotmp</value>
    <description>Temporary local
directory for added resources in the
remote file system.</description>
</property>
```

```
<property>
    <name>hive.querylog.location</name>
    <value>/usr/local/hive/iotmp</value>
```

```
<description>Location of Hive run  
time structured log file</description>  
</property>
```

Hive meta store settings in hive-site.xml

```
<property>  
  <name>javax.jdo.option.ConnectionURL</name>  
  <value>jdbc:derby;;databaseName=/usr/local/hive/meta  
store_db;create=true</value>  
  <description>JDBC connect string for a  
JDBC metastore</description>  
</property>
```

make changes by adding the below command in hive-env.sh

if the file is not available then copy file from default file

```
cp hive-env.sh.template hive-env.sh
```

add the following line in the hive-env.sh

```
gedit hive-env.sh or nano hive-env.sh
```

add the following line at the end

```
export HADOOP_USER_CLASSPATH_FIRST=true
```

save the file.

```
cd ~
```

```
$ hive
```

hive>