The reference to build process<https://wenku.baidu.com/view/eada0db33186bceb19e8bb80.html>

1. The following is the actual process I set up 1). configuration java environment reference: main ：<http://blog.csdn.net/xb12369/article/details/40788491><http://blog.csdn.net/lyl_lyf/article/details/48767143> secondary （1.1） Check your system is 32-bit or 64-bit you can use the command "getconf LONG\_BIT" to view, If the result returned 32, then it is 32-bit. if the result returned 64 then it is 64-bit. In addition, you can use the command "uname-a" to view, in The output of result, if there is an x86\_64 then it is 64-bit, no is 32-bit.

1.2) On the basis of 1 download JDK<http://www.oracle.com/technetwork/java/javasebusiness/downloads/java-archive-downloads-javase6-419409.html> 1.3）install JDK A. Create a new folder of java under user: #mkdir /user/java b. # chmod 777 jdk-6u45-linux-x64.bin c. # ./jdk-6u45-linux-x64.bin 1.4) Configure environment variables a. # vi /etc/profile b. add the following lines at the end： export JAVA\_HOME=/usr/java/jdk1.6.0\_45 export JAVA\_BIN=/usr/java/jdk1.6.0\_45/bin export PATH=$PATH:$JAVA\_HOME/bin export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar export JAVA\_HOME JAVA\_BIN PATH CLASSPATH d. Press Esc first, enter the control mode, then#:wq （ Save and exit ） e. #. /etc/profile Make configuration file effective (restart) f. #java -version The version information appear means successful

2.) install maven reference: <http://www.linuxidc.com/Linux/2013-05/84489.htm> mainly<https://www.cnblogs.com/clicli/p/5866390.html> secondly

2.1) download zip apache-maven-3.0.5-bin.zip <http://maven.apache.org/download.cgi>2.2) Unzip Right-click to select extract to / user 2.3) reference a. execute # vi /etc/profile b. add the following lines at the end export MAVEN\_HOME=/home/homer/Apache-maven/apache-maven-3.0.5 //you own menu export PATH=${MAVEN\_HOME}/bin:${PATH} c. Press Esc first, enter the control mode，then #:wq （save and exit） d. #source /etc/profile OR #. /etc/profile Let the configuration take effect (restart) 2.4) verification Enter the command: mvn -v The output version information indicates that the installation was successful.

2.5) Error handling IF OUTPUT IS Picked up \_JAVA\_OPTIONS: -Dawt.useSystemAAFontSettings=gasp<http://blog.csdn.net/qq_23191031/article/details/51049684> IF OUTPUT IS Exception in thread "main" java.lang.UnsupportedClassVersionError: org/apac he/maven/cli/MavenCli : Unsupported major.minor version 51.0<https://jingyan.baidu.com/article/75ab0bcbce5c27d6864db2ef.html> OR<https://zhidao.baidu.com/question/262059006101736125.html>

1. install Miniment <http://mininet.org/download/#option-1-mininet-vm-installation-easy-recommended>
2. install Controller, openflowplugin and openflowjava<https://www.cnblogs.com/liwei33/p/5940366.html>

Originally, our system JDK is 1.6, maven is 3.0.5 。It cannot meet the requirements of OpenDaylight, so in order to successfully install OpenDaylight, we choose to build programming environment from 0. Result:

Jdk：1.8.0\_144 Maven: 3.5.2 Linux：4.9.0-deepin9-amd64