

```
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi

#HADOOP VARIABLES START
export JAVA_HOME=/usr/lib/jvm/java-7-openjdk-amd64
export HADOOP_INSTALL=/usr/local/hadoop
export PATH=$PATH:$HADOOP_INSTALL/bin
export PATH=$PATH:$HADOOP_INSTALL/sbin
export HADOOP_MAPRED_HOME=$HADOOP_INSTALL
export HADOOP_COMMON_HOME=$HADOOP_INSTALL
export HADOOP_HDFS_HOME=$HADOOP_INSTALL
export YARN_HOME=$HADOOP_INSTALL
export HADOOP_COMMON_LIB_NATIVE_DIR=$HADOOP_INSTALL/lib/native
export HADOOP_OPTS="-Djava.library.path=$HADOOP_INSTALL/lib"
#HADOOP VARIABLES END
```

```
hduser@ubuntu:/home$ cd ..
hduser@ubuntu:/$ cd usr
hduser@ubuntu:/usr$ cd local
hduser@ubuntu:/usr/local$ cd hadoop
hduser@ubuntu:/usr/local/hadoop$ cd etc
hduser@ubuntu:/usr/local/hadoop/etc$ cd hadoop
hduser@ubuntu:/usr/local/hadoop/etc/hadoop$ ls
capacity-scheduler.xml      httpfs-env.sh              mapred-env.sh
configuration.xml           httpfs-log4j.properties   mapred-queues.xml.template
container-executor.cfg      httpfs-signature.secret   mapred-site.xml
core-site.xml               httpfs-site.xml            mapred-site.xml.template
hadoop-env.cmd              kms-acls.xml               slaves
hadoop-env.sh               kms-env.sh                 ssl-client.xml.example
hadoop-metrics2.properties kms-log4j.properties      ssl-server.xml.example
hadoop-metrics.properties  kms-site.xml               yarn-env.cmd
hadoop-policy.xml           log4j.properties          yarn-env.sh
hdfs-site.xml               mapred-env.cmd             yarn-site.xml
hduser@ubuntu:/usr/local/hadoop/etc/hadoop$
```

hduser@ubuntu: /usr/local/hadoop/etc/hadoop

GNU nano 2.2.6

File: hadoop-env.sh

```
# distributed under the License is distributed on an "AS IS" BASIS,  
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
# See the License for the specific language governing permissions and  
# limitations under the License.  
  
# Set Hadoop-specific environment variables here.  
  
# The only required environment variable is JAVA_HOME. All others are  
# optional. When running a distributed configuration it is best to  
# set JAVA_HOME in this file, so that it is correctly defined on  
# remote nodes.  
  
# The java implementation to use.  
export JAVA_HOME=/usr/lib/jvm/java-7-openjdk-amd64  
export JAVA_HOME=${JAVA_HOME}  
  
# The jsvc implementation to use. Jsvc is required to run secure datanodes  
# that bind to privileged ports to provide authentication of data transfer  
# protocol. Jsvc is not required if SASL is configured for authentication of  
# data transfer protocol using non-privileged ports.
```



usr

local

hadoop\_tmp

hdfs

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datanode



namenode

```
hduser@ubuntu: /usr/local/hadoop/etc/hadoop
hduser@ubuntu: /usr/local/hadoop/etc/hadoop$ sudo mkdir -p /usr/local/hadoop_tmp/hdfs/name
node
hduser@ubuntu: /usr/local/hadoop/etc/hadoop$ sudo mkdir -p /usr/local/hadoop_tmp/hdfs/data
node
hduser@ubuntu: /usr/local/hadoop/etc/hadoop$
```