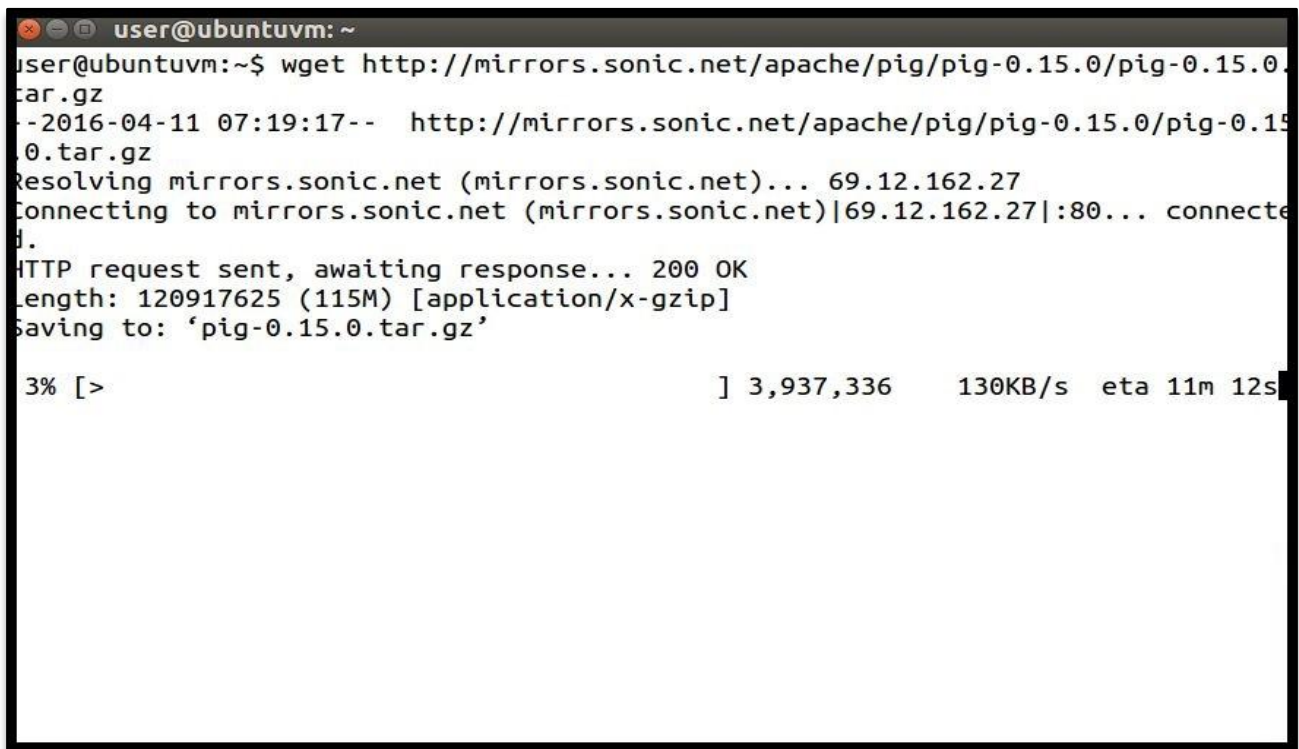


INSTALLATION MANUAL: PIG IN HADOOP 2.6

Step 1: Run the following command to [download the pig binary file](#)

```
$ wget
```

```
http://mirrors.sonic.net/apache/pig/pig-0.15.0/pig-0.15.0.tar.gz
```

A terminal window titled 'user@ubuntuvvm: ~' showing the execution of the 'wget' command. The command is 'wget http://mirrors.sonic.net/apache/pig/pig-0.15.0/pig-0.15.0.tar.gz'. The output shows the file being resolved, connected to, and downloaded. The progress bar indicates 3% completion, with a speed of 130KB/s and an estimated time of 11m 12s.

```
user@ubuntuvvm: ~  
user@ubuntuvvm:~$ wget http://mirrors.sonic.net/apache/pig/pig-0.15.0/pig-0.15.0.  
tar.gz  
--2016-04-11 07:19:17-- http://mirrors.sonic.net/apache/pig/pig-0.15.0/pig-0.15.  
0.tar.gz  
Resolving mirrors.sonic.net (mirrors.sonic.net)... 69.12.162.27  
Connecting to mirrors.sonic.net (mirrors.sonic.net)|69.12.162.27|:80... connecte  
d.  
HTTP request sent, awaiting response... 200 OK  
Length: 120917625 (115M) [application/x-gzip]  
Saving to: 'pig-0.15.0.tar.gz'  
  
3% [>] 3,937,336 130KB/s eta 11m 12s
```

Step 2: Extract the downloaded file using tar command

```
$ tar -xvzf pig-0.15.0.tar.gz
```

A terminal window with a dark title bar showing 'user@ubuntuv: ~'. The command 'tar -xvzf pig-0.15.0.tar.gz' has been entered and executed, with the prompt returning to the user.

```
user@ubuntuv: ~  
user@ubuntuv:~$ tar -xvzf pig-0.15.0.tar.gz
```

Step 3: Open the bashrc file

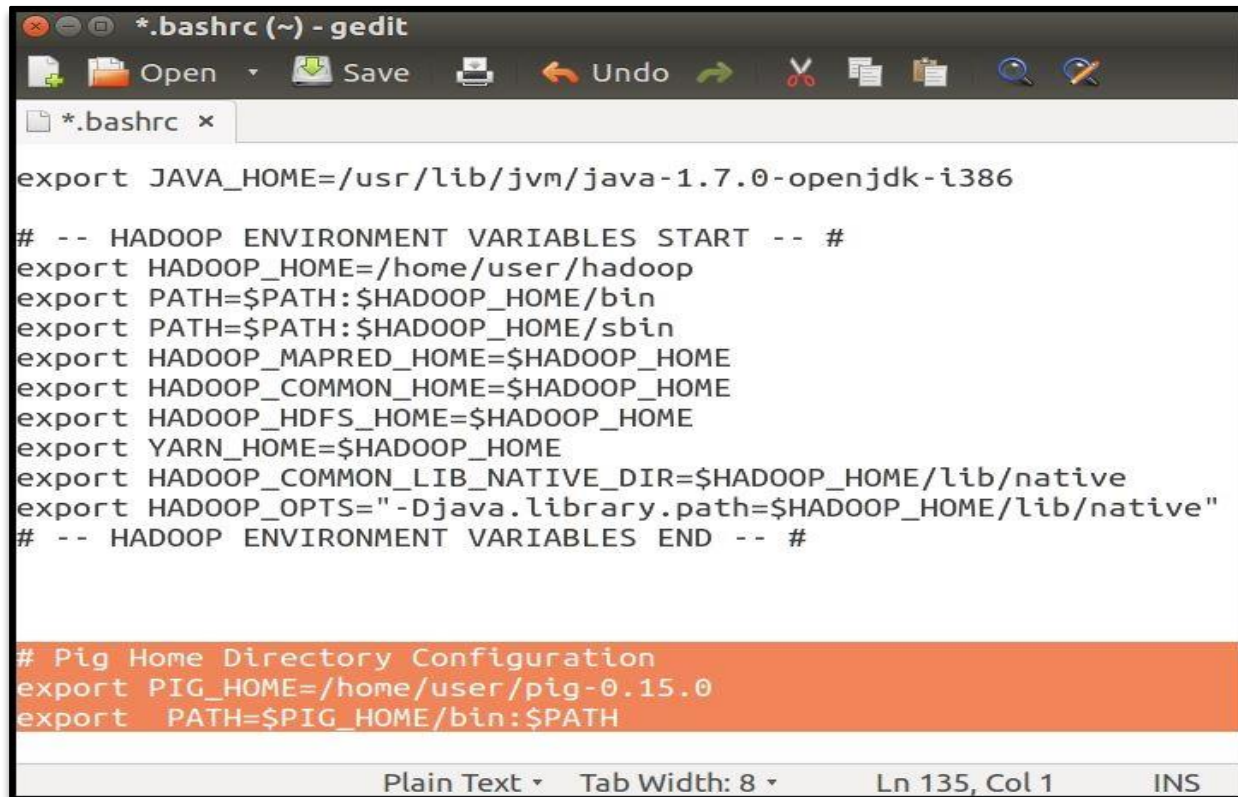
```
$ gedit ~/.bashrc
```

A terminal window with a dark title bar showing 'user@ubuntuv: ~'. The command 'gedit ~/.bashrc' has been entered and executed, with the prompt returning to the user.

```
user@ubuntuv: ~  
user@ubuntuv:~$ gedit ~/.bashrc
```

Step 4: Make the following entry inside bashrc file

```
export PIG_HOME=/home/user/pig-0.15.0  
export PATH=$PIG_HOME/bin:$PATH
```



```
*.bashrc (~) - gedit
export JAVA_HOME=/usr/lib/jvm/java-1.7.0-openjdk-i386

# -- HADOOP ENVIRONMENT VARIABLES START -- #
export HADOOP_HOME=/home/user/hadoop
export PATH=$PATH:$HADOOP_HOME/bin
export PATH=$PATH:$HADOOP_HOME/sbin
export HADOOP_MAPRED_HOME=$HADOOP_HOME
export HADOOP_COMMON_HOME=$HADOOP_HOME
export HADOOP_HDFS_HOME=$HADOOP_HOME
export YARN_HOME=$HADOOP_HOME
export HADOOP_COMMON_LIB_NATIVE_DIR=$HADOOP_HOME/lib/native
export HADOOP_OPTS="-Djava.library.path=$HADOOP_HOME/lib/native"
# -- HADOOP ENVIRONMENT VARIABLES END -- #

# Pig Home Directory Configuration
export PIG_HOME=/home/user/pig-0.15.0
export PATH=$PIG_HOME/bin:$PATH

Plain Text ▾ Tab Width: 8 ▾ Ln 135, Col 1 INS
```

And save the bashrc file using ctrl+s and close the .bashrc file

Step 5: Then you do

`$ source .bashrc`



```
user@ubuntuvirtual: ~
user@ubuntuvirtual:~$ source .bashrc
user@ubuntuvirtual:~$ █
```

Step 6: Start pig in MapReduce mode

\$ pig

```
user@ubuntuvm: ~  
user@ubuntuvm:~$ pig  
16/04/11 07:35:38 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL  
16/04/11 07:35:38 INFO pig.ExecTypeProvider: Trying ExecType : MAPREDUCE  
16/04/11 07:35:38 INFO pig.ExecTypeProvider: Picked MAPREDUCE as the ExecType  
2016-04-11 07:35:38,229 [main] INFO org.apache.pig.Main - Apache Pig version 0.  
14.0 (r1640057) compiled Nov 16 2014, 18:02:05  
2016-04-11 07:35:38,234 [main] INFO org.apache.pig.Main - Logging error message  
s to: /home/user/pig_1460374538220.log  
2016-04-11 07:35:38,340 [main] INFO org.apache.pig.impl.util.Utils - Default bo  
otup file /home/user/.pigbootup not found  
2016-04-11 07:35:41,319 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.addr  
ess  
2016-04-11 07:35:41,320 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - fs.default.name is deprecated. Instead, use fs.defaultFS  
2016-04-11 07:35:41,320 [main] INFO org.apache.pig.backend.hadoop.executionengi  
ne.HExecutionEngine - Connecting to hadoop file system at: hdfs://localhost:9000  
2016-04-11 07:35:42,816 [main] WARN org.apache.hadoop.util.NativeCodeLoader - U  
nable to load native-hadoop library for your platform... using builtin-java clas  
ses where applicable  
2016-04-11 07:35:45,035 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.addr  
ess  
2016-04-11 07:35:45,036 [main] INFO org.apache.pig.backend.hadoop.executionengi  
ne.HExecutionEngine - Connecting to map-reduce job tracker at: localhost:9001  
2016-04-11 07:35:45,037 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - fs.default.name is deprecated. Instead, use fs.defaultFS  
grunt>
```

You can run it also in local

```
$ pig -x local
```

```
user@ubuntuvm: ~  
user@ubuntuvm:~$ pig -x local  
16/04/11 07:41:15 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL  
16/04/11 07:41:15 INFO pig.ExecTypeProvider: Picked LOCAL as the ExecType  
2016-04-11 07:41:15,450 [main] INFO org.apache.pig.Main - Apache Pig version 0.  
14.0 (r1640057) compiled Nov 16 2014, 18:02:05  
2016-04-11 07:41:15,450 [main] INFO org.apache.pig.Main - Logging error message  
s to: /home/user/pig_1460374875427.log  
2016-04-11 07:41:15,585 [main] INFO org.apache.pig.impl.util.Utils - Default bo  
otup file /home/user/.pigbootup not found  
2016-04-11 07:41:16,463 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - fs.default.name is deprecated. Instead, use fs.defaultFS  
2016-04-11 07:41:16,470 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.addr  
ess  
2016-04-11 07:41:16,473 [main] INFO org.apache.pig.backend.hadoop.executionengi  
ne.HExecutionEngine - Connecting to hadoop file system at: file:///   
2016-04-11 07:41:16,833 [main] INFO org.apache.hadoop.conf.Configuration.deprec  
ation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum  
grunt> █
```