**222BDA41**

**HIVE INSTALLATION CODES**

# HIVE

cd course/softwares

wget https://apache.osuosl.org/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz

tar -xzf apache-hive-3.1.2-bin.tar.gz

mv apache-hive-3.1.2-bin hive

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rm -r hive

rm apac

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nano ~/.bashrc

export HIVE\_HOME=$HOME/Desktop/jes/softwares/hive

export PATH=$PATH:$HIVE\_HOME/sbin:$HIVE\_HOME/bin

export CLASSPATH=$CLASSPATH:$HADOOP\_HOME/lib/\*:$HIVE\_HOME/lib/\*

source ~/.bashrc

cd $HIVE\_HOME/conf

nano hive-env.sh

export HADOOP\_HOME=$HOME/Desktop/jes/softwares/hadoop-3.3.4

# Metastore - Apache Derby configuration

cd course/softwares

wget http://archive.apache.org/dist/db/derby/db-derby-10.4.2.0/db-derby-10.4.2.0-bin.tar.gz

tar zxvf db-derby-10.4.2.0-bin.tar.gz

mv db-derby-10.4.2.0-bin derby

nano ~/.bashrc

export DERBY\_HOME=$HOME/Desktop/jes/softwares/derby

export PATH=$PATH:$DERBY\_HOME/bin

export CLASSPATH=$CLASSPATH:$DERBY\_HOME/lib/derby.jar:$DERBY\_HOME/lib/derbytools.jar

source ~/.bashrc

mkdir $DERBY\_HOME/data

# Configure Derby for Hive

cd $HIVE\_HOME/conf

nano hive-site.xml

<configuration>

<property>

<name>javax.jdo.option.ConnectionURL</name>

<value>jdbc:derby:;databaseName=metastore\_db;create=true</value>

<description>JDBC connect string for a JDBC metastore </description>

</property>

</configuration>

nano jpox.properties

javax.jdo.PersistenceManagerFactoryClass =

org.jpox.PersistenceManagerFactoryImpl

org.jpox.autoCreateSchema = false

org.jpox.validateTables = false

org.jpox.validateColumns = false

org.jpox.validateConstraints = false

org.jpox.storeManagerType = rdbms

org.jpox.autoCreateSchema = true

org.jpox.autoStartMechanismMode = checked

org.jpox.transactionIsolation = read\_committed

javax.jdo.option.DetachAllOnCommit = true

javax.jdo.option.NontransactionalRead = true

javax.jdo.option.ConnectionDriverName = org.apache.derby.jdbc.ClientDriver

javax.jdo.option.ConnectionURL = jdbc:derby://hadoop1:1527/metastore\_db;create = true

javax.jdo.option.ConnectionUserName = APP

javax.jdo.option.ConnectionPassword = mine

# Setup Hive in HDFS

$HADOOP\_HOME/bin/hadoop fs -mkdir /tmp

$HADOOP\_HOME/bin/hadoop fs -mkdir /user/hive/warehouse

$HADOOP\_HOME/bin/hadoop fs -chmod g+w /tmp

$HADOOP\_HOME/bin/hadoop fs -chmod g+w /user/hive/warehouse

cd $HIVE\_HOME

bin/schematool -initSchema -dbType derby

bin/hive