**Jakob Roberts - V00484900 - SENG 371 - Lab 2**

**1 - How would you modify the instructions so that the drug ref data pull occurs while you are performing the rest of the build tasks?**

After the updates and installation of the required dependencies (SQL, tomcat, lynx), the drugref step could be completed at the same time as the Catalina and Oscar configurations happen.

**2 - How would you modify the mvn build script to guarantee the success running of the unit tests - ASSUMING THE UNIT TESTS WOULD PASS SHOULD PRECONDITIONS BE SATISFIED**

I would download the database first before running the “*mvn -Dmaven.test.skip=true package*” so that it wouldn’t have to skip anything and all the unit tests could happen. Another option would be to run the unit tests again after everything is completed to see if there are different results than before.

the default user is oscardoc

password mac2002

pin 1117

1 apt-get install dkms

2 sudo apt-get install dkms

3 apt-get install -y build-essentials

4 sudo apt-get install -y build-essentials

5 apt-get install -y linux-headers-generic

6 sudo apt-get install -y linux-headers-generic

7 sudo apt-get install -y linux-headers-amd64

8 sudo apt-get install -y linux-headers-amd64Debian

9 apt-get install -y git

10 sudo apt-get install -y git

11 sudo apt-get remove git

12 history

13 sudo apt-get update && sudo apt-get dist-upgrade

14 sudo apt-get autoremote && sudo apt-get autoclean

15 sudo apt-get autoremove && sudo apt-get autoclean

16 sudo add-apt-repository ppa:webupd8team/java

17 sudo apt-get update && sudo apt-get install oracle-java8-installer

18 java -version

19 sudo apt-get install atom

20 sudo add-apt-repository ppa:webupd8team/atom

21 sudo apt-get update && sudo apt-get install atom

22 echo 'UseRoaming no' | sudo tee -a /etc/ssh/ssh\_config

23 cat /etc/ssh/ssh\_config

24 sudo apt-get install vim git maven

25 sudo apt-get install mysql-server libmysql-java tomcat7 oracle-java6-installer oracle-java7-installer

26 java -version

27 sudo update-alternatives --config java

28 java -version

29 cd /etc/environment

30 cd /etc

31 ls

32 sudo vim environment

33 source /etc/environment

34 echo $JAVA\_HOME

35 sudo vim environment

36 source /etc/environment && echo $JAVA\_HOME

37 sudo vim /etc/default/tomcat7

38 ssh-keygen -t rsa -C "jakob.m.roberts@gmail.com"

39 ls

40 cd ~/.ssh/

41 ls

42 cat id\_rsa

43 ls

44 var id\_rsa.pub

45 cat id\_rsa.pub

46 ssh -p 29418 vealor@gerrit.seng.uvic.ca

47 ssh -p 29418 Vealor@gerrit.seng.uvic.ca

48 ls

49 cd ~

50 ls

51 git clone ssh://Vealor@gerrit.seng.uvic.ca:29418/seng371/oscar.git

52 ls

53 cd oscar

54 ls

55 mvn clean

56 mvn -Dmaven.test.skip=true package

57 sudo cp target/oscar-14.0.0.SNAPSHOT.war $CATALINA\_BASE/webapps/oscar15.war

58 ls

59 cd target

60 ls

61 cd ..

62 sudo cp target/oscar-14.0.0-SNAPSHOT.war $CATALINA\_BASE/webapps/oscar15.war

63 cd ..

64 git clone git://oscarmcmaster.git.sourceforge.net/gitroot/oscarmcmaster/oscar\_documents

65 cd oscar\_documents/

66 mvn -Dmaven.test.skip=true clean package

67 sudo cp target/\*.war $CATALINA\_BASE/webapps/OscarDocument.war

68 cd ~/oscar/database/mysql

69 ./createdatabase\_bc.sh root @scar2015 oscar\_mcmaster

70 ls

71 cd ~

72 sudo cp oscar/src/main/resources/oscar\_mcmaster.properties $CATALINA\_HOME/oscar15.properties

73 ls

74 cd oscar

75 ls

76 grep -rnw ./ -e "CASEMANAGEMENT"

77 ls

78 cd src/main/resources/

79 ls

80 vim oscar\_mcmaster.properties

81 cd ~

82 mysql -uroot -p@scar2015 -e 'insert into issue (code,description,role,update\_date,sortOrderId) select icd9.icd9, icd9.description, "doctor", now(), '0' from icd9;' oscar\_mcmaster

83 sudo mkdir /usr/local/temp

84 sudo chmod 666 /usr/local/temp

85 cd /usr/local/temp

86 ls

87 wget http://drugref2.googlecode.com/files/drugref.war

88 sudo mv drugref.war $CATALINA\_BASE/webapps/drugref.war

89 sudo touch $CATALINA\_HOME/drugref.properties

90 sudo vim $CATALINA\_HOME/drugref.properties

91 mysql -uroot -p@scar2015 -e "CREATE DATABASE drugref;"

92 vim oscar/src/main/resources/oscar\_mcmaster.properties

93 sudo /etc/init.d/tomcat7 restart

94 sudo apt-get install -y lynx

95 lynx http://localhost:8080/drugref/Update.jsp

96 vim oscar/src/main/resources/oscar\_mcmaster.properties

97 sudo /etc/init.d/tomcat7 restart

98 lynx http://localhost:8080/drugref/Update.jsp

99 ping localhost:8080

100 ping localhost:8080/drugref/Update.jsp

101 ping localhost

102 sudo service mysql restart

103 sudo /etc/init.d/tomcat7 restart

104 sudo /etc/init.d/tomcat7 status

105 top

106 sudo /etc/init.d/tomcat7 status

107 ps -ef |grep oscar14

108 ps -ef |grep tomcat

109 netstat -plant |grep tomcat

110 sudo netstat -plant |grep tomcat

111 sudo netstat -plant

112 ping localhost:8005/drugref/Update.jsp

113 lynx http://localhost:8005/drugref/Update.jsp

114 lynx http://localhost:8080/drugref/Update.jsp

115 lynx http://localhost:8088/drugref/Update.jsp

116 lynx http://localhost:8080/drugref/Update.jsp

117 sudo /etc/init.d/tomcat7 status

118 ps -ef |grep oscar

119 sudo /etc/init.d/tomcat7 restart

120 cd ~

121 git clone git://github.com/scoophealth/devops

122 ls

123 cd devops/

124 ls

125 cd Scripts/

126 ls

127 cp patient\_insert.sql ~

128 cd ~

129 ls

130 mysql -uroot -p oscar\_mcmaster < patient\_insert.sql;

131 history > history.txt