

Installation of Hive 1.2.1 on Ubuntu 14.04 and Hadoop 2.6.3

1. Download hive on below path:

<http://www.apache.org/dyn/closer.cgi/hive/>

2. Extract the .tar.gz file in Downloads/ and rename it to hive/ and move the folder to /usr/lib/hive path:

```
sudo mkdir /usr/lib/hive
sudo mv Downloads/hive /usr/lib
```

3. Provide access to hive path by changing the owners and groups.

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

4. Configure environment variables in .bashrc file.

```
hduser$ vim ~/.bashrc

export HIVE_HOME=/usr/lib/hive/
export PATH=$PATH:$HIVE_HOME/bin
export HADOOP_USER_CLASSPATH_FIRST=true
```

5. Apply the changes to bashrc file.

```
hduser$ source ~/.bashrc
```

6. Create folders for hive in HDFS

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

7. Configuring Hive

To configure Hive with Hadoop, you need to edit the hive-env.sh file, which is placed in the \$HIVE_HOME/conf directory. The following commands redirect to Hive config folder and copy the template file:

```
hduser$ cd $HIVE_HOME/conf
hduser$ cp hive-env.sh.template hive-env.sh
```

Edit the hive-env.sh file by appending the following line:

```
export HADOOP_HOME=/usr/local/hadoop
```

8. Run the hive

```
hive
```