

Here are the steps that I got Oscar running with Netbeans IDE 7.1.1 from a clean Windows 7 64-bit installation.

Note: There are unnecessary steps and options but this was what I did to get it running. Change the path C:\Users\owner\Documents... accordingly to your username. JRebel can also be installed to save redeploying time.

Tan

tan_oscar@rocketmail.com

April 15 2012

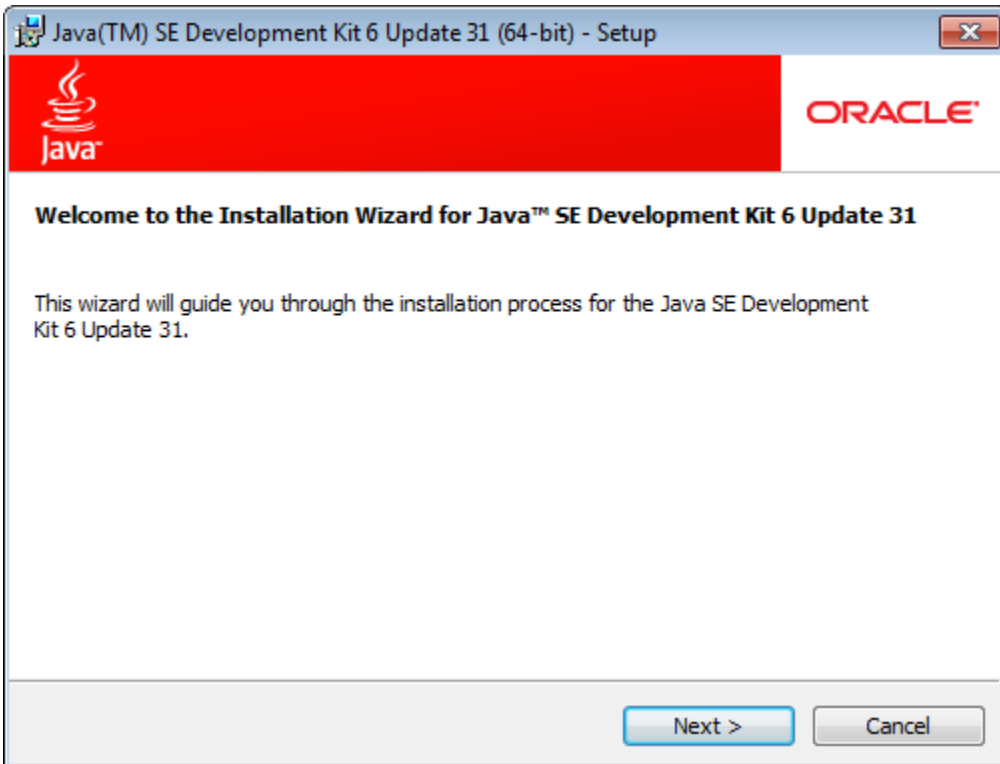
Summary

- 1) Download and install Java SE Development Kit 6 Update 31 for Windows x64 (64-bit)
- 2) Download and install MySQL Server 5.1.62 Windows (x86, 64-bit, MSI Installer)
- 3) Download and run puttygen.exe for Windows on Intel x86 to generate SSH Key.
- 4) Register an account in Gerrit <https://source.oscartools.org:8080> and add SSH Public Key.
- 5) Download NetBeans IDE 7.1.1 All from Netbeans
- 6) Edit C:\Program Files\NetBeans 7.1.1\etc\netbeans.conf to add -J-Xmx1024m -J-XX:PermSize=512m
- 7) Download and extract Apache Maven 2.2.1 (Binary zip)
- 8) Download and extract Apache Tomcat 6.0.35 Binary Distributions 64 bit Windows Zip
- 9) Set Environment Variables for CATALINA_HOME
- 10) Run NetBeans and clone repository
- 11) Other Netbeans configurations
- 12) Create database
- 13) Configure oscar.properties and run Main Project
- 14) build oscar_documents

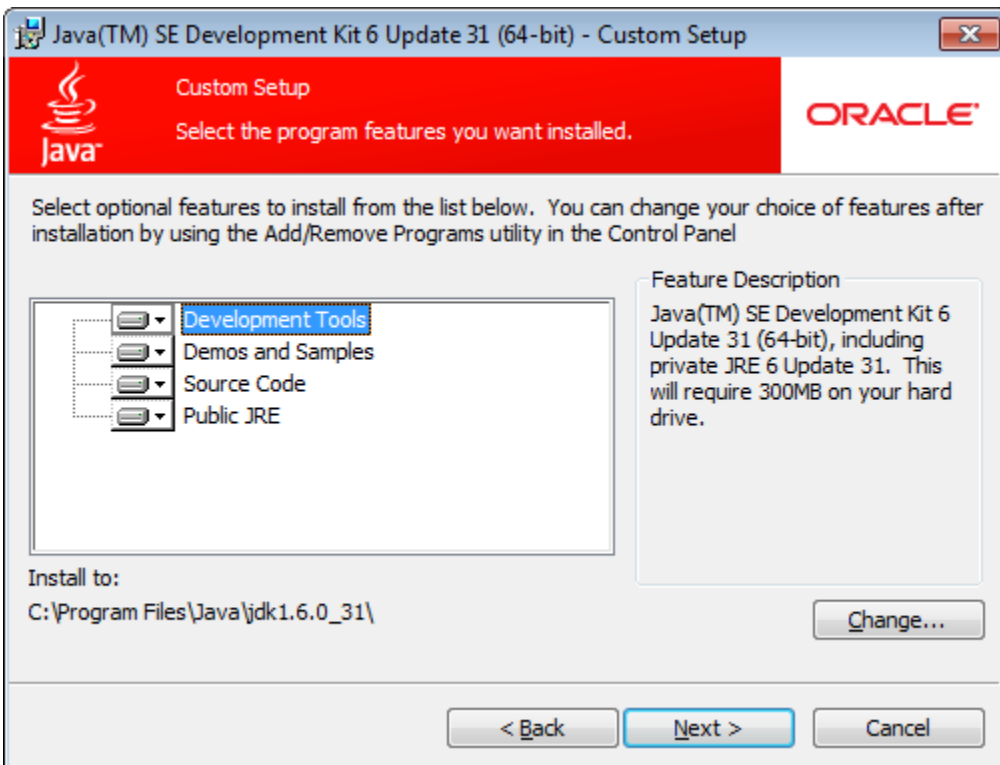
Detailed instructions

- 1) Download and install Java SE Development Kit 6 Update 31 for Windows x64 (64-bit) from Oracle <http://download.oracle.com/otn-pub/java/jdk/6u31-b05/jdk-6u31-windows-x64.exe>

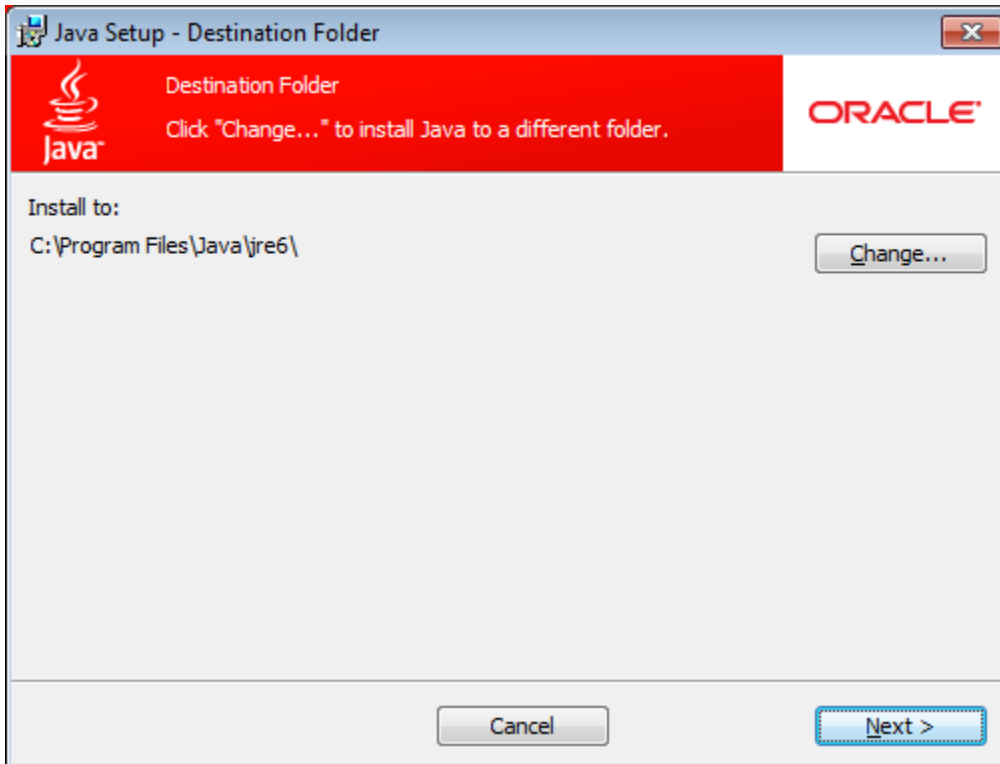
Click Next



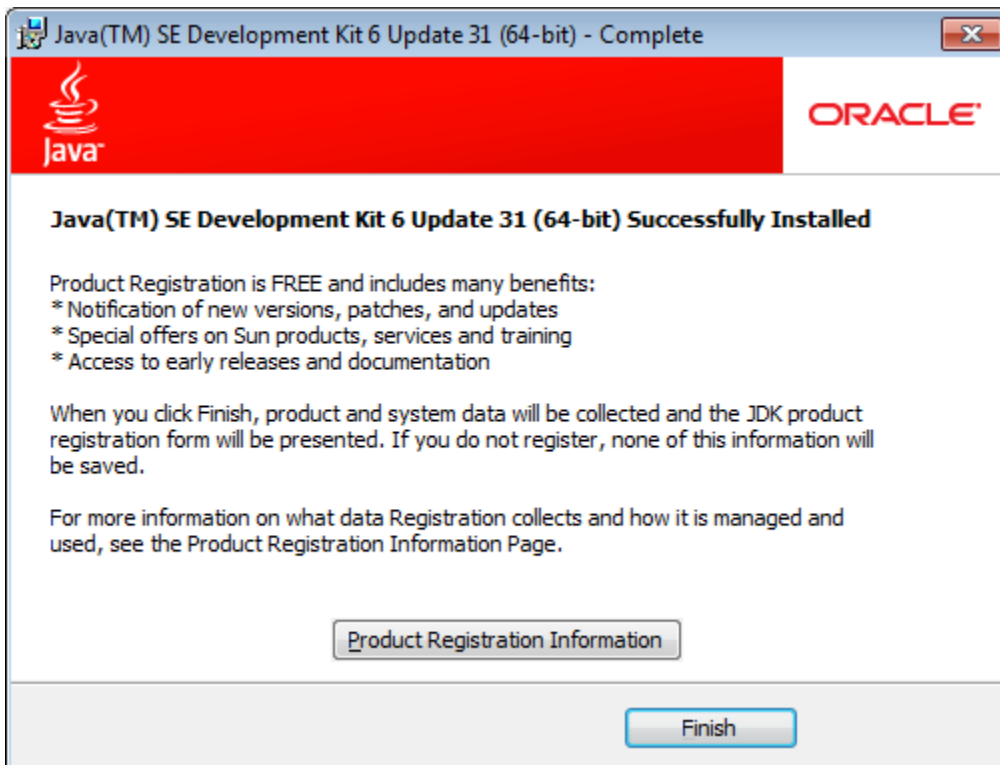
Keep the default option and path. Click Next



Click Next



Click Finish

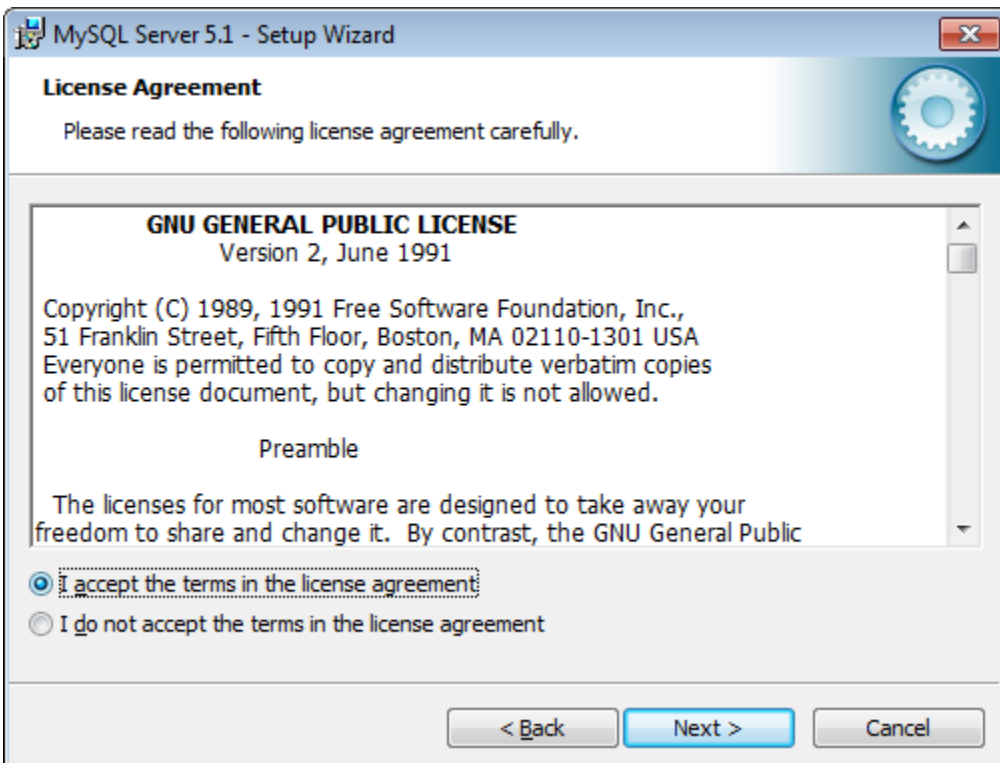


2) Download and install MySQL Server 5.1.62 Windows (x86, 64-bit, MSI Installer) from <http://www.mysql.com/downloads/>

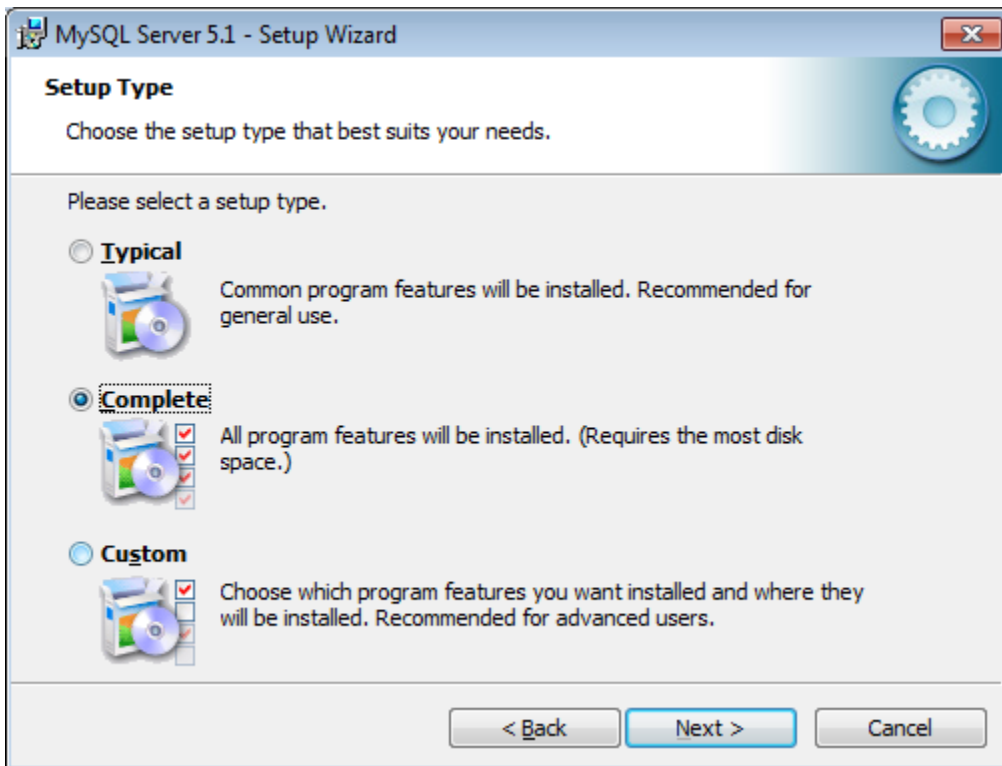
Click Next



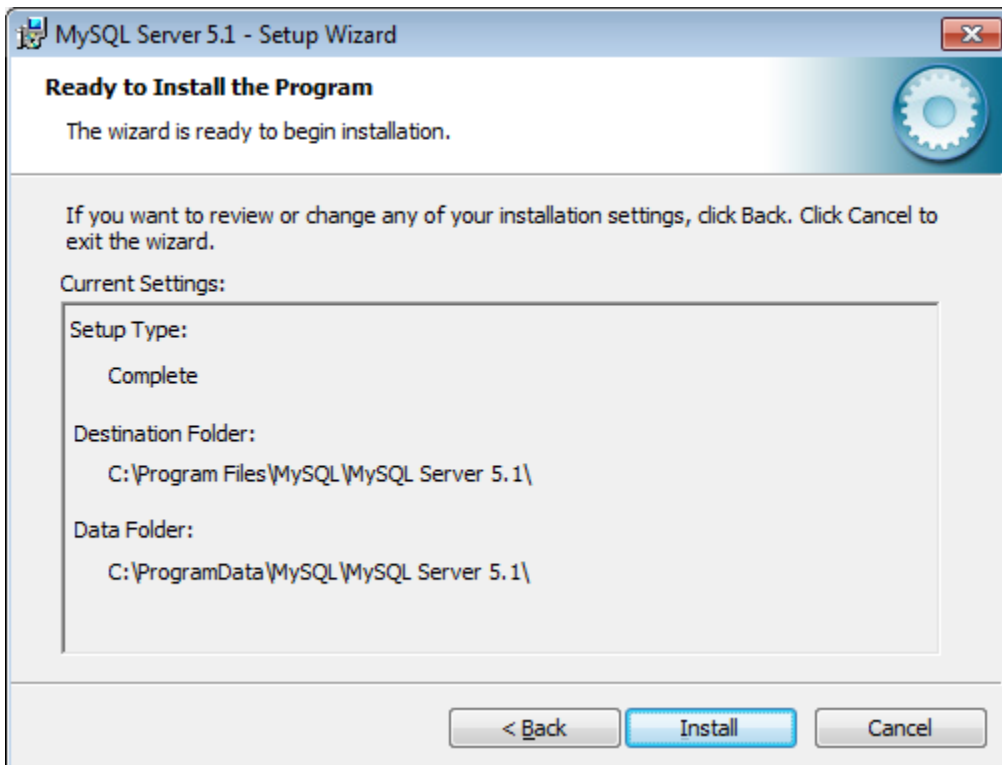
Click I accept. Click Next



Click Complete and Next




Click Install



click Next

MySQL Enterprise



Enterprise

A MySQL Enterprise subscription is the most comprehensive offering of MySQL database software, services, and support to ensure your business achieves the highest levels of reliability, security, and uptime.

An Enterprise Subscription includes:

- 1. The MySQL Enterprise Server** - The most reliable, secure, and up-to-date version of the world's most popular open source database.
- 2. MySQL Enterprise Monitor Service** - An automated virtual database assistant.
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For more information click [More...] or visit www.mysql.com/enterprise

Next >

click Next

MySQL Enterprise



Enterprise

The MySQL Enterprise Monitor Service

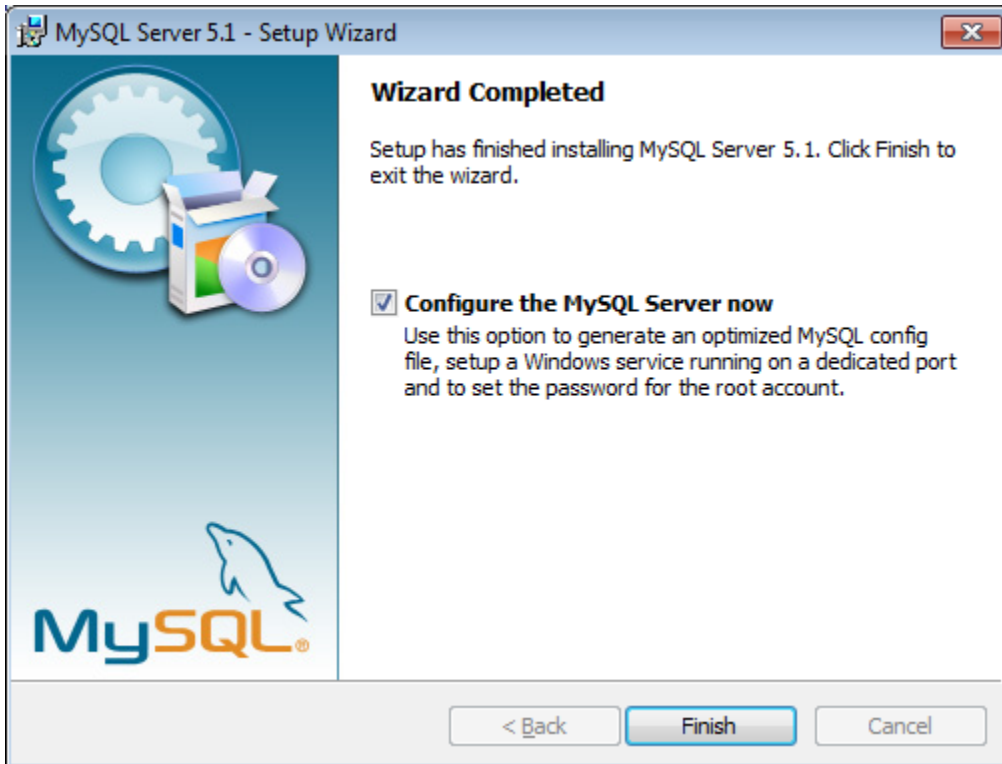
- Quickly identifies your most expensive SQL code across all your servers.
- MySQL Advisors and 125+ Best Practice Rules ensure security and performance.
- Alerts and Expert Advice on how to fix problems and tune for peak performance.



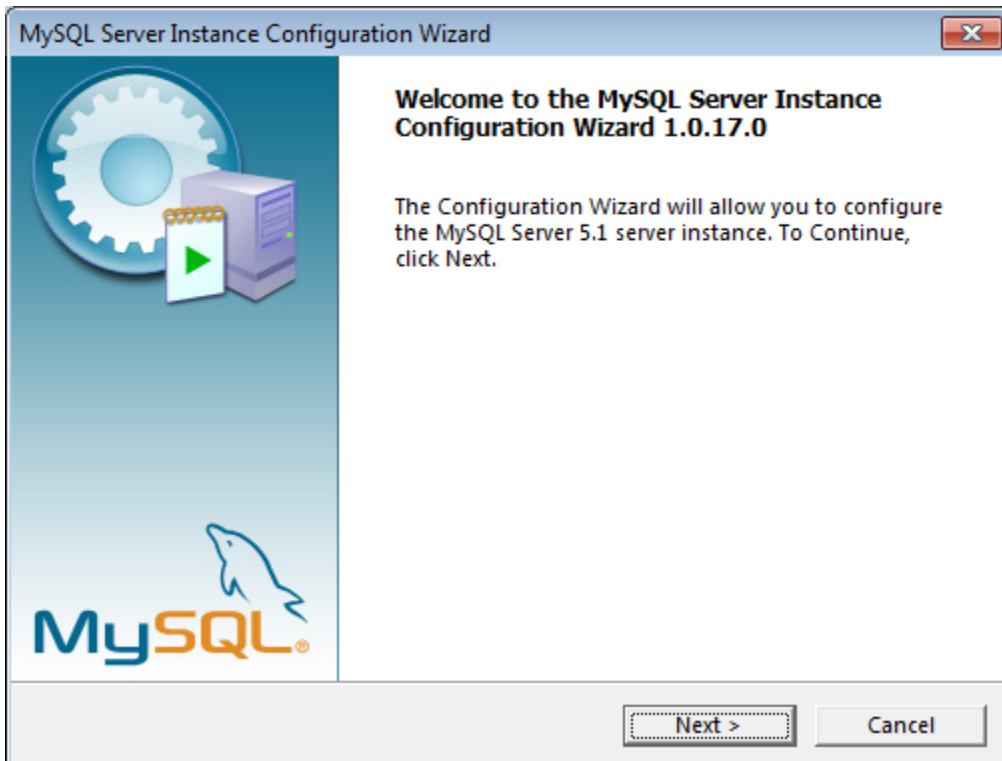
For more information click [More...] or visit www.mysql.com/enterprise

< Back Next >

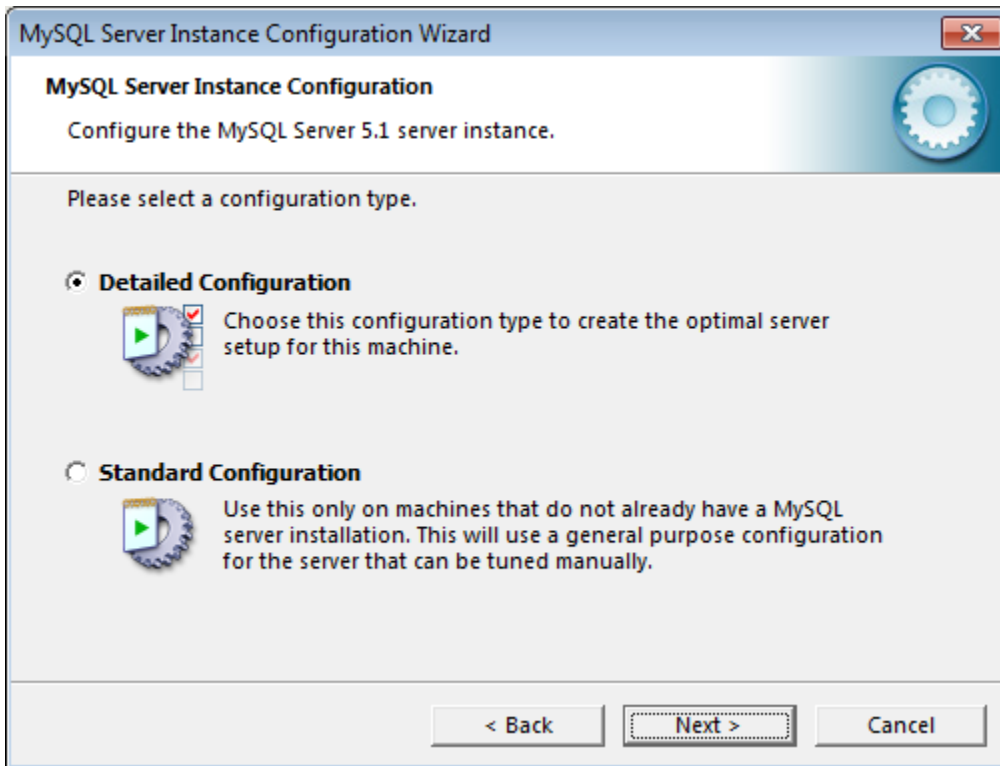
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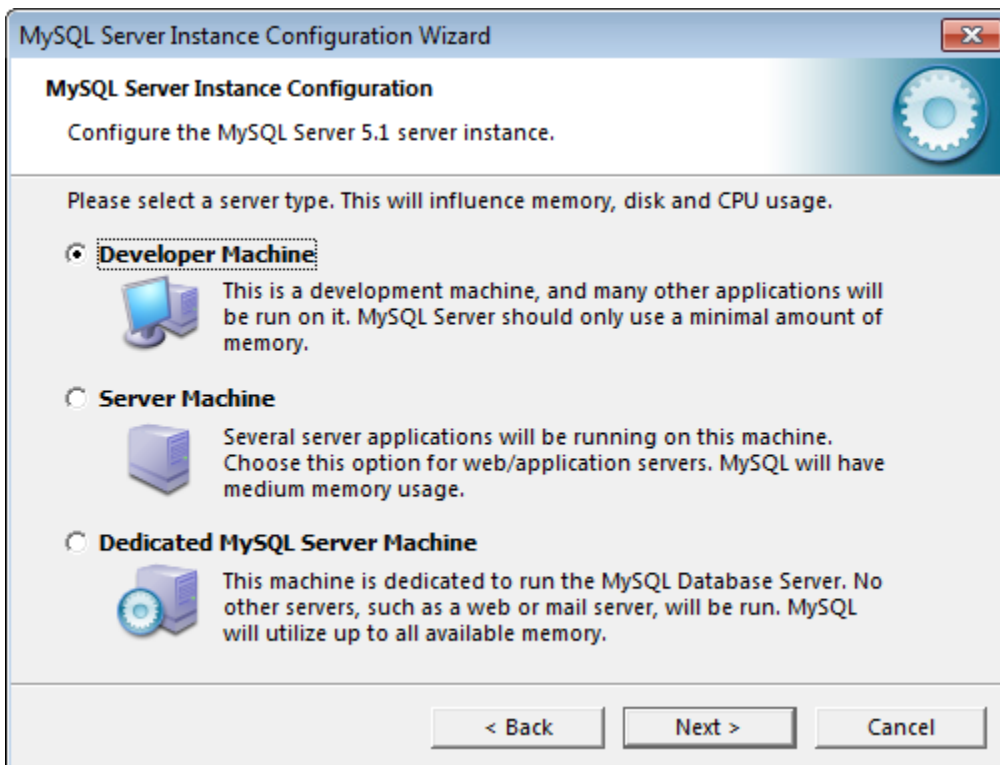
Click Next



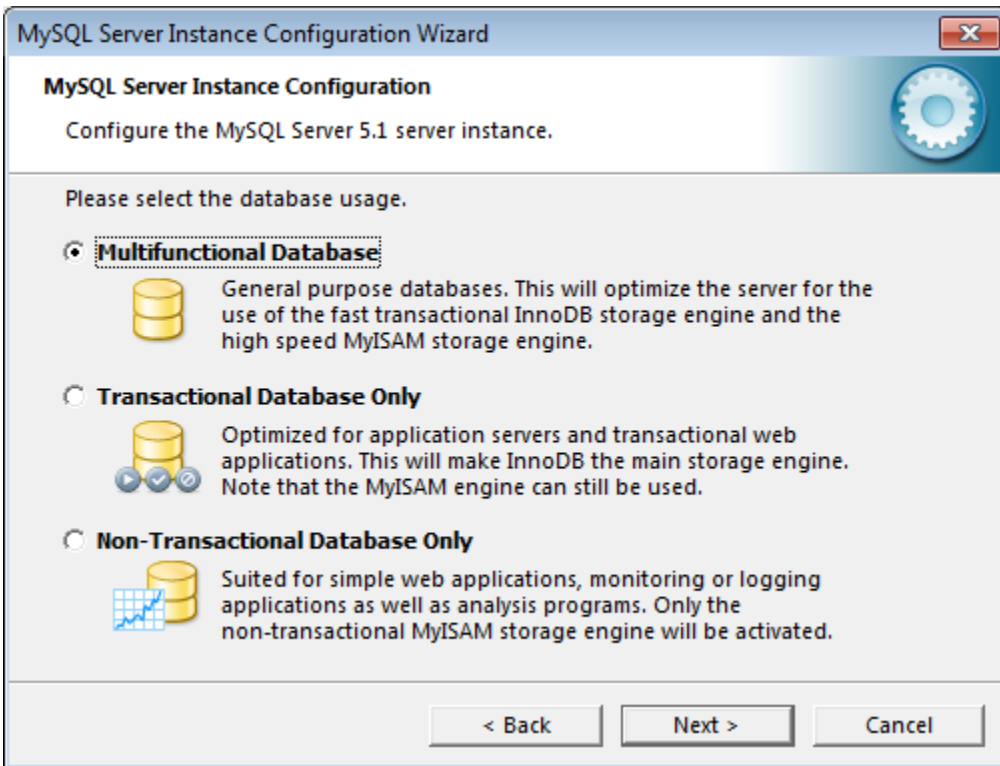
Click Next



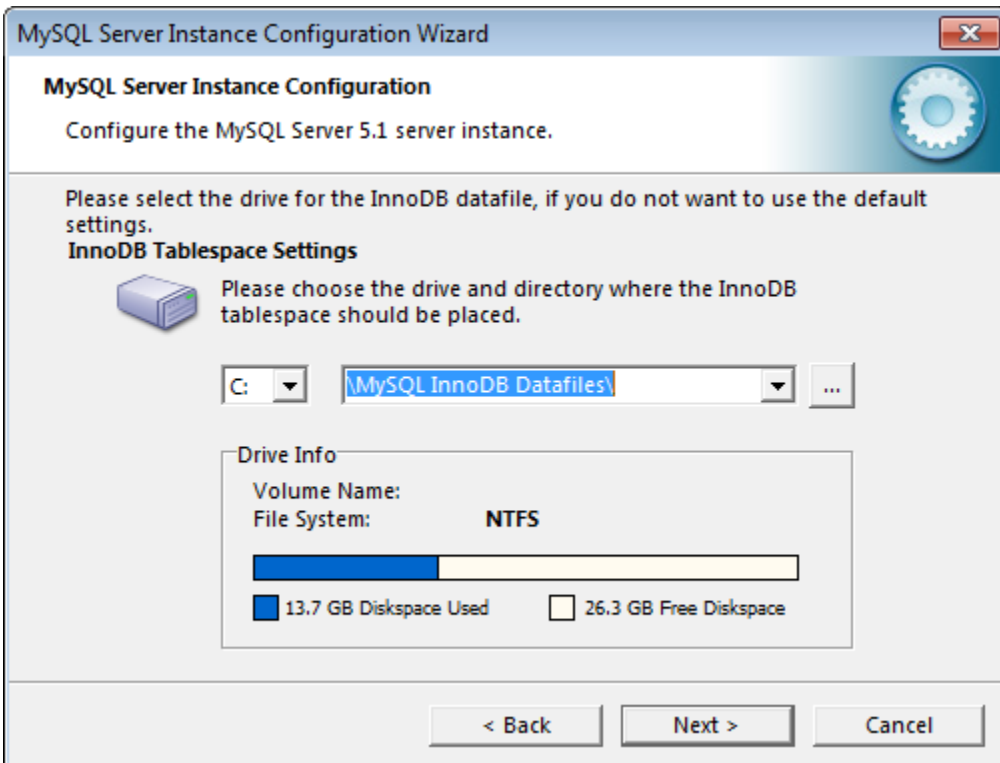
Click Next



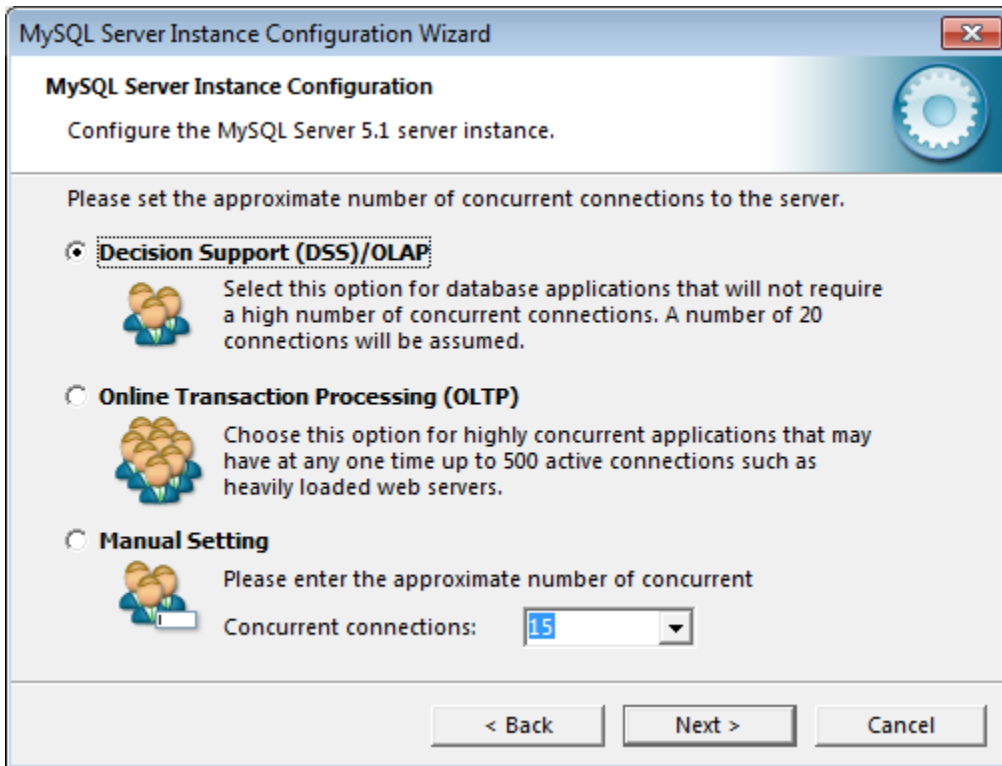
Click Next



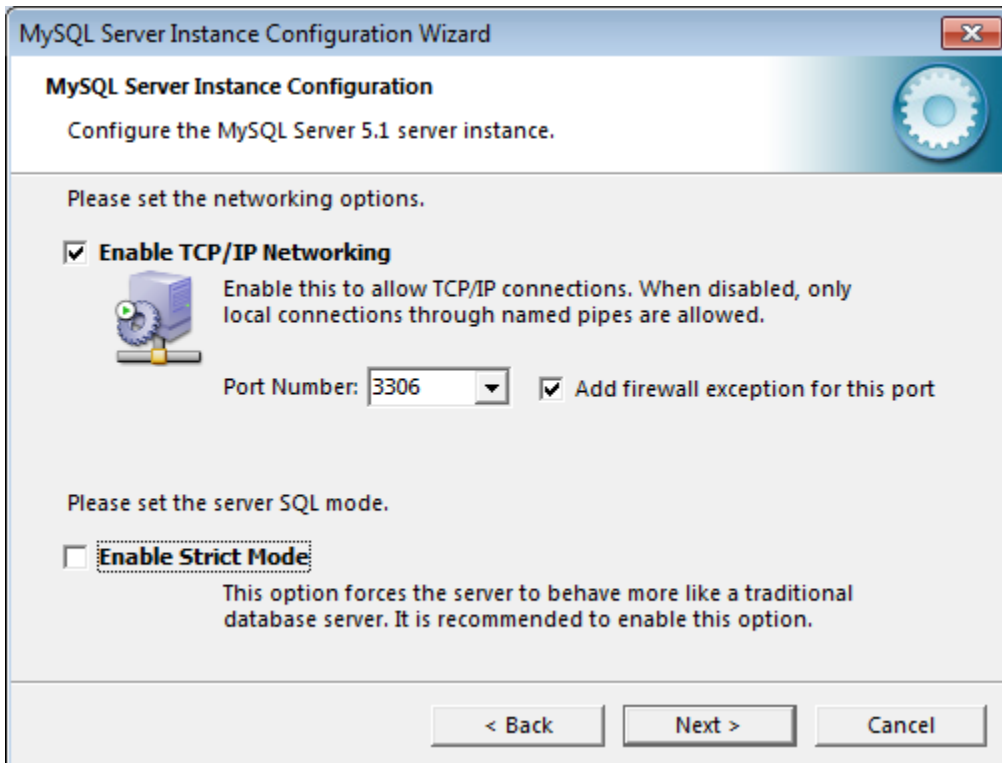
Choose the drive and directory for InnoDB Tablespace. Click Next



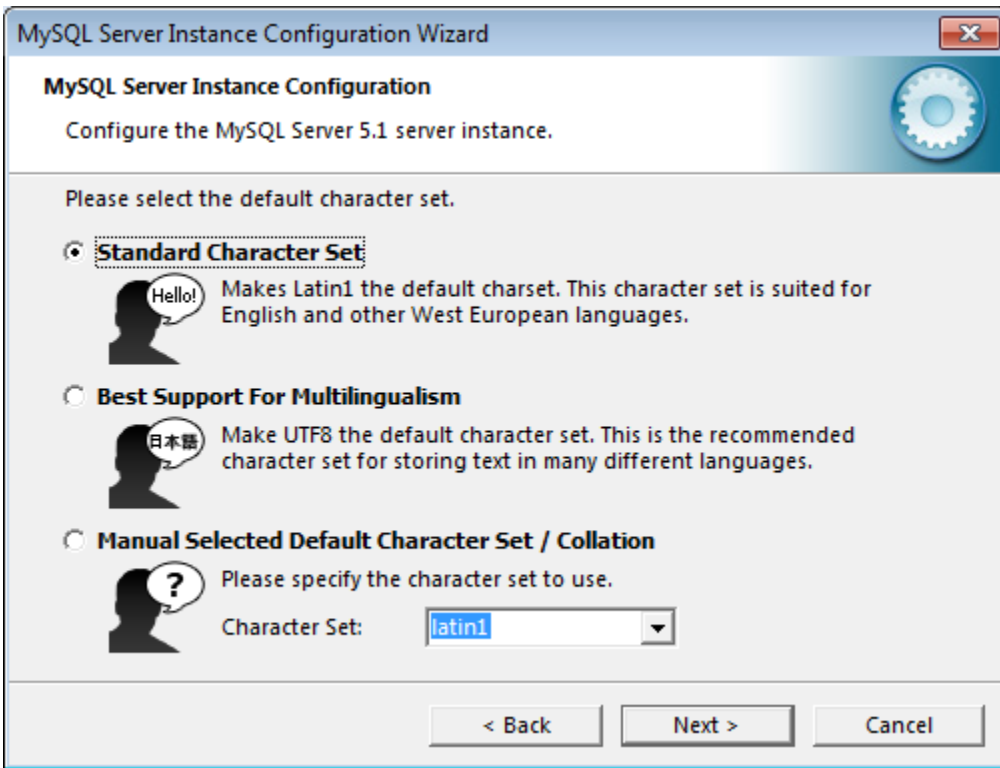
Click Next



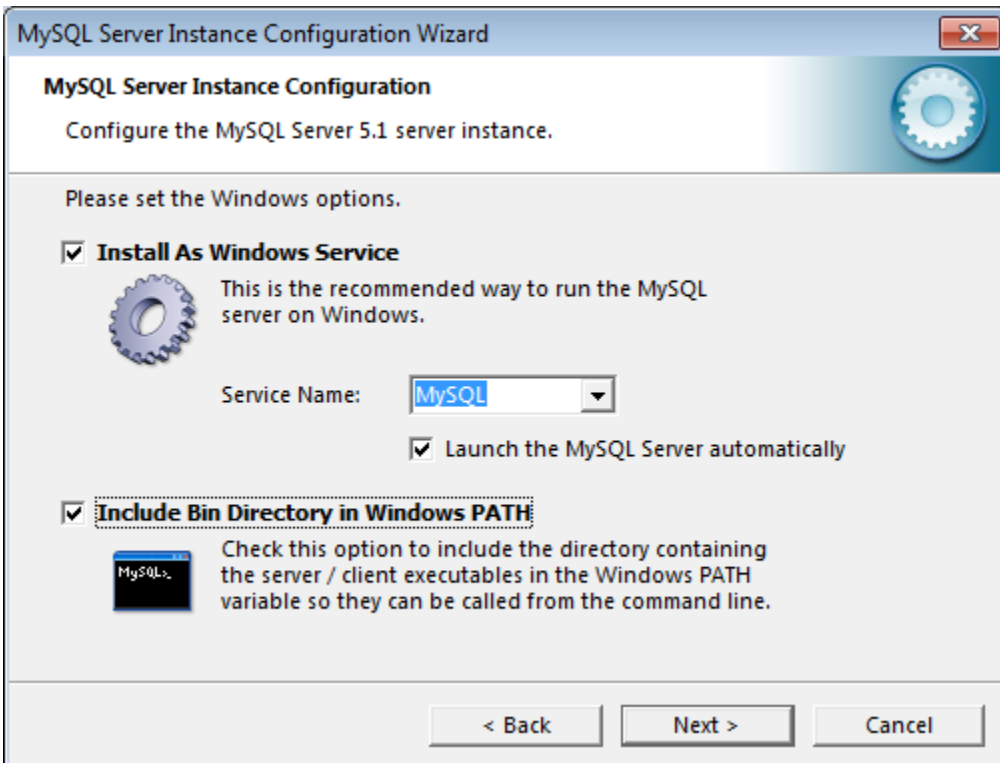
Add firewall exception. Remove Strict Mode. Click Next



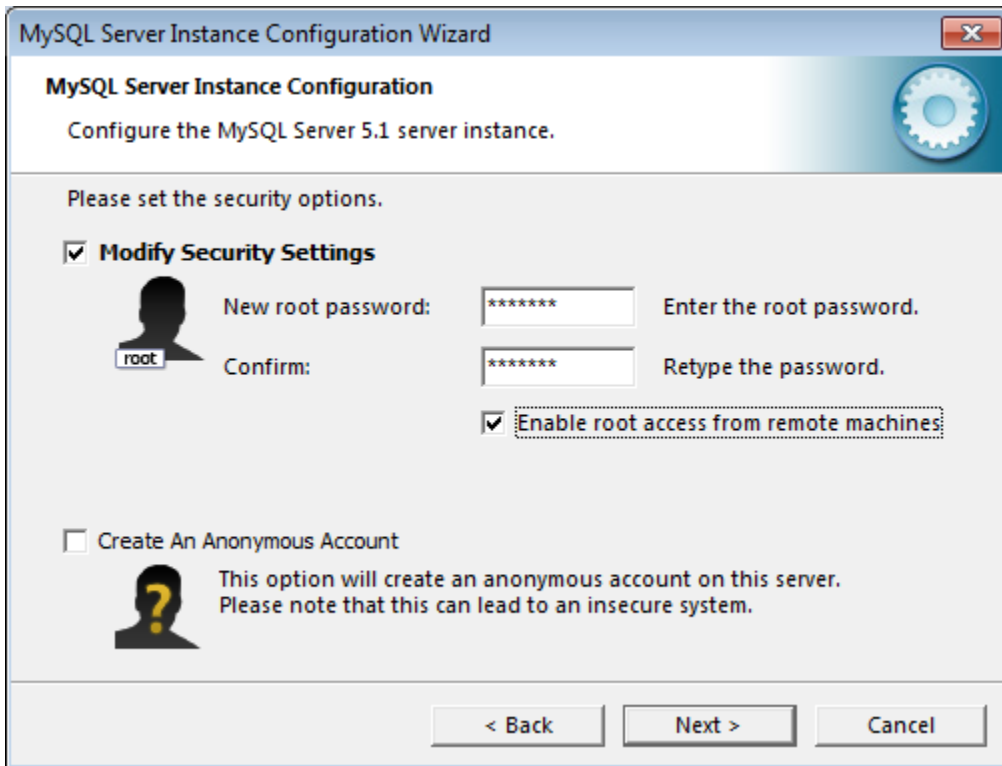
Click Next



Click Include Bin Directory in Windows PATH. Click Next.



Enter the root password. Click Enable root access from remote machines. Click Next

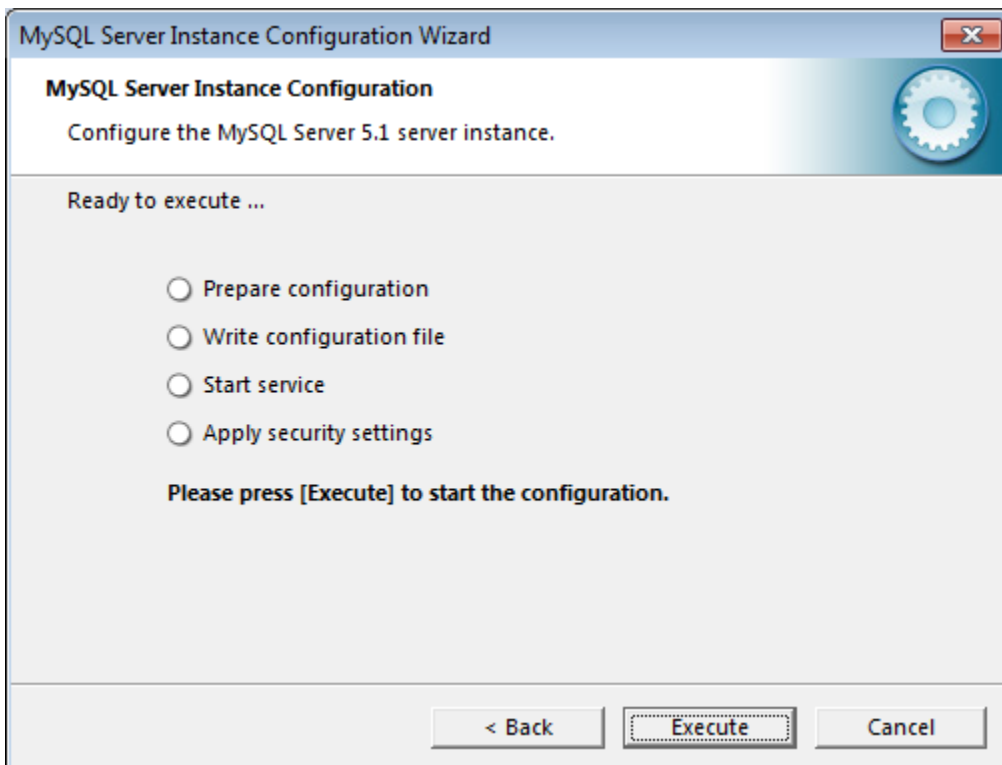


The screenshot shows the 'MySQL Server Instance Configuration Wizard' window. The title bar reads 'MySQL Server Instance Configuration Wizard'. Below the title bar, the window title is 'MySQL Server Instance Configuration' and the subtitle is 'Configure the MySQL Server 5.1 server instance.' The main content area is titled 'Please set the security options.' and contains the following elements:

- A checked checkbox labeled 'Modify Security Settings'.
- A user icon labeled 'root' next to the 'New root password:' label, with a text input field containing '*****' and the instruction 'Enter the root password.'
- A 'Confirm:' label next to another text input field containing '*****' and the instruction 'Retype the password.'
- A checked checkbox labeled 'Enable root access from remote machines'.
- An unchecked checkbox labeled 'Create An Anonymous Account'.
- A warning icon (a person with a question mark) and the text: 'This option will create an anonymous account on this server. Please note that this can lead to an insecure system.'

At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Click Execute

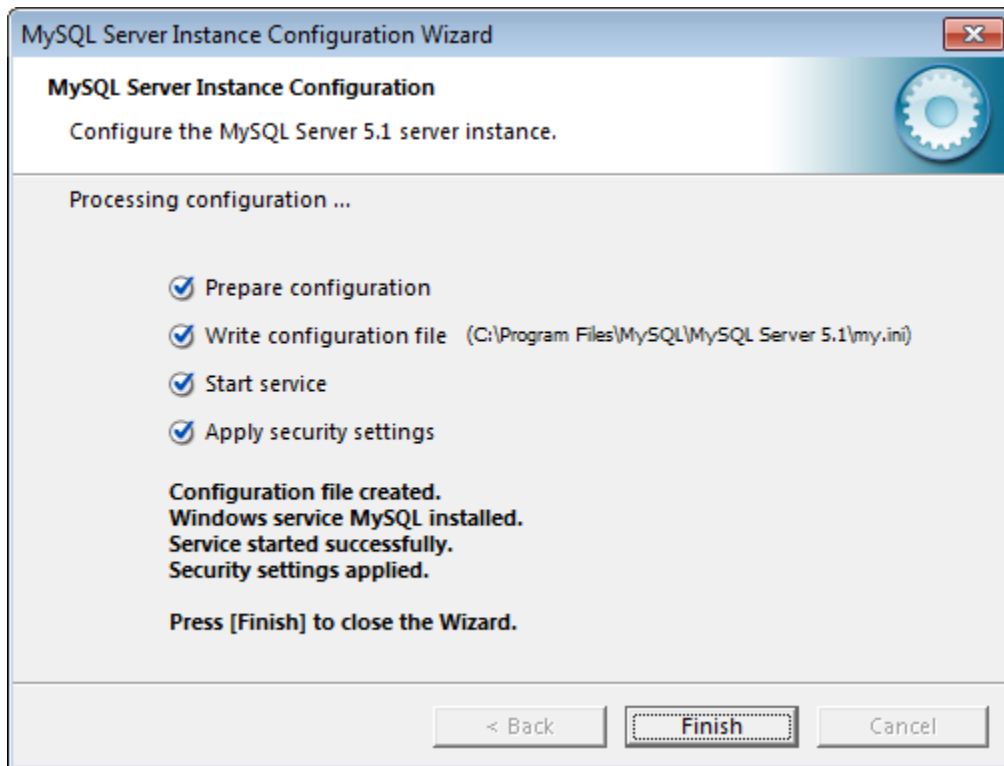


The screenshot shows the 'MySQL Server Instance Configuration Wizard' window at the 'Ready to execute ...' step. The title bar reads 'MySQL Server Instance Configuration Wizard'. Below the title bar, the window title is 'MySQL Server Instance Configuration' and the subtitle is 'Configure the MySQL Server 5.1 server instance.' The main content area contains the following elements:

- The text 'Ready to execute ...'.
- Four radio button options: 'Prepare configuration', 'Write configuration file', 'Start service', and 'Apply security settings'.
- The instruction: 'Please press [Execute] to start the configuration.'

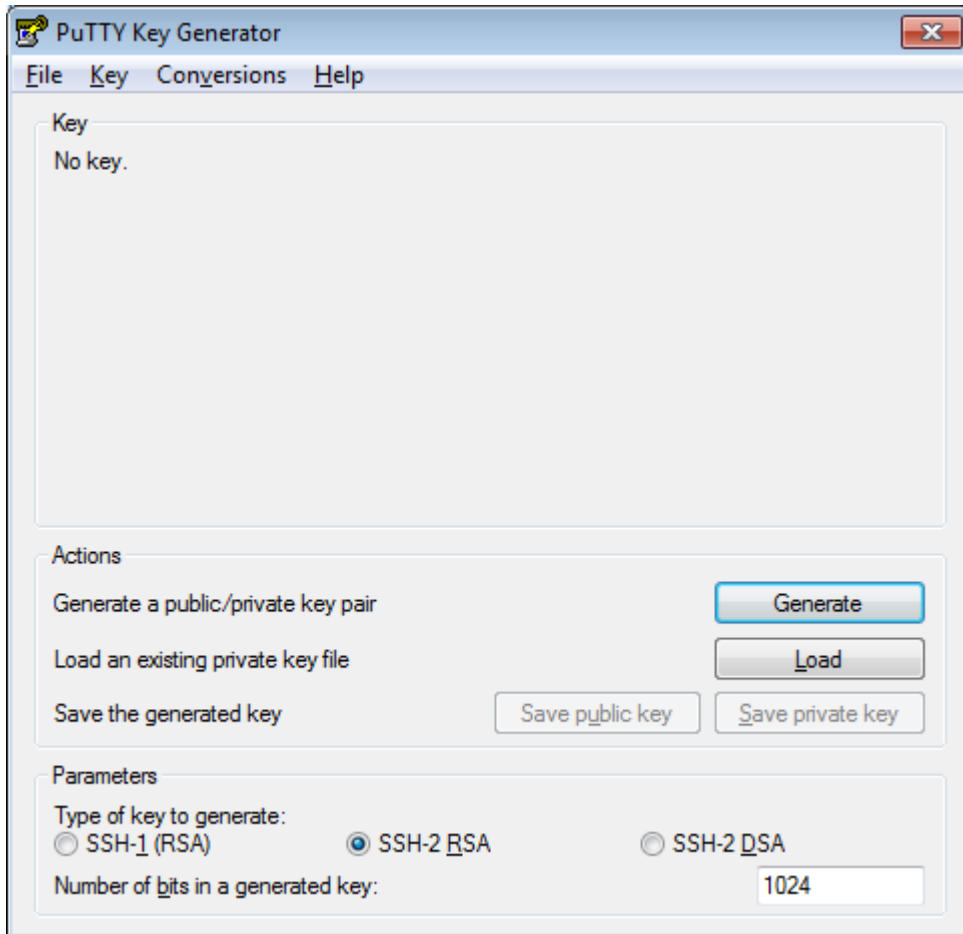
At the bottom of the window, there are three buttons: '< Back', 'Execute', and 'Cancel'.

Click Finish

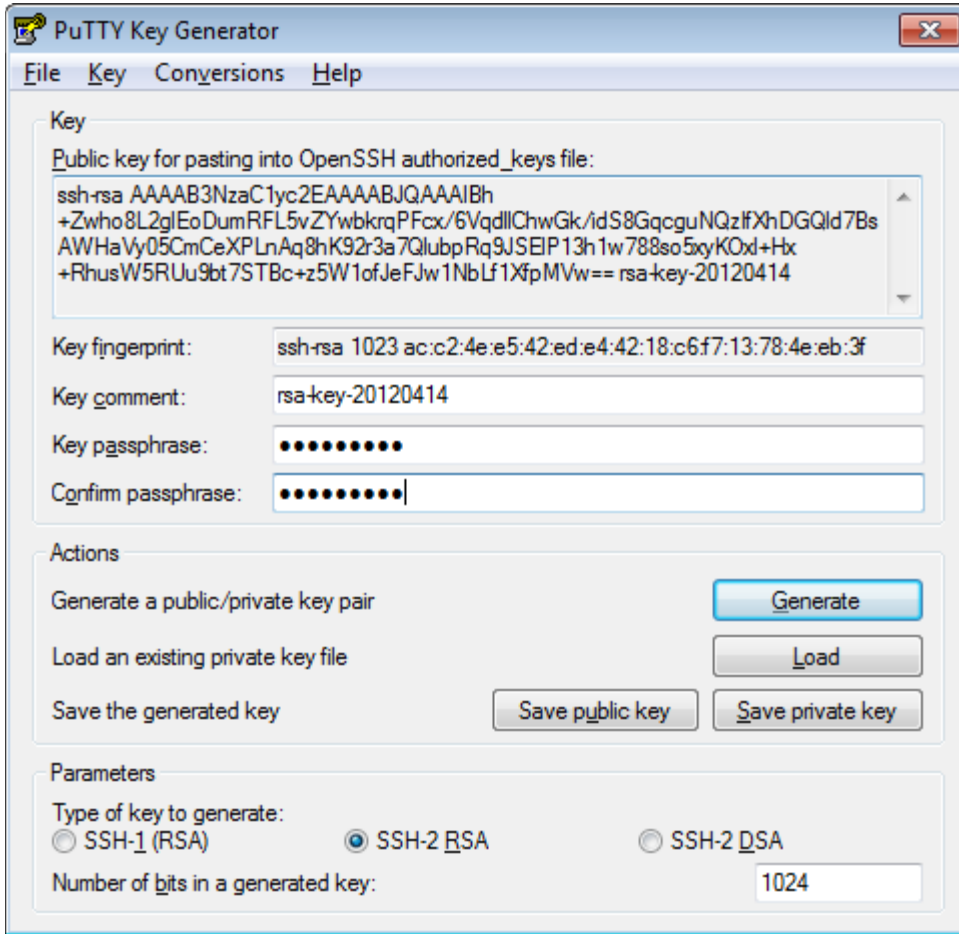


3) Download and run puttygen.exe for Windows on Intel x86 from <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>.

Click Generate



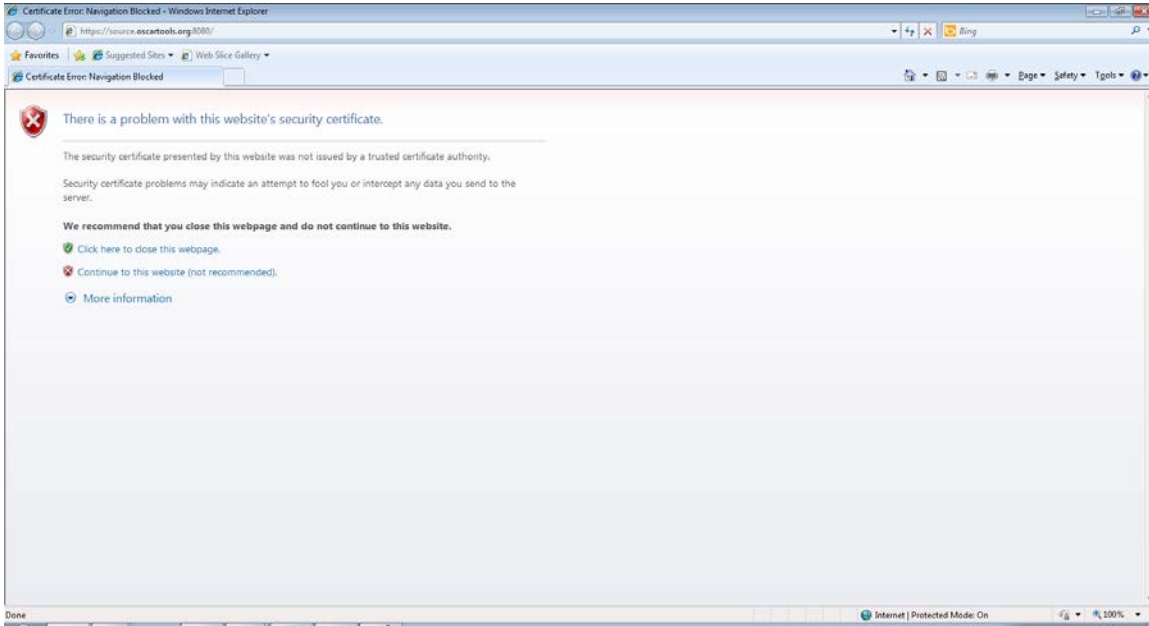
Create a Key passphrase. Confirm passphrase. Click Save private key



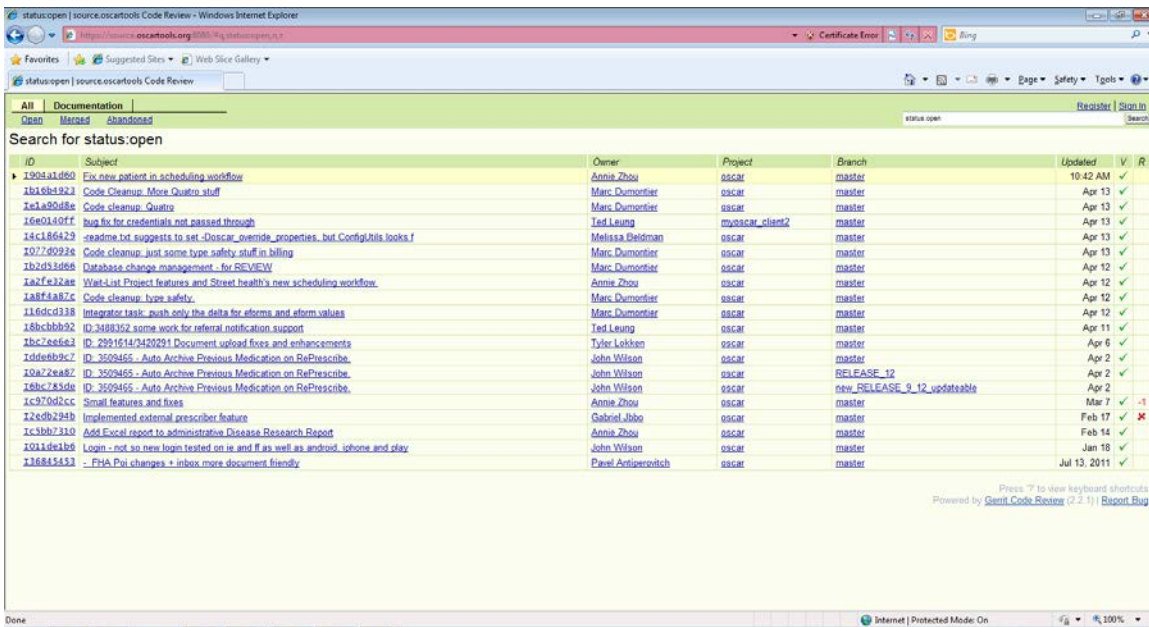
Do not close the Putty Key Generator

4) Register an account in Gerrit <https://source.oscartools.org:8080>

Click Continue



Click Register



Click Register with a Yahoo! ID

The screenshot shows the source.oscartools.org website in Internet Explorer. A modal dialog titled "Code Review - Register New Account" is open, featuring the OpenID logo and registration options. The background shows a table of code review items.

ID	Subject	Owner	Project	Branch	Updated	V	R
1904a1d60	Fix new patient in scheduling workflow	Annie Zhou	oscar	master	10:42 AM	✓	
1b16b4923	Code Cleanup: More Quatro stuff	Marc Dumontier	oscar	master	Apr 13	✓	
7c1a20d8e	Code cleanup: Quatro	Marc Dumontier	oscar	master	Apr 13	✓	
16e0140ff	bug fix for credentials not passed through			master	Apr 13	✓	
14c186429	readme.txt suggests to set _Docker_override_properties_but Config/Nils			master	Apr 13	✓	
107740926	Code cleanup: just some type safety stuff in billing			master	Apr 13	✓	
1b2d33d68	Database change management - for REVIEW			master	Apr 12	✓	
1a2fc324e	Wait-List Project features and Street health's new scheduling workflow			master	Apr 12	✓	
1a8f487c	Code cleanup: type safety			master	Apr 12	✓	
1166c0338	integrator task - push only the delta for forms and form values			master	Apr 12	✓	
186c1bb52	ID-308052 some work for referral notification support			master	Apr 11	✓	
1bc2a6543	ID: 2991814740291 Document upload flows and enhancements			master	Apr 6	✓	
1d6de8b27	ID: 3699455 - Auto Archive Previous Medication on RePrescribe			master	Apr 2	✓	
10a72ea87	ID: 3699455 - Auto Archive Previous Medication on RePrescribe			master	Apr 2	✓	
16bc785d6	ID: 3699455 - Auto Archive Previous Medication on RePrescribe			master	Apr 2	✓	
1c970d2cc	Small features and fixes			master	Mar 7	✓	-1
1280d291b	Implemented external prescriber feature			master	Feb 17	✓	✗
1c1bb7310	Add Excel report to administrative Disease Research Report			master	Feb 14	✓	
1011de1b8	Login - not so new login tested on ie and ff as well as android, iphone and			master	Jan 18	✓	
116845433	- FHA Pw changes + inbox more document friendly			master	Jul 13, 2011	✓	

Code Review - Register New Account

Register with Gerrit Code Review at source.oscartools.org

Register Close

Remember Me

[Register with a Google Account](#)

[Register with a Yahoo! ID](#)

What is OpenID?

OpenID provides secure single-sign-on, without revealing your passwords to this website. There are many OpenID providers available. You may already be member of one!

[Get OpenID](#)

Enter your ID and Sign In

The screenshot shows the Yahoo! sign-in page for source.oscartools.org. The page includes the Yahoo! logo, the site name, and a sign-in form with fields for Yahoo ID and password, along with a "Sign In" button.

source.oscartools.org

Sign in to source.oscartools.org with your Yahoo! ID

Sign in to Yahoo!

Are you protected? Create your sign-in seal (Why?)

Yahoo! ID
[text input]
i.e. real2myname@yahoo.com

Password
[password input]

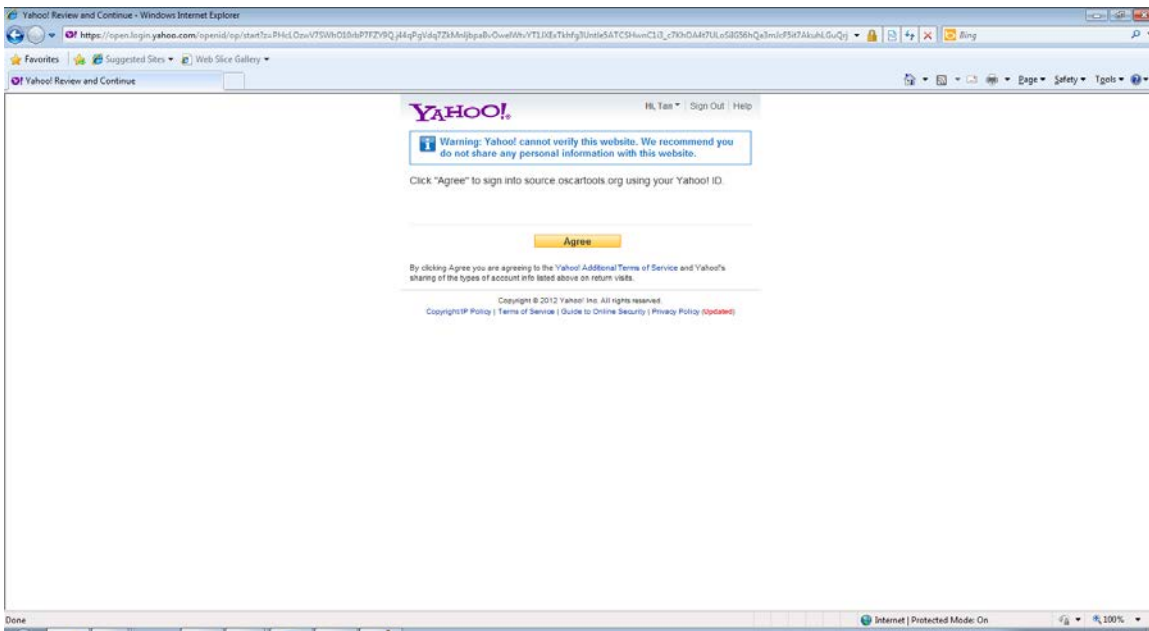
Keep me signed in (Uncheck if on a shared computer)

[Sign In](#)

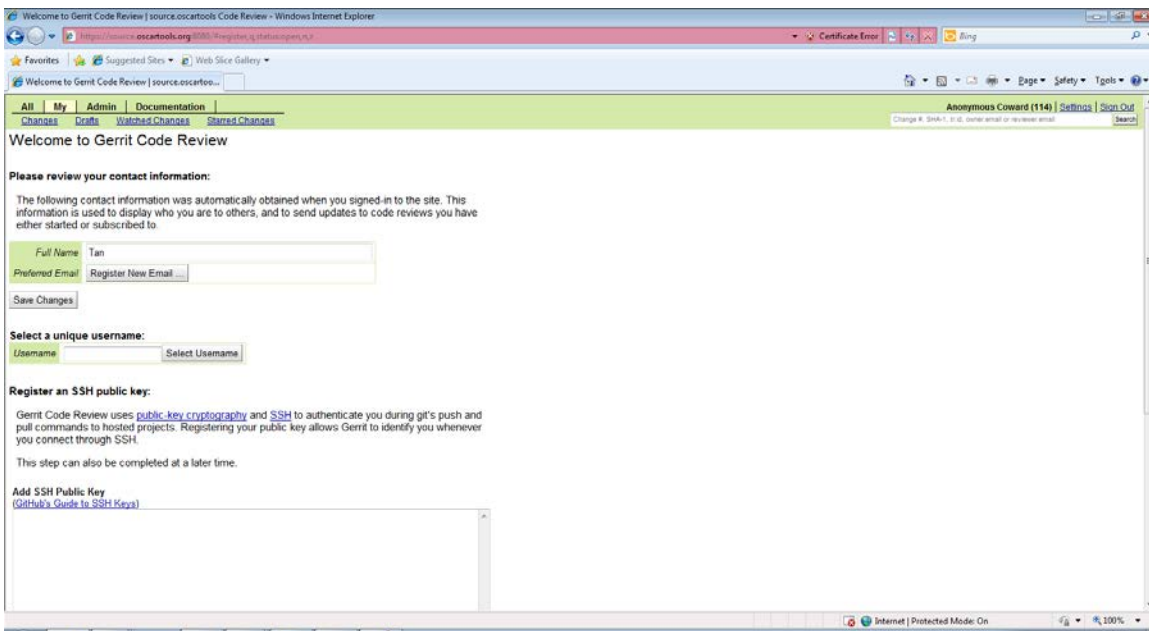
[I can't access my account](#)

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[Copyright/UP Policy](#) | [Terms of Service](#) | [Guide to Online Security](#) | [Privacy Policy](#)

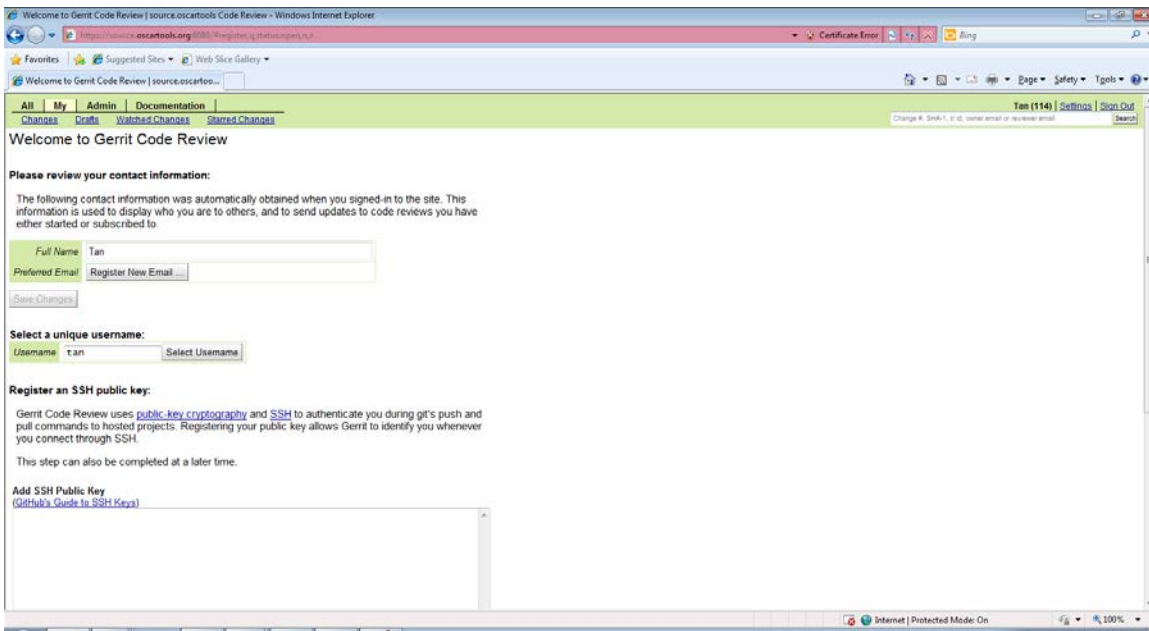
Click Agree



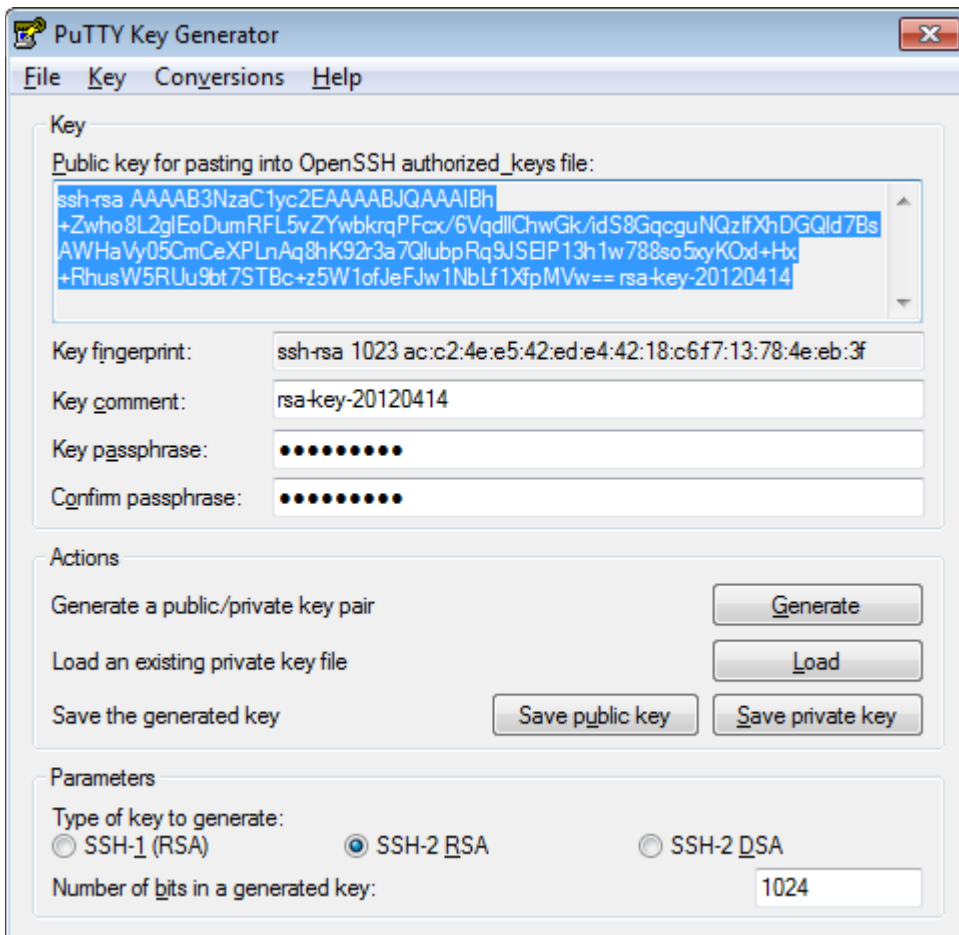
Enter Full Name. Click Save Changes



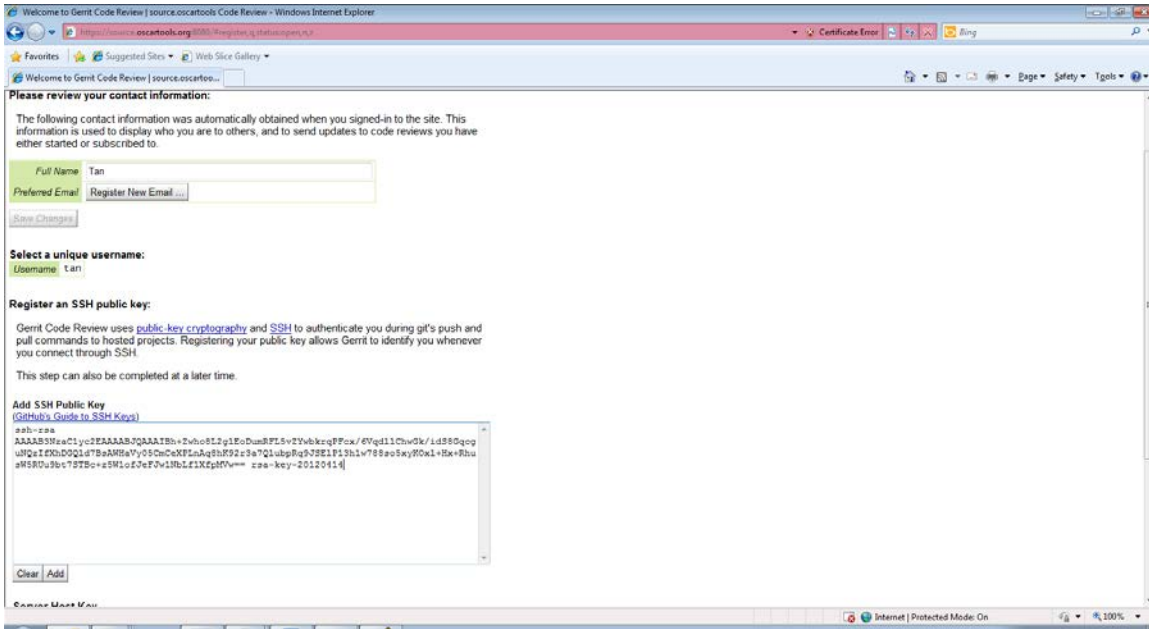
Enter username. Click Select Username



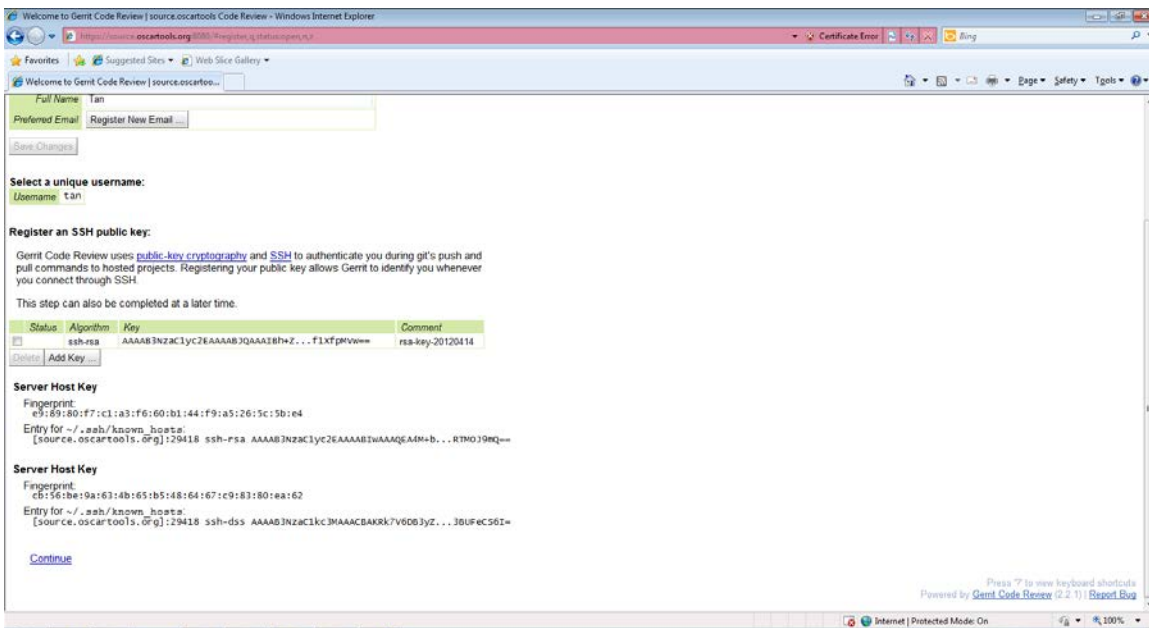
Copy (Alt-C) to clipboard the Public key



Paste the public key (under ADD SSH Public Key). Click Add



Click Continue



Click Sign Out

The screenshot shows a web browser displaying the 'sourceoscartools Code Review' application. The page has a search bar at the top and a table of review items below. The table columns are ID, Subject, Owner, Project, Branch, Updated, and V. R. The 'Sign Out' link is visible in the top right corner.

ID	Subject	Owner	Project	Branch	Updated	V	R
14f49a880	Code Cleanup - Converted from hibemate to JPA	Marc Dumontier	oscar	master	12:18 PM		
1901a1d60	Fix new patient in scheduling workflow	Annie Zhou	oscar	master	10:42 AM	✓	
1b16b1923	Code Cleanup - Misc Quatro stuff	Marc Dumontier	oscar	master	Apr 13	✓	
1e1a90d8e	Code cleanup - Quatro	Marc Dumontier	oscar	master	Apr 13	✓	
16e0140ff	bug fix for credentials not passed through	Ted Leung	mposcar_client2	master	Apr 13	✓	
14c186129	readme.txt suggests to set _Docker_override_properties, but ConfigUtils looks f	Melissa Feldman	oscar	master	Apr 13	✓	
10776093e	Code cleanup - just some type safety stuff in billing	Marc Dumontier	oscar	master	Apr 13	✓	
1b2453386	Database change management - for REVIEW	Marc Dumontier	oscar	master	Apr 12	✓	
1a21a32ae	Wait-List Project features and Street health's new scheduling workflow	Annie Zhou	oscar	master	Apr 12	✓	
1a8f4a87c	Code cleanup - type safety.	Marc Dumontier	oscar	master	Apr 12	✓	
116dcd328	Integrator task: push into the delta for forms and form values	Marc Dumontier	oscar	master	Apr 12	✓	
18bc1bb92	ID: 3488362 - some work for referral notification support	Ted Leung	oscar	master	Apr 11	✓	
1bc7ee6e1	ID: 2991614/340091 Document upload fixes and enhancements	Tyler Lekken	oscar	master	Apr 6	✓	
1d4de69c2	ID: 3509465 - Auto Archive Previous Medication on RePrescribe	John Wilson	oscar	master	Apr 2	✓	
10a72ea87	ID: 3509465 - Auto Archive Previous Medication on RePrescribe	John Wilson	oscar	RELEASE_12	Apr 2	✓	
156c783de	ID: 3509465 - Auto Archive Previous Medication on RePrescribe	John Wilson	oscar	new_RELEASE_9_12_updateable	Apr 2	✓	
14970d2cc	Small features and fixes	Annie Zhou	oscar	master	Mar 7	✓	-1
12e0b294b	Implemented external prescriber feature	Gabriel Jbbo	oscar	master	Feb 17	✓	✗
1c5bb7310	Add Excel report to administrative Disease Research Report	Annie Zhou	oscar	master	Feb 14	✓	
1011de1b6	Login - not so new login tested on ie and ff as well as android, iphone and play	John Wilson	oscar	master	Jan 16	✓	
136845453	- F11A Poi changes - inbox more document friendly	Pavel Antipovitch	oscar	master	Jul 13, 2011	✓	

Click Conversions --> Export OpenSSH key. Save private key as C:\Users\owner\Documents\id_rsa_oscar"

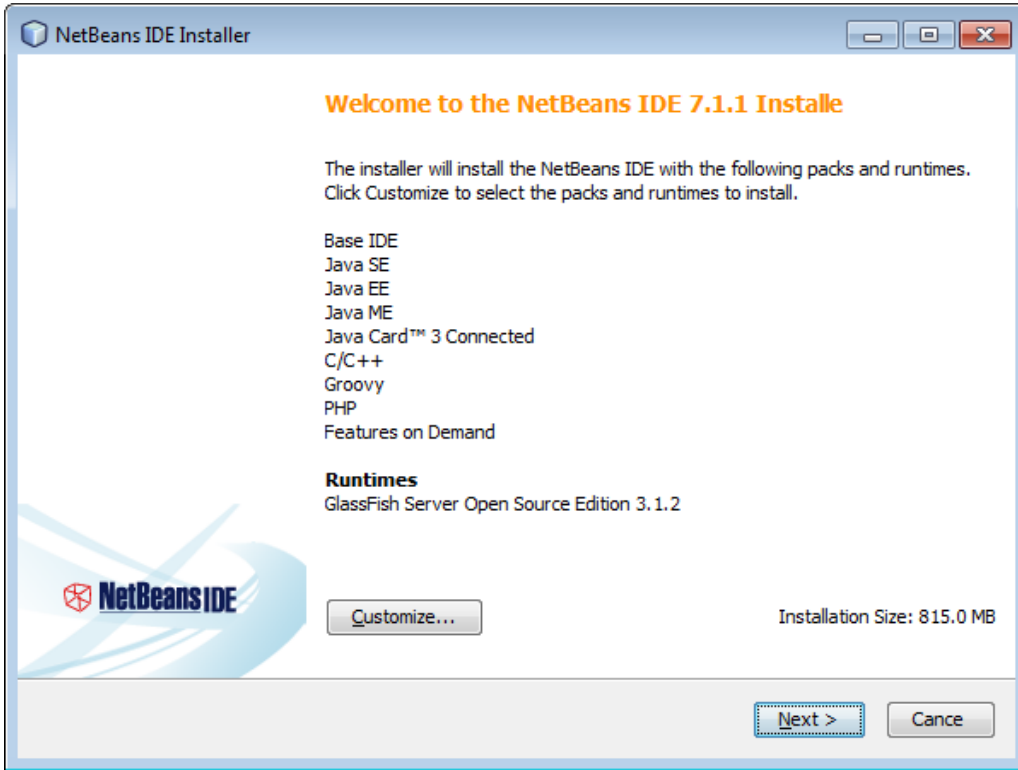
The screenshot shows the PuTTY Key Generator application with the 'Conversions' tab selected. A context menu is open over the 'Public key' field, showing options: 'Import key', 'Export OpenSSH key', and 'Export ssh.com key'. The 'Public key' field contains a long alphanumeric string. Below the key fields, there are sections for 'Key fingerprint', 'Key comment', 'Key passphrase', and 'Confirm passphrase'. At the bottom, there are 'Actions' buttons: 'Generate', 'Load', 'Save public key', and 'Save private key'. The 'Parameters' section at the bottom shows 'Type of key to generate' set to 'SSH-2 RSA' and 'Number of bits in a generated key' set to '1024'.

Close PuTTY Key Generator

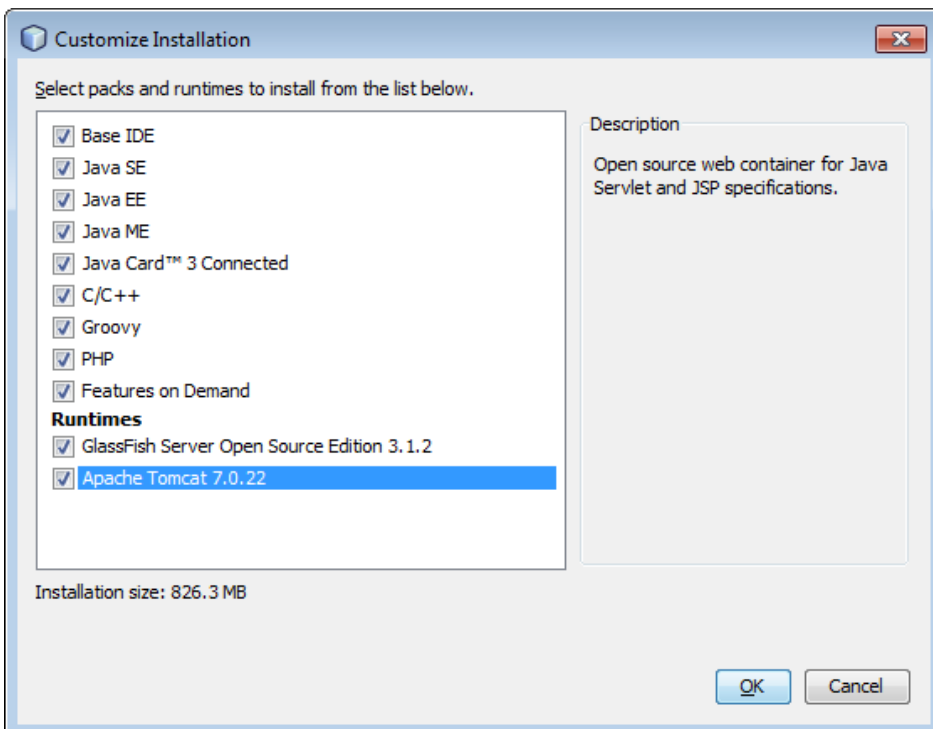
5) Download NetBeans IDE 7.1.1 All from Netbeans

<http://download.netbeans.org/netbeans/7.1.1/final/bundles/netbeans-7.1.1-ml-windows.exe>

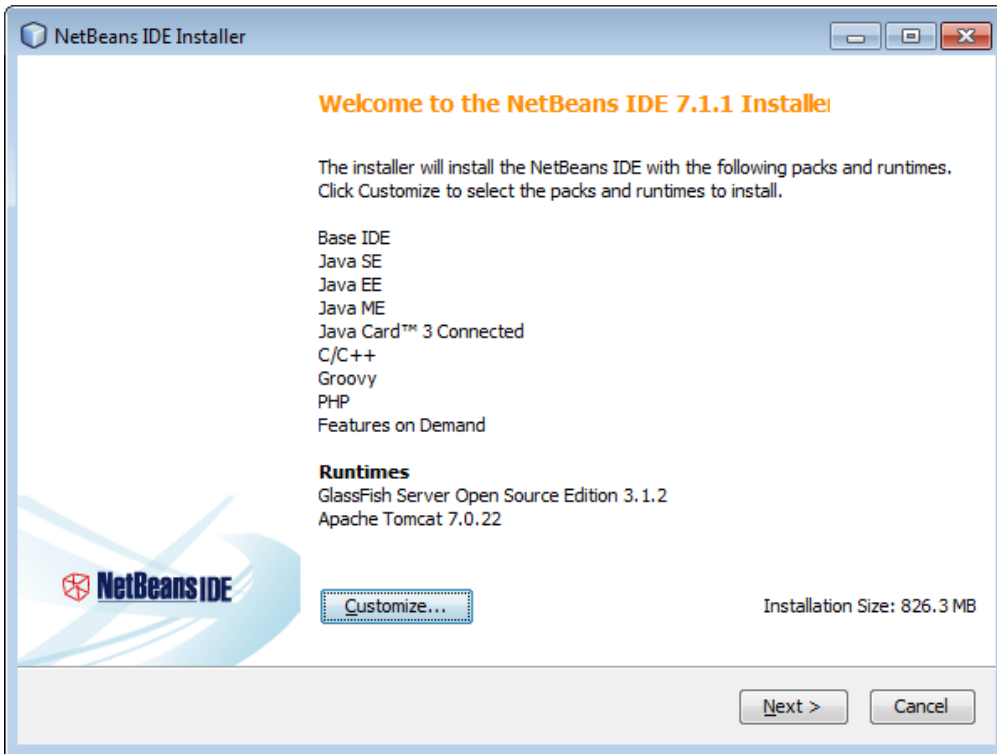
Install the NetBeans IDE. Click Customize



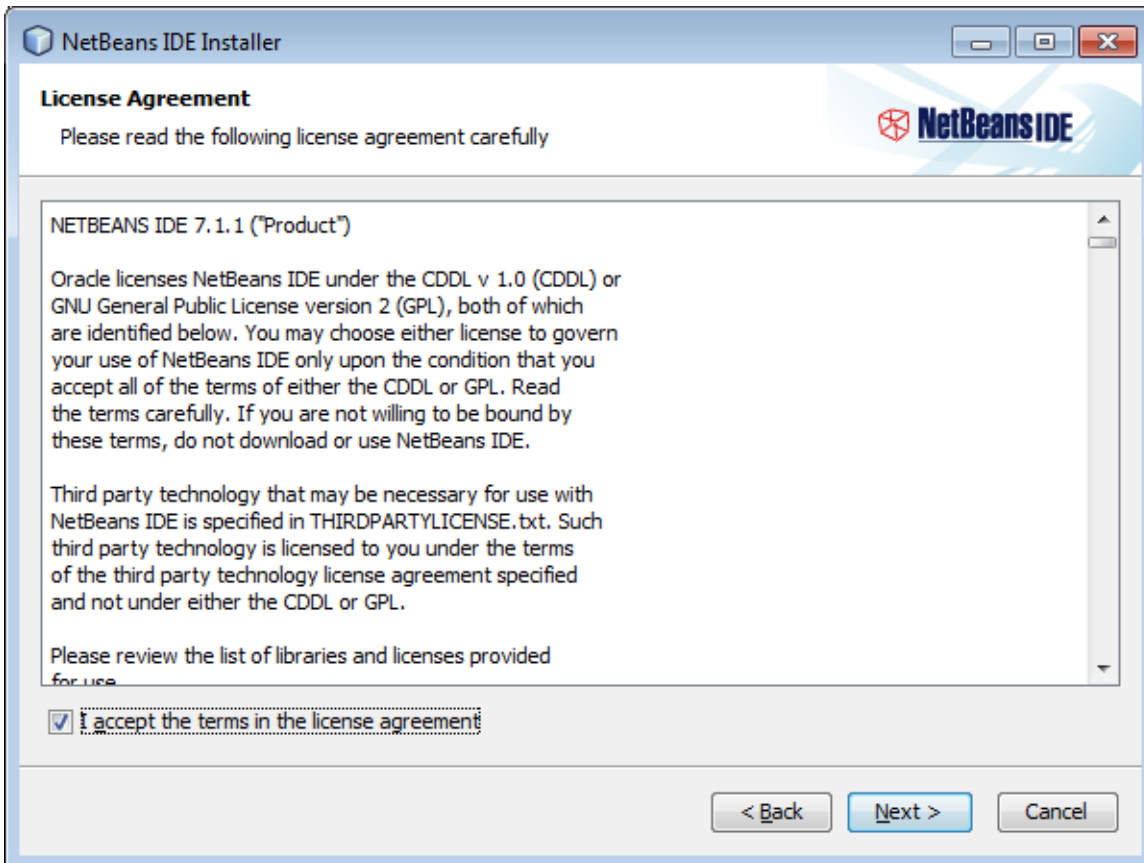
Check Apache Tomcat 7.0.22. Click OK. (There are unneeded packages to get Oscar running. I installed everything for other uses.)



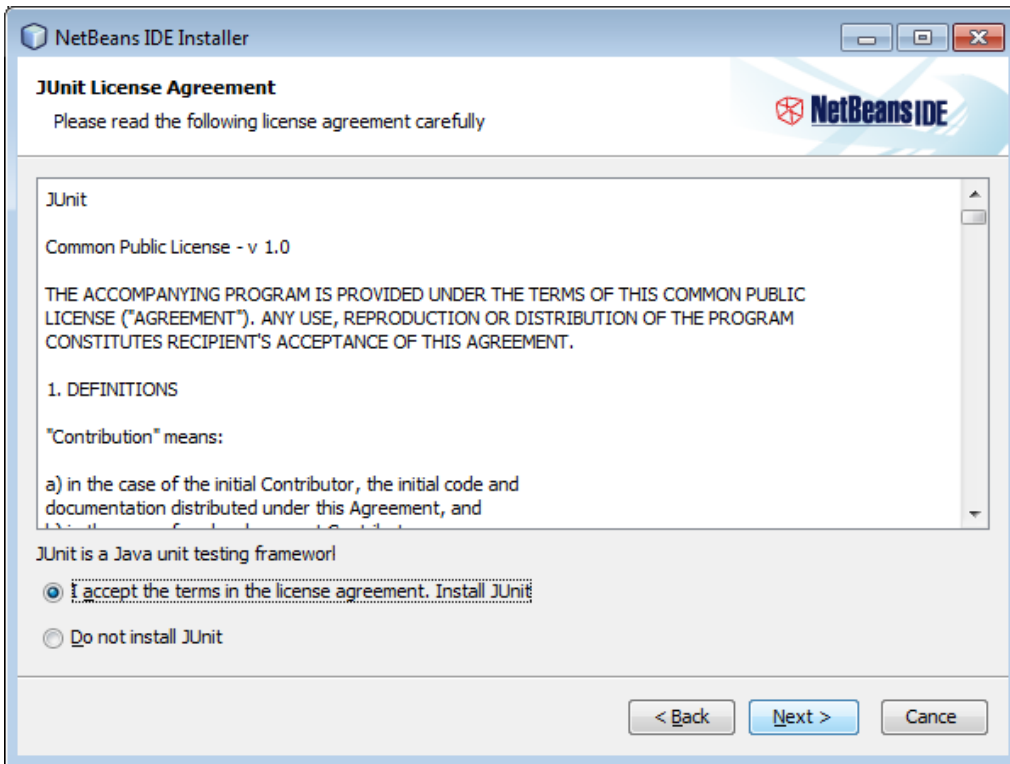
Click Next



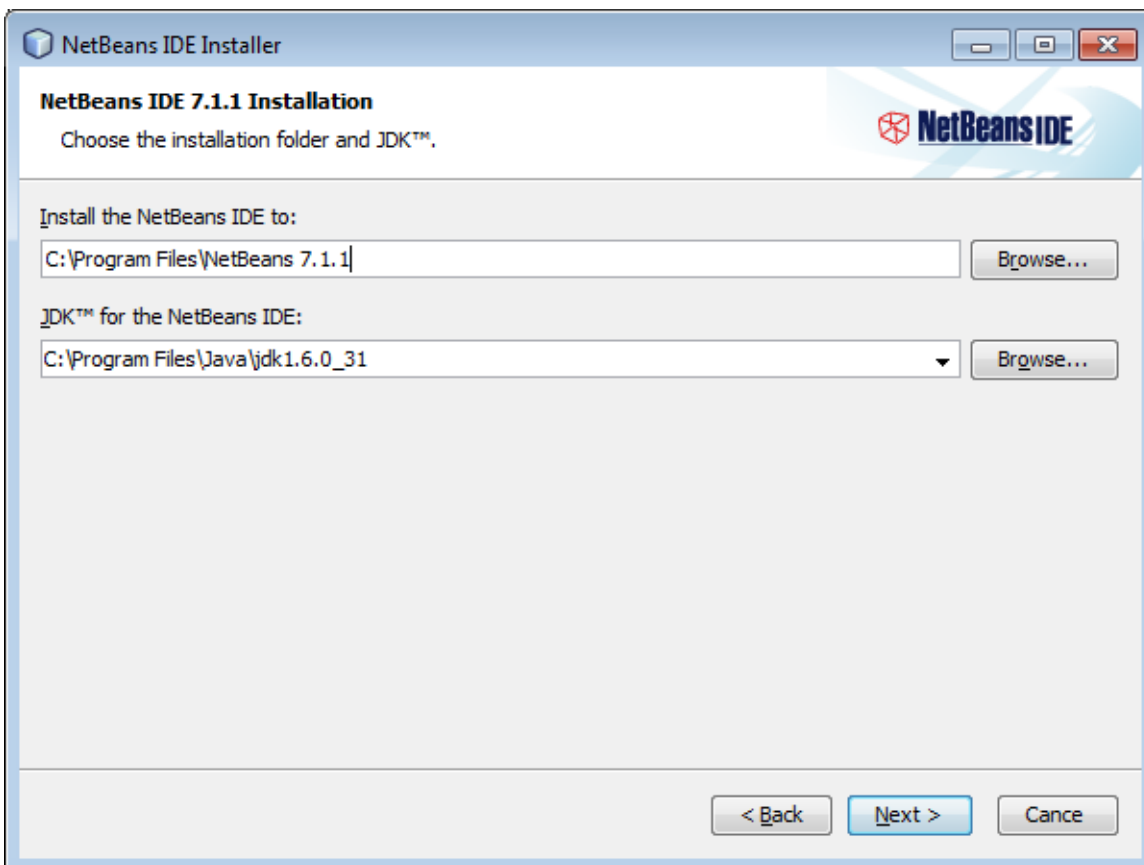
Click I Accept the terms... Click Next



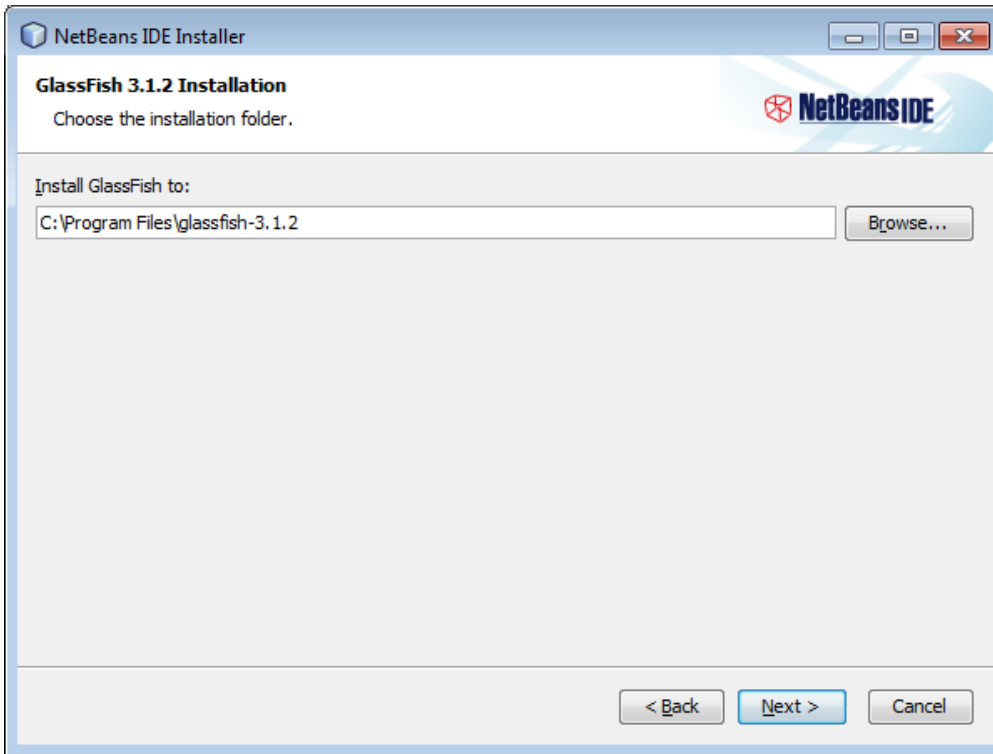
Click I accept. Click Next



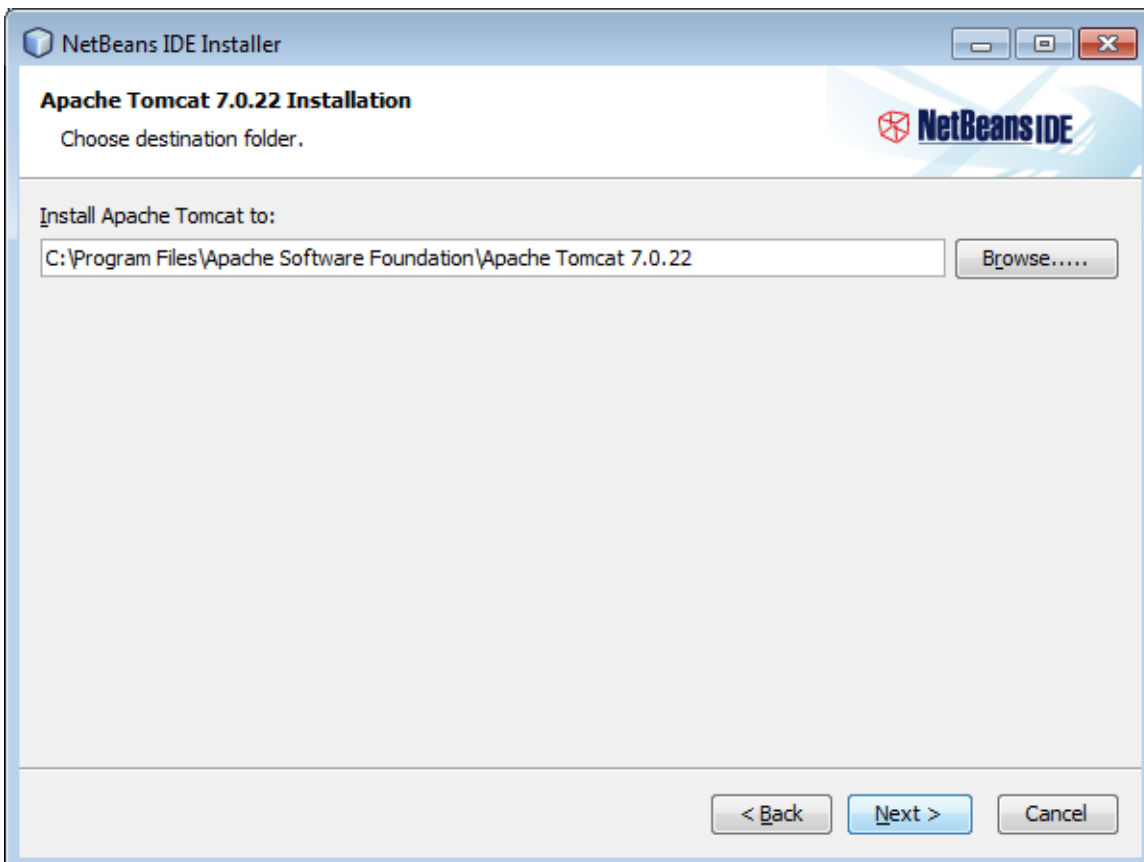
Click Next



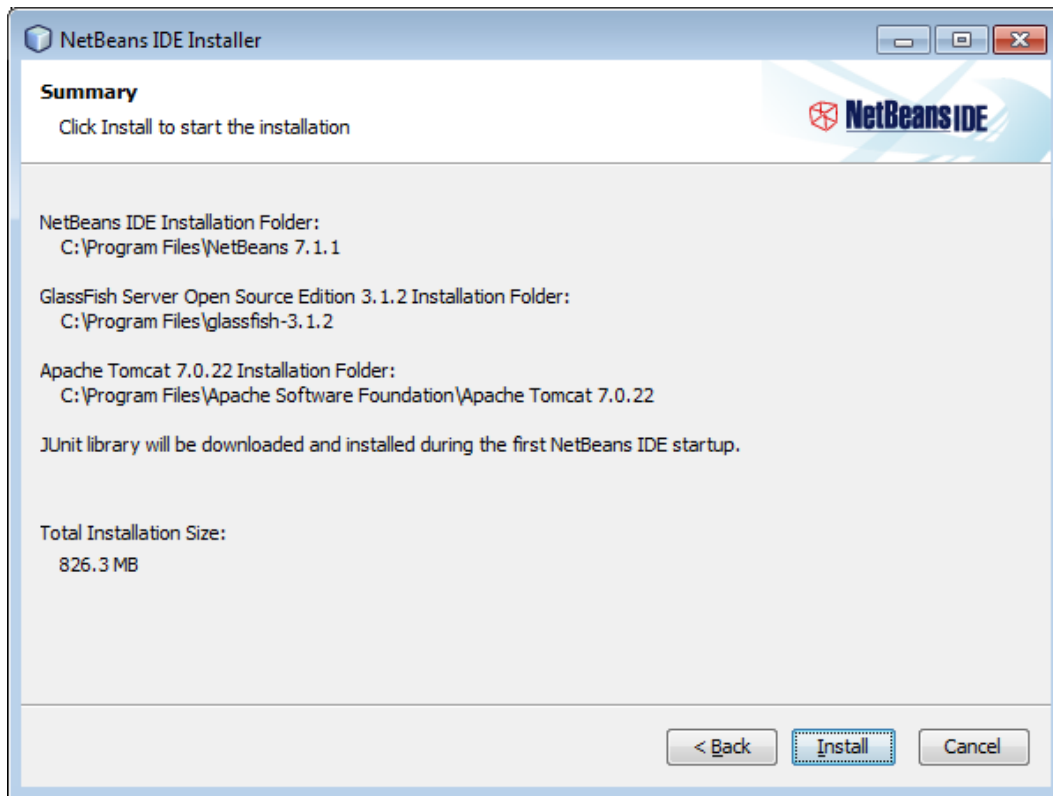
Click Next



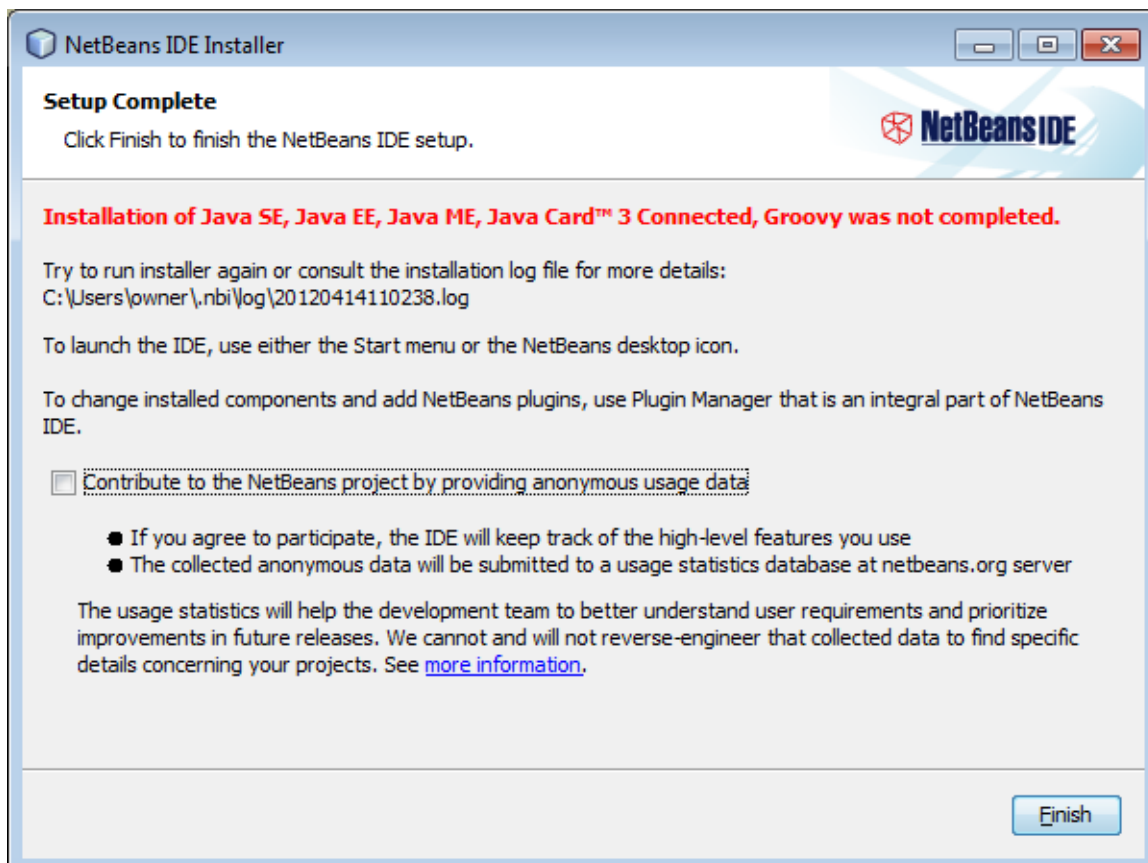
Click Next



Click Install



Click Finish



6) Edit in WordPad the file: C:\Program Files\NetBeans 7.1.1\etc\netbeans.conf

Add the following arguments to netbeans_default_options: -J-Xmx1024m -J-XX:PermSize=512m

So the whole netbeans_default_options is now:

```
netbeans_default_options="-J-client -J-Xss2m -J-Xms32m -J-XX:PermSize=32m -J-Xmx1024m -J-XX:PermSize=512m -J-Dapple.laf.useScreenMenuBar=true -J-Dapple.awt.graphics.UseQuartz=true -J-Dsun.java2d.noddraw=true -J-Dsun.zip.disableMemoryMapping=true"
```

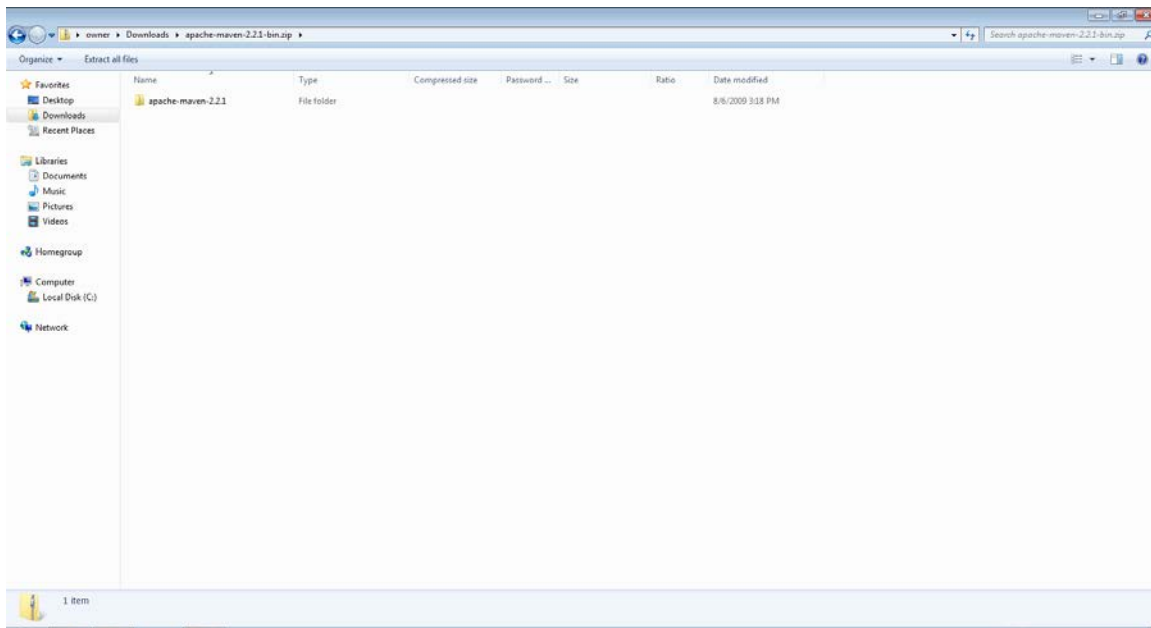
Save as Text Document in the "My Documents" directory. Copy and replace the file

C:\Program Files\NetBeans 7.1.1\etc\netbeans.conf

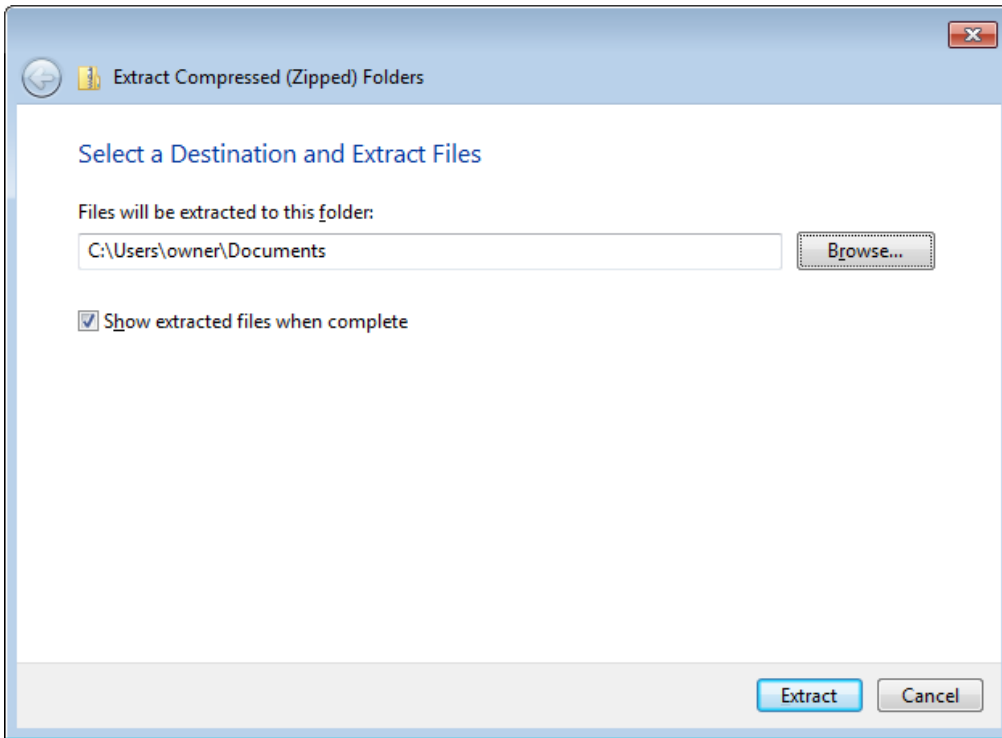
7) Download and extract Apache Maven 2.2.1 (Binary zip)

<http://www.apache.org/dyn/closer.cgi/maven/binaries/apache-maven-2.2.1-bin.zip>

Extract all files



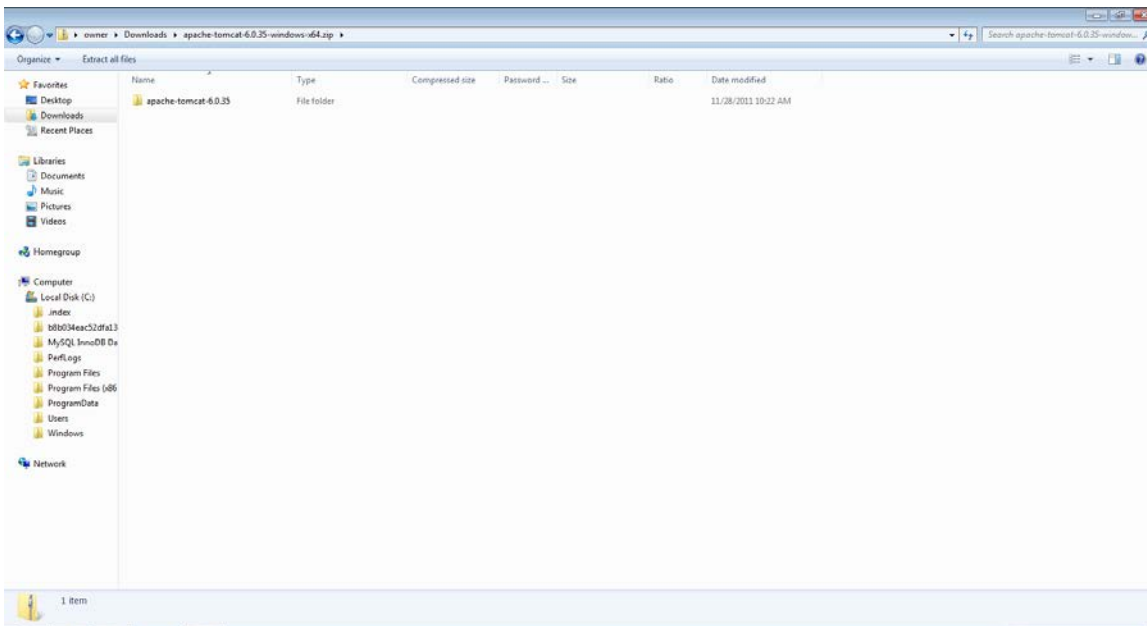
Extract to C:\Users\owner\Documents. Click Extract



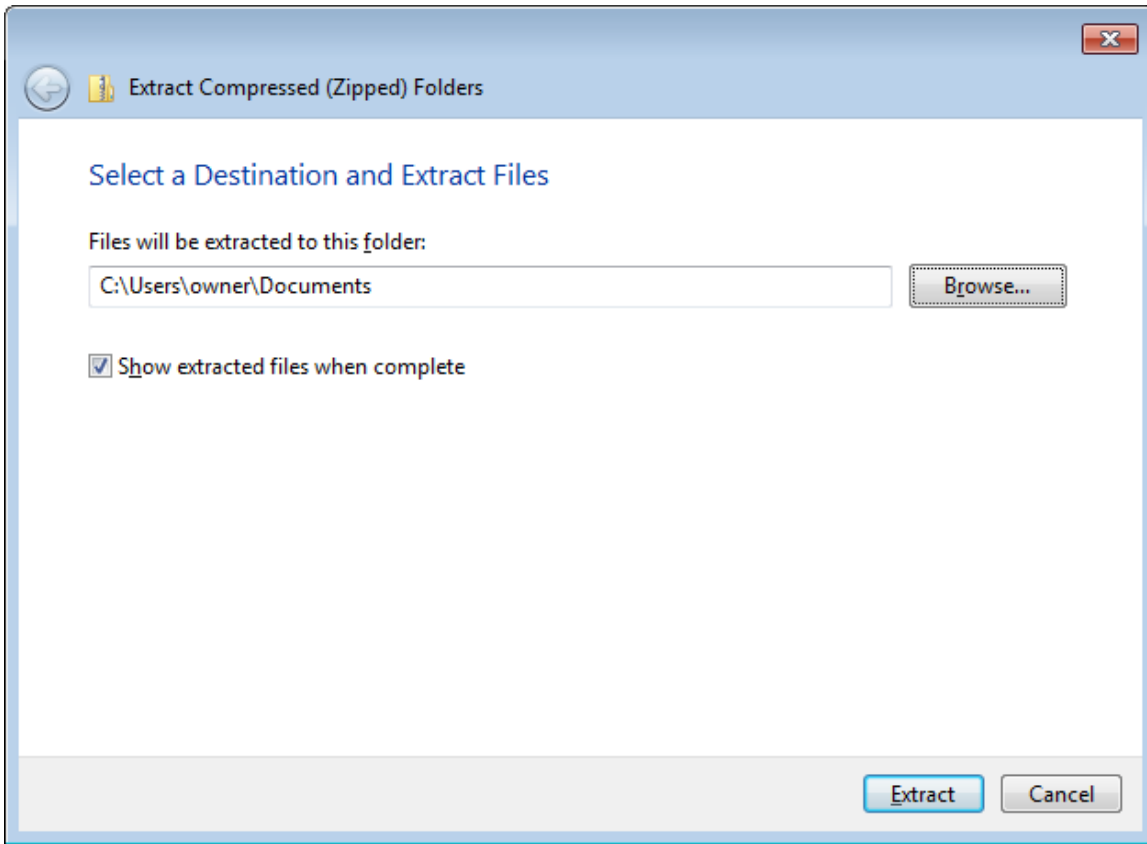
8) Download and extract Apache Tomcat 6.0.35 Binary Distributions 64 bit Windows Zip

<http://apache.parentingamerica.com/tomcat/tomcat-6/v6.0.35/bin/apache-tomcat-6.0.35-windows-x64.zip>

Extract all files

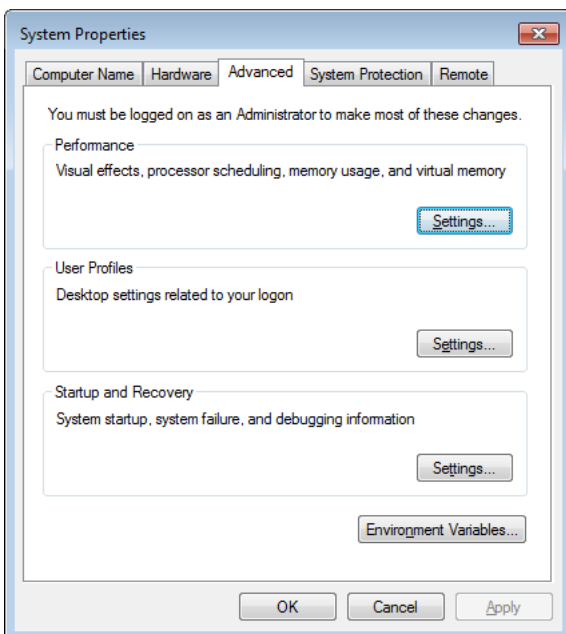


Extract to C:\Users\owner\Documents. Click Extract

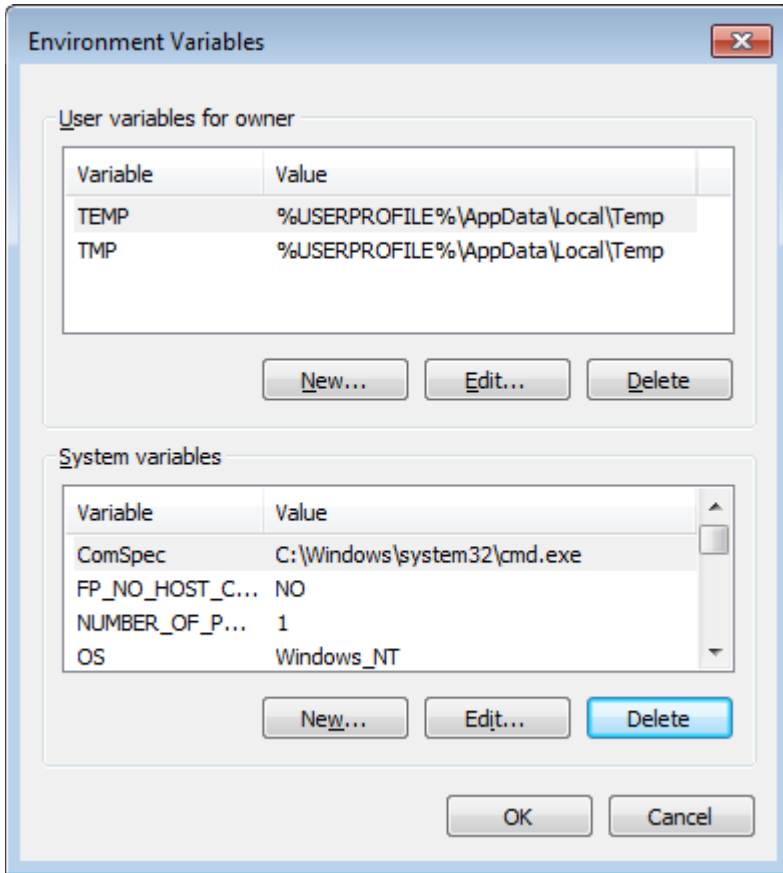


9) Set Environment Variables : CATALINA_HOME

Computer. Right Click Properties. Click Advanced system settings. Click Environment Variables

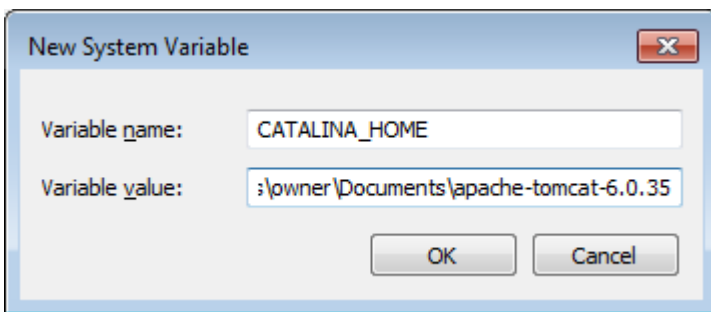


Click New System variables.

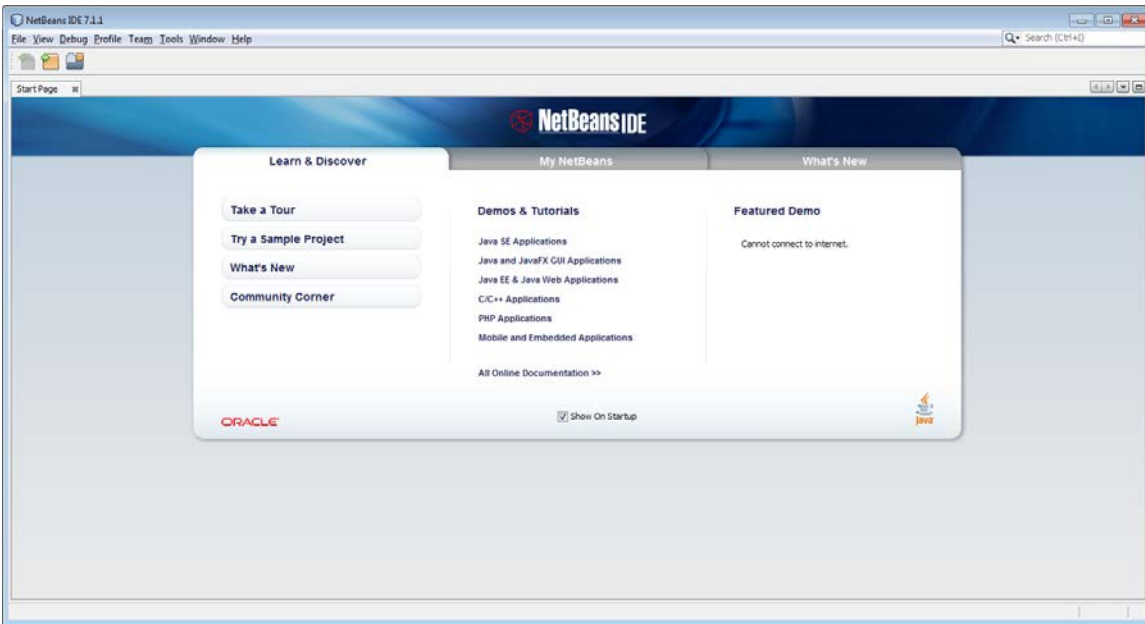


Enter Variable Name: CATALINA_HOME

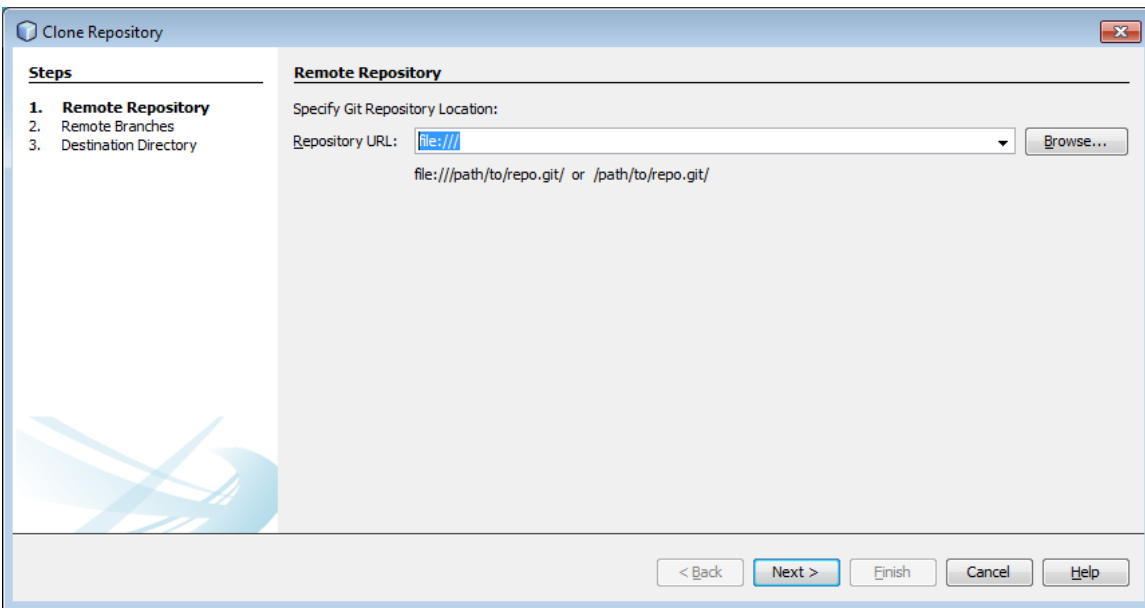
Enter Variable value: C:\Users\owner\Documents\apache-tomcat-6.0.35



10) Run NetBeans and clone repository



Select Team --> Git --> Clone



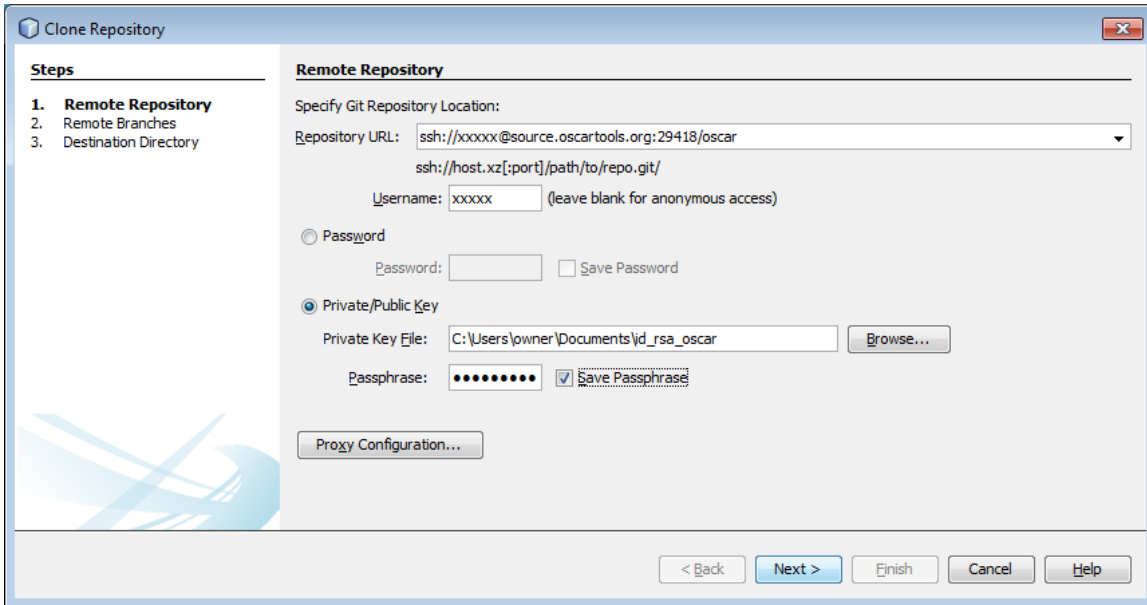
Enter Repository URL: `ssh://xxxxx@source.oscartools.org:29418/oscardocument`

xxxxx is your username in Gerrit.

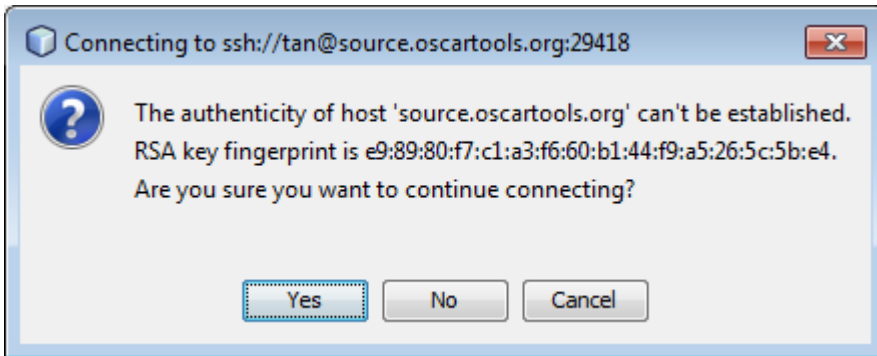
Select Private Key File: C:\Users\owner\Documents\id_rsa_oscar .

Enter the Passphrase. Click Save Passphrase

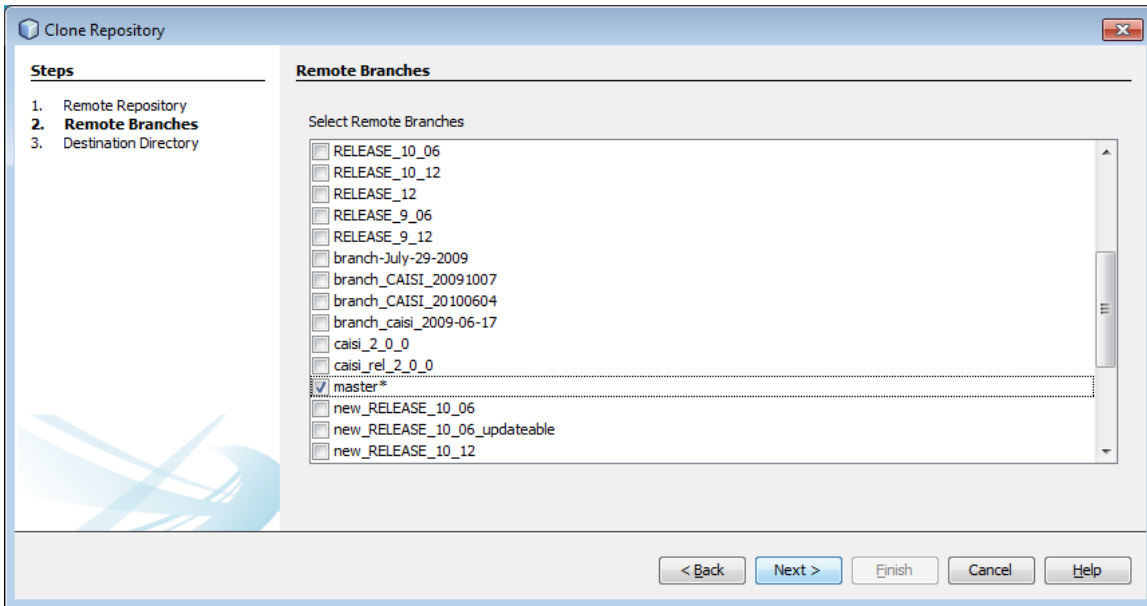
Click Next



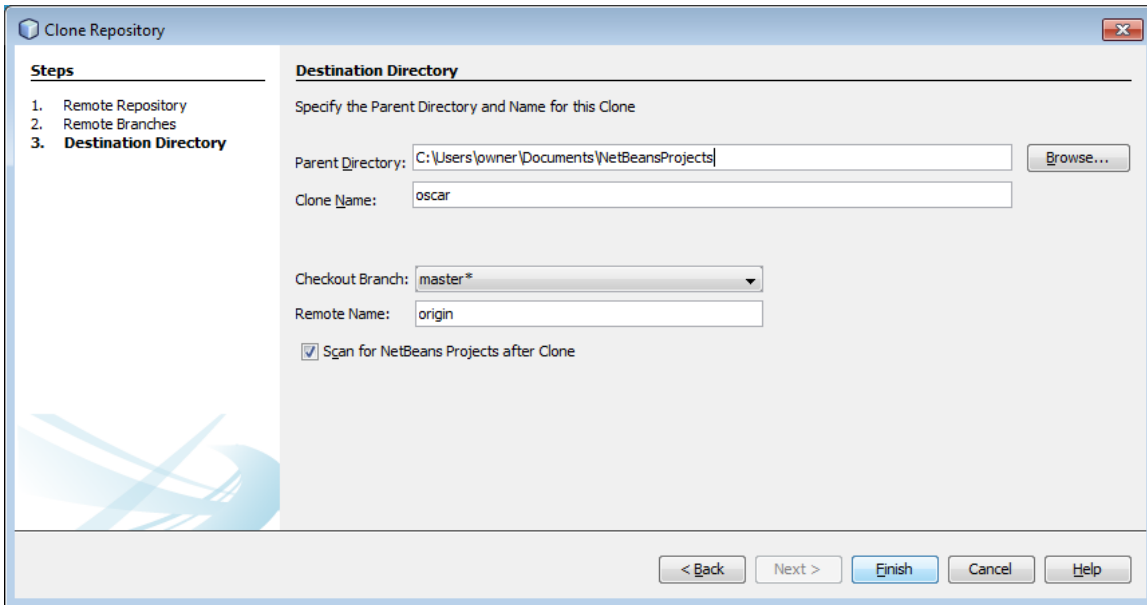
Click Yes



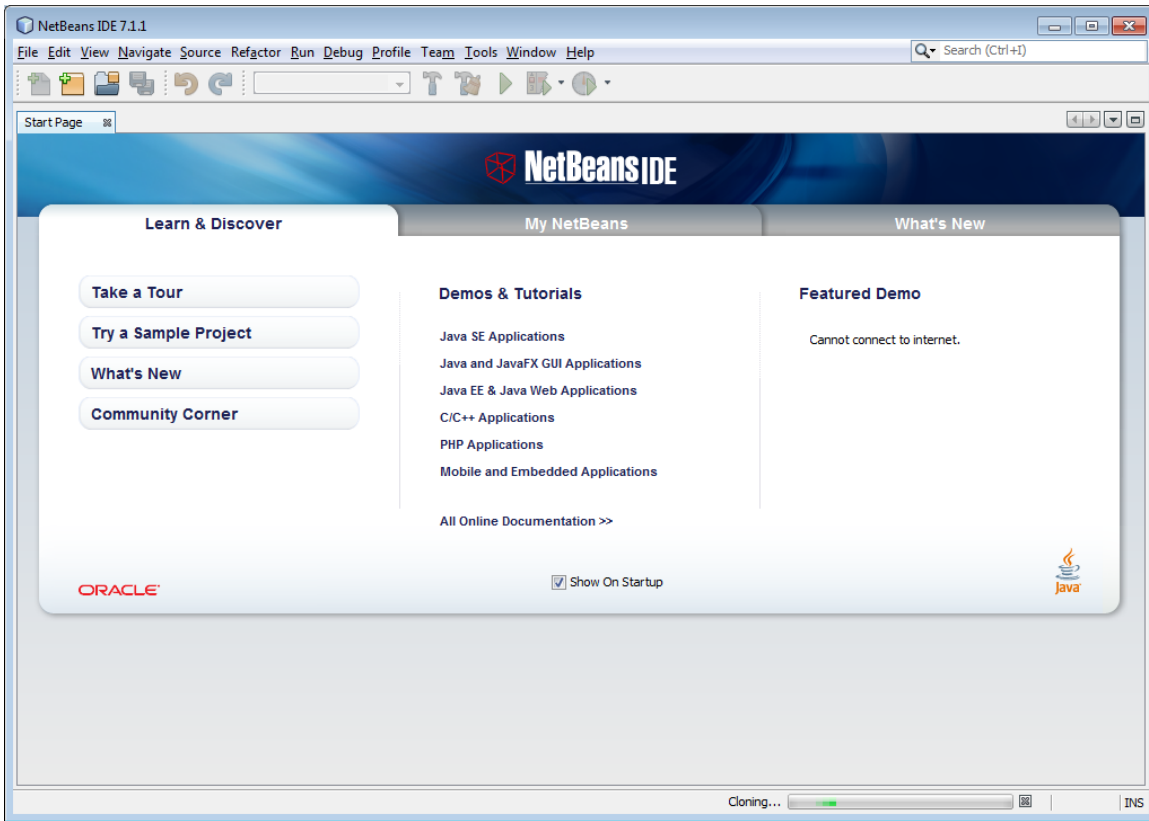
Select master. Click Next



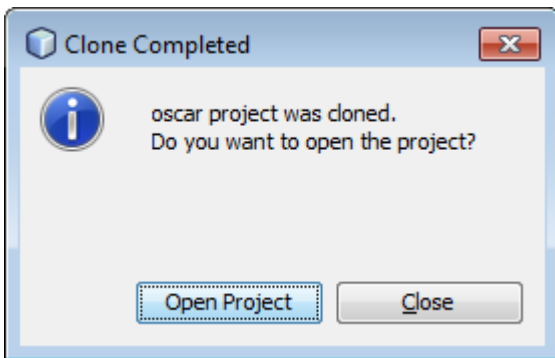
Click Finish



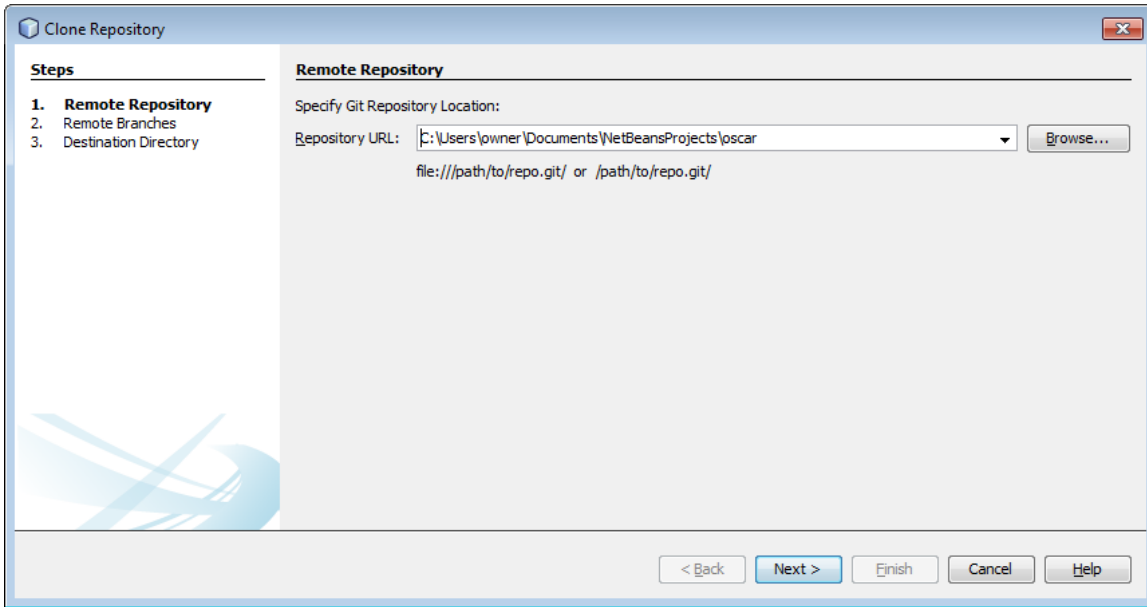
It will take a while to clone.



Click Open Project and wait...



Click Team --> Git --> Clone



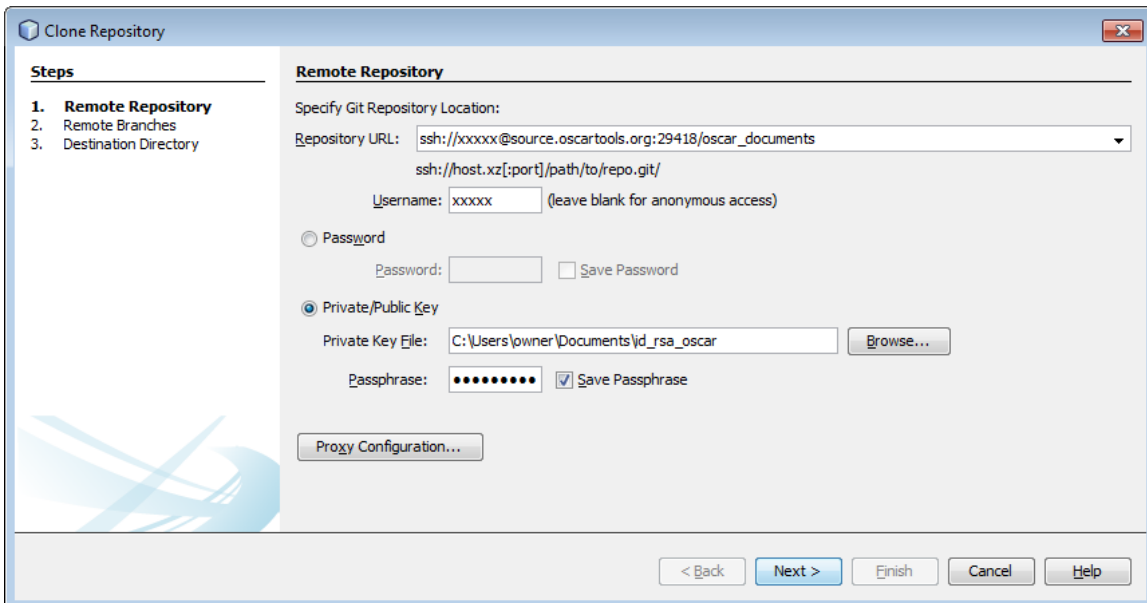
Enter Repository URL: `ssh://xxxxx@source.oscartools.org:29418/oscar_documents`

xxxxx is your username in Gerrit.

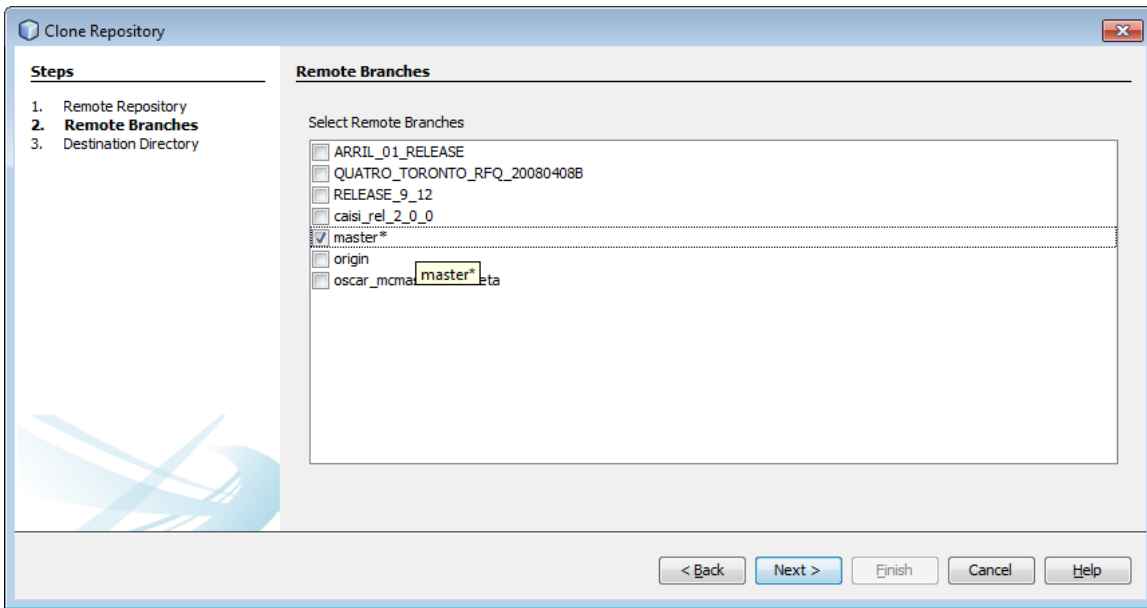
Select Private Key File: `C:\Users\owner\Documents\id_rsa_oscar` .

Enter the Passphrase. Click Save Passphrase

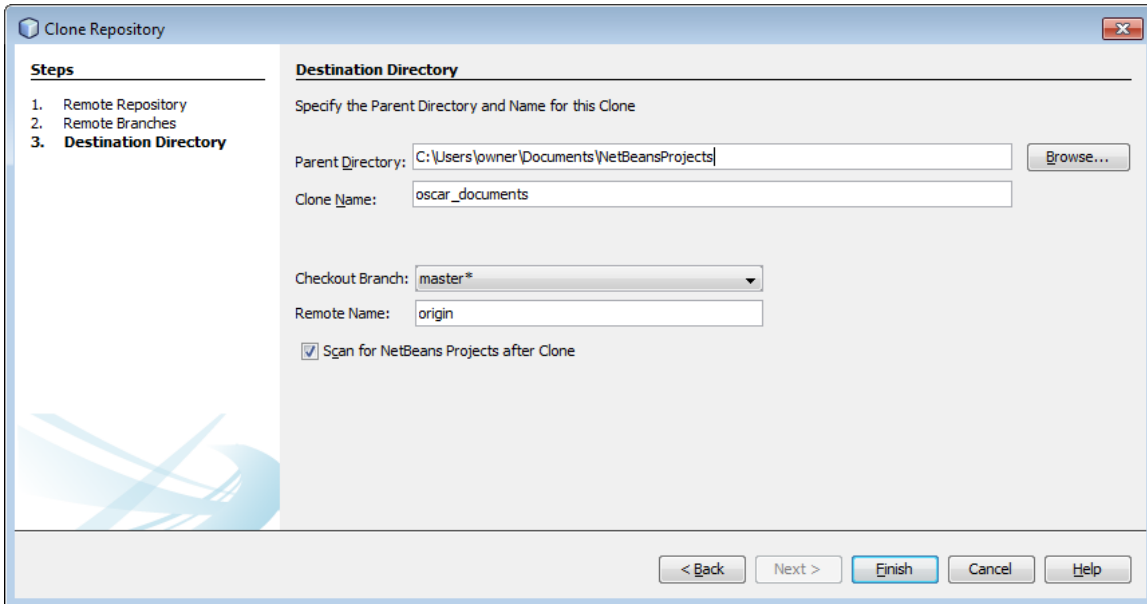
Click Next



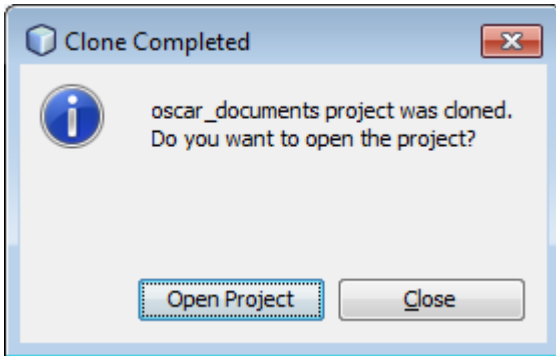
Select master. Click Next



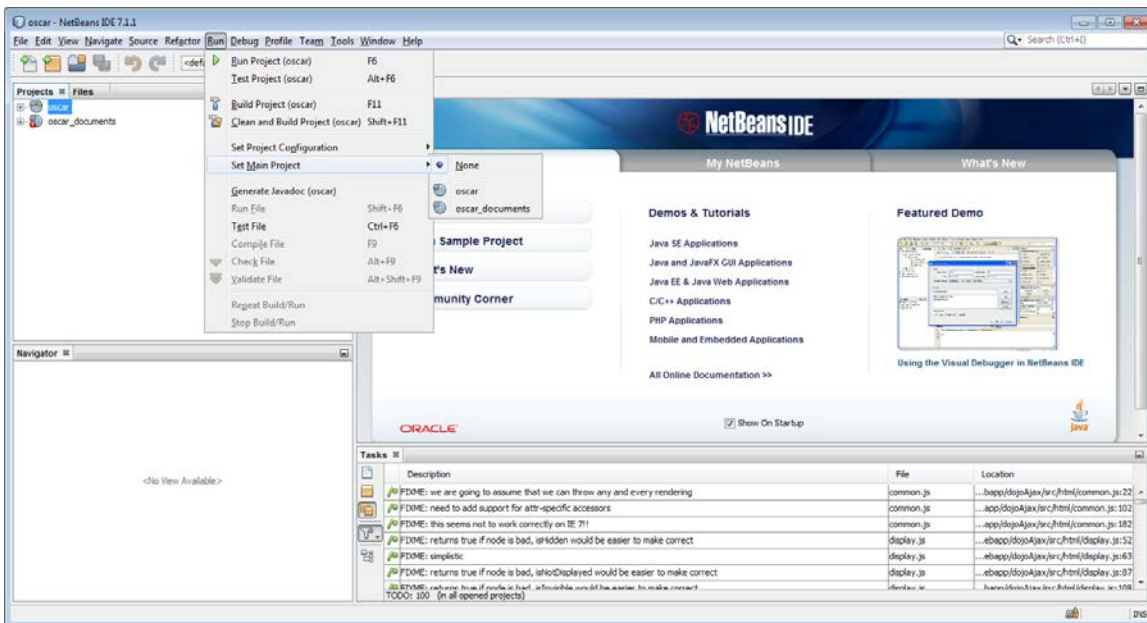
click Finish



Click Open Project

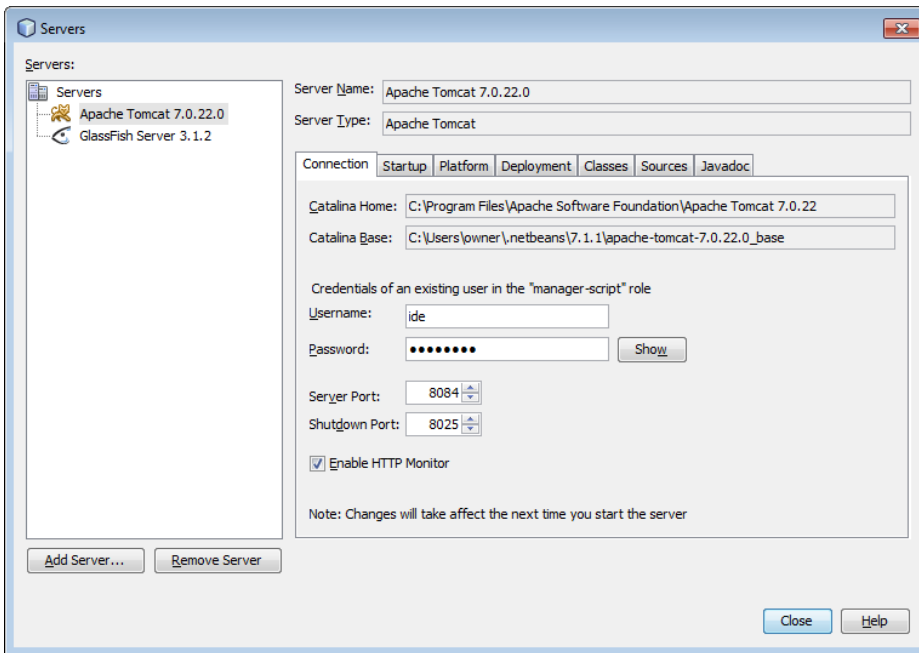


Click Run. Set Main Project. Select oscar



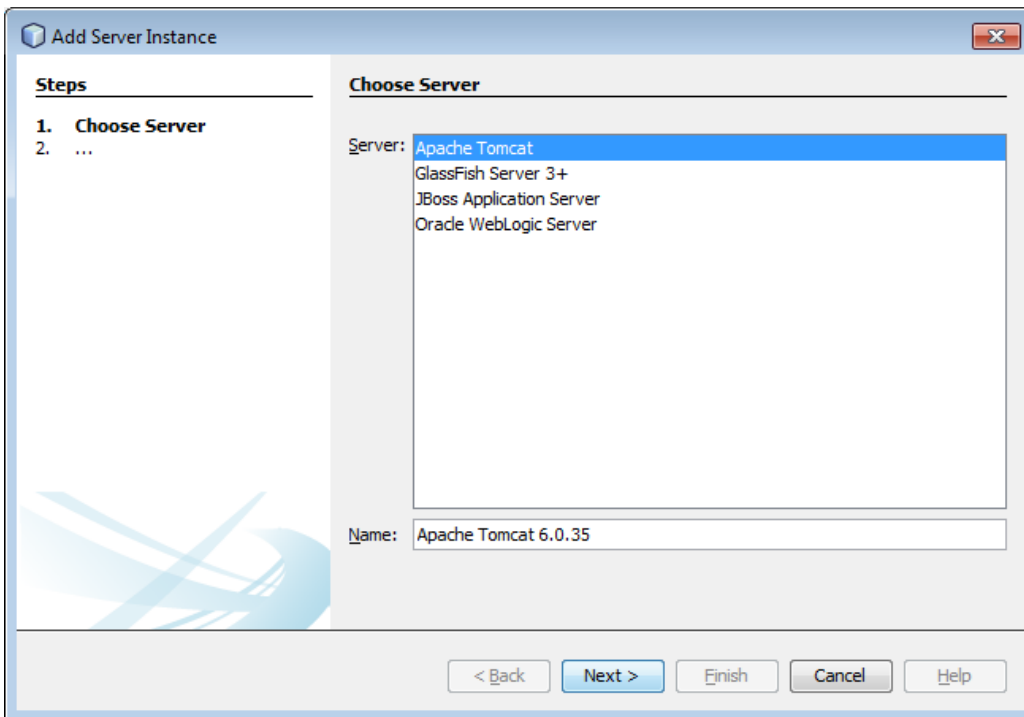
11) Other Netbeans configurations

Click Tools --> Server. Click Add Server



Click Apache Tomcat

Enter name: Apache Tomcat 6.0.35. Click Next



Enter Server Location: C:\Users\owner\Documents\apache-tomcat-6.0.35

Create Username and Password. Click Finish

Add Server Instance

Steps

1. Choose Server
2. **Installation and Login Details**

Installation and Login Details

Specify the Server Location (Catalina Home) and login details

Server Location: C:\Users\owner\Documents\apache-tomcat-6.0.35 Browse ...

Use Private Configuration Folder (Catalina Base)

Catalina Base: Browse ...

Enter the credentials of an existing user in the manager or manager-script role

Username: admin

Password: ●●●●●●●●

Create user if it does not exist

< Back Next > Finish Cancel Help

Click Platform

Servers

Servers:

- Servers
 - Apache Tomcat 6.0.35
 - Apache Tomcat 7.0.22.0
 - GlassFish Server 3.1.2

Server Name: Apache Tomcat 6.0.35

Server Type: Apache Tomcat

Connection Startup Platform Deployment Classes Sources Javadoc

Catalina Home: C:\Users\owner\Documents\apache-tomcat-6.0.35

Catalina Base: C:\Users\owner\Documents\apache-tomcat-6.0.35

Credentials of an existing user in the "manager" role

Username: admin

Password: ●●●●●●●● Show

Server Port: 8080

Shutdown Port: 8005

Enable HTTP Monitor

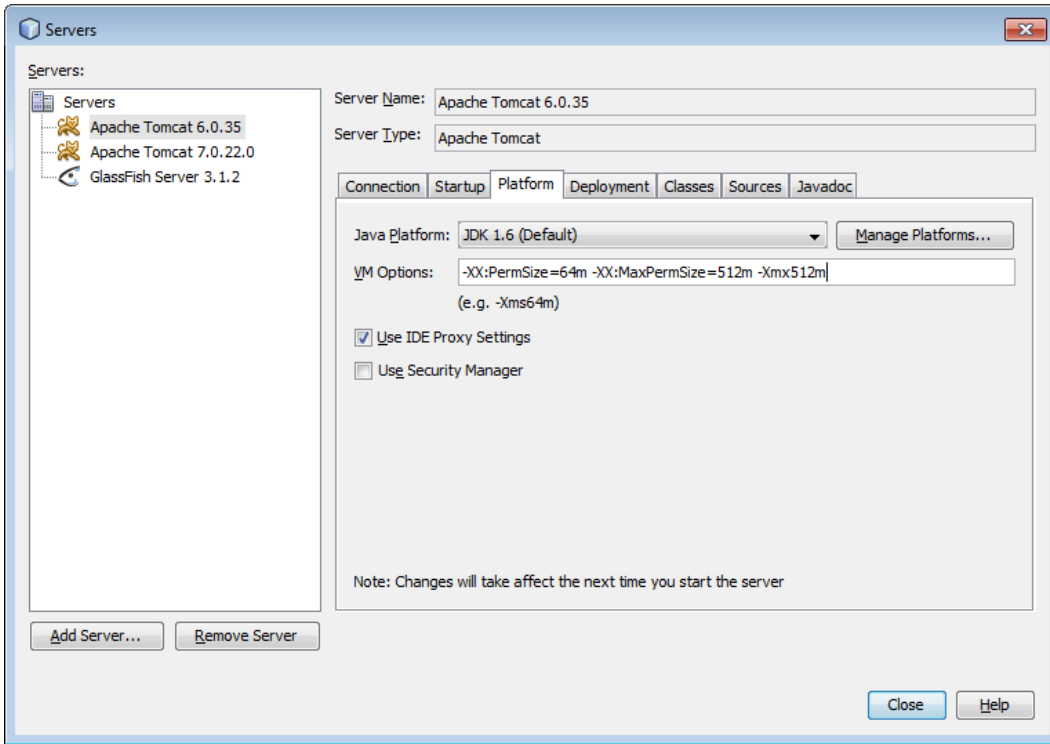
Note: Changes will take affect the next time you start the server

Add Server... Remove Server

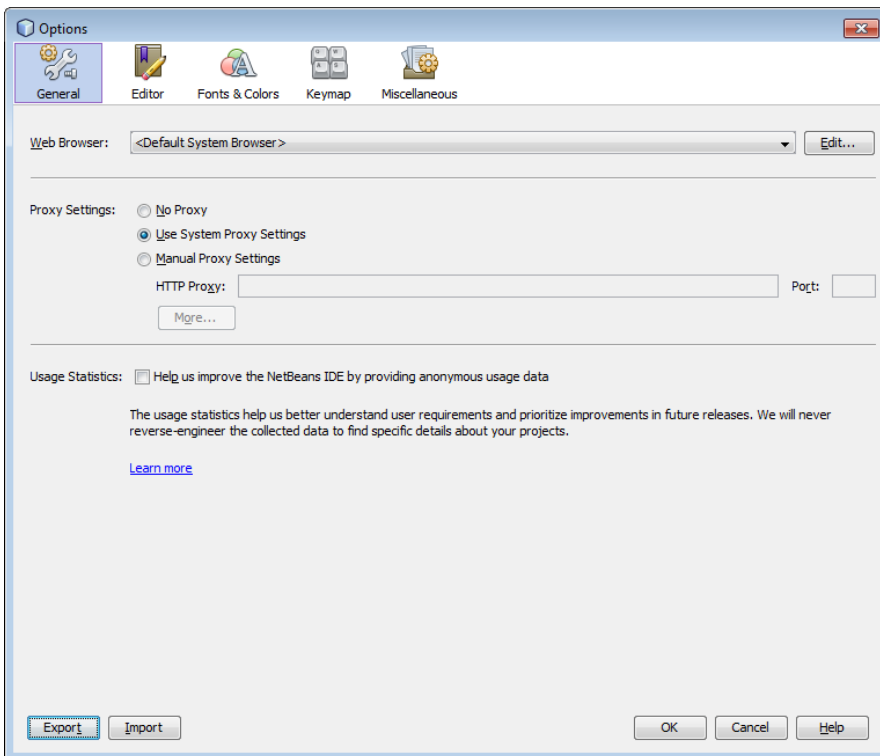
Close Help

Enter VM Options: -XX:PermSize=64m -XX:MaxPermSize=512m -Xmx512m

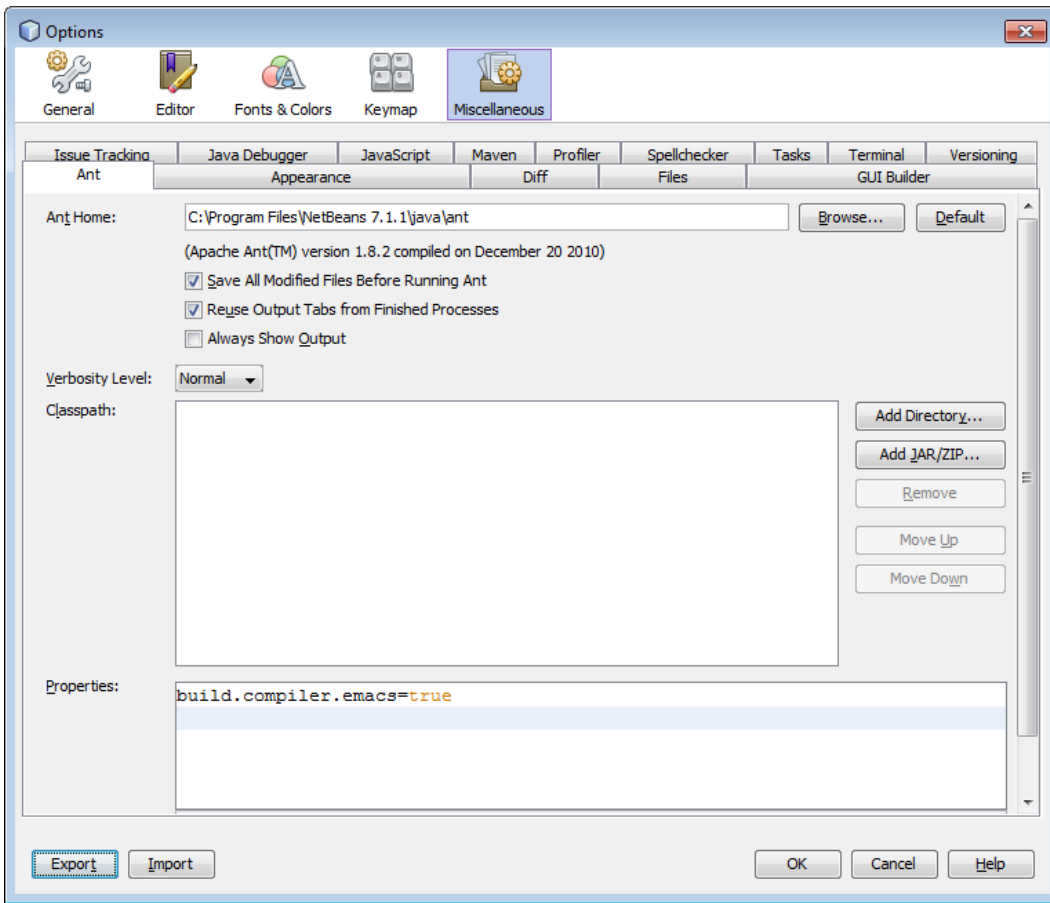
Click Close



Tools --> Options --> Miscellaneous



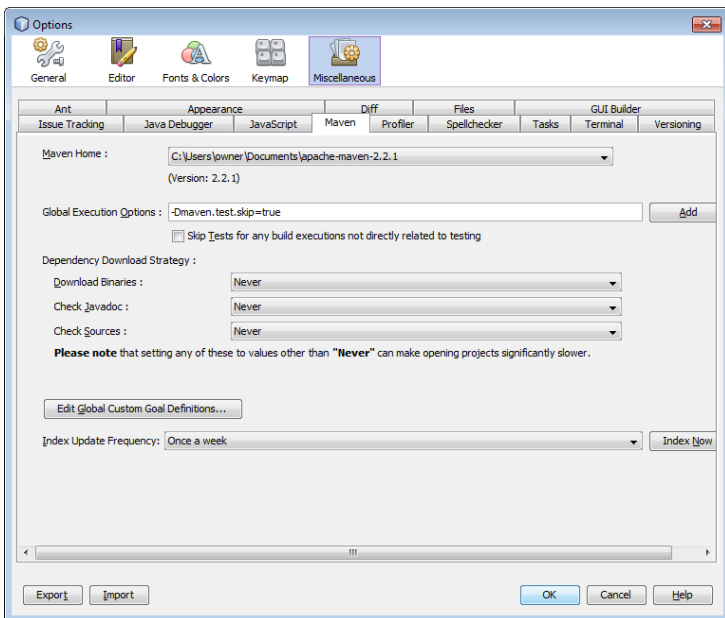
Click Maven



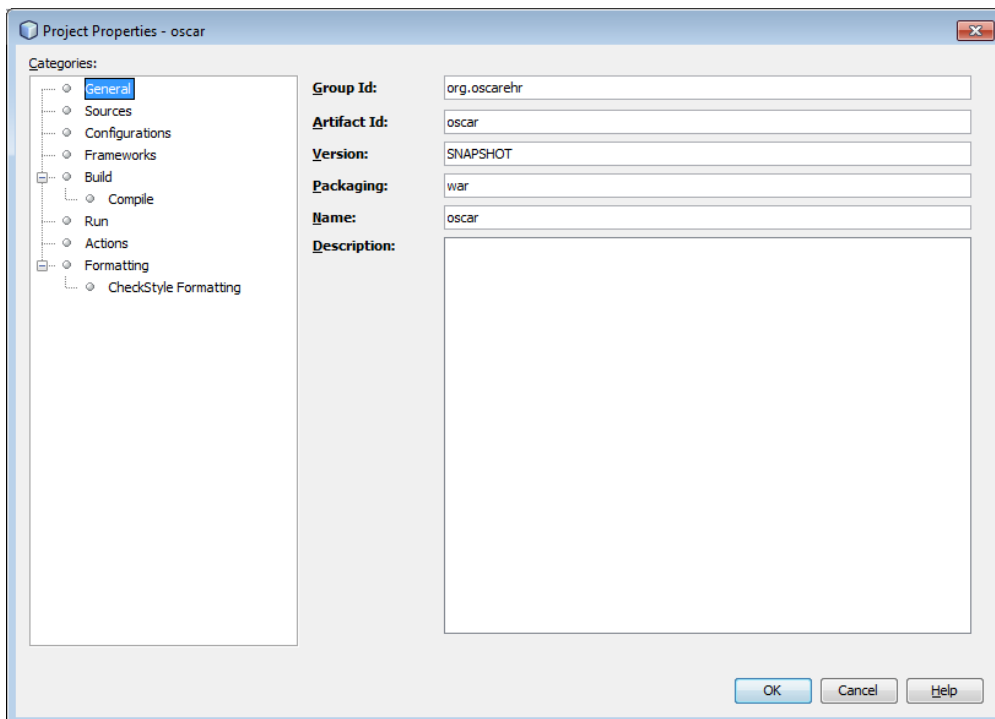
Maven Home. Browse. Select C:\Users\owner\Documents\apache-maven-2.2.1

Enter Global Execution Options: -Dmaven.test.skip=true

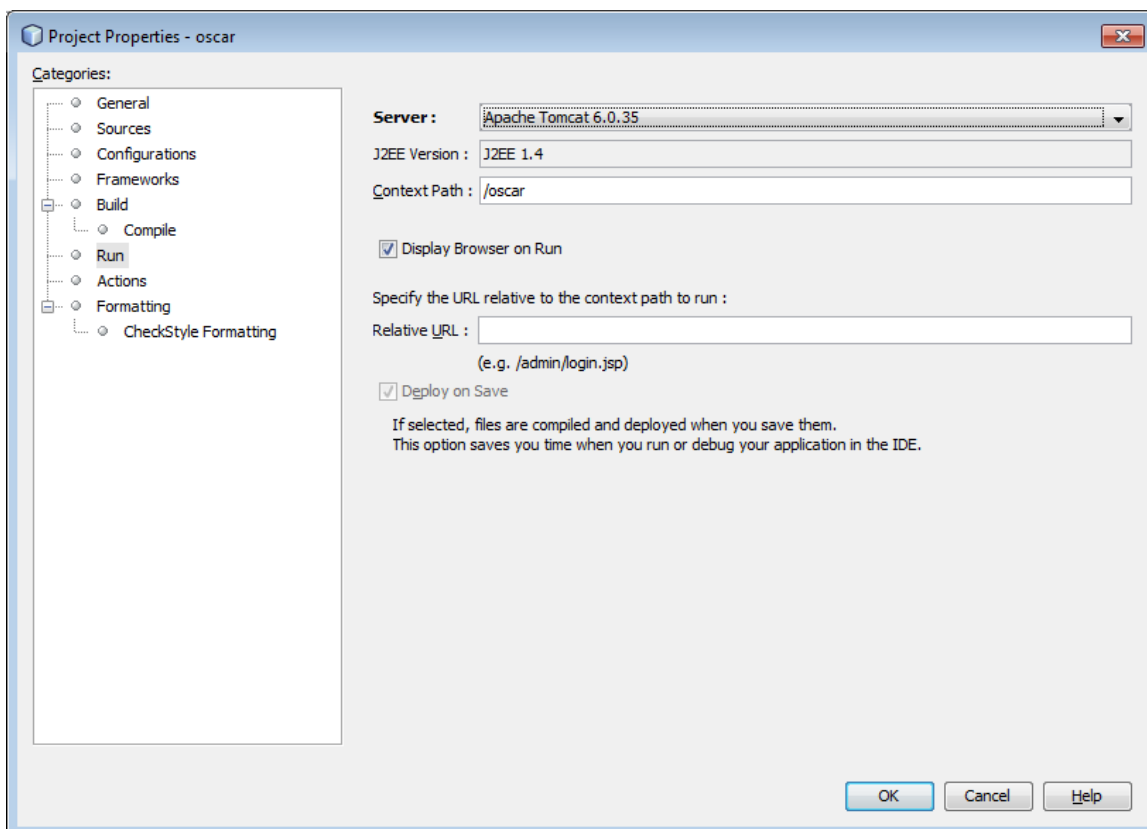
Click OK



Select Project --> oscar --> Right click on Properties. Click Run



Select Server: Apache Tomcat 6.0.35. Click OK



12) Create Database

Open Notepad. Paste the following into Notepad:

```
@echo off
rem CREATE DATABASE

SET USER=%1
SET PASSWORD=%2
SET DATABASE_NAME=%3

rem should be "on" or "bc" corresponding to the oscarinit_XX.sql XX qualifier
SET LOCATION=%4

rem should be "9" or "10" corresponding to the icdXX.sql qualifier
SET ICD=%5

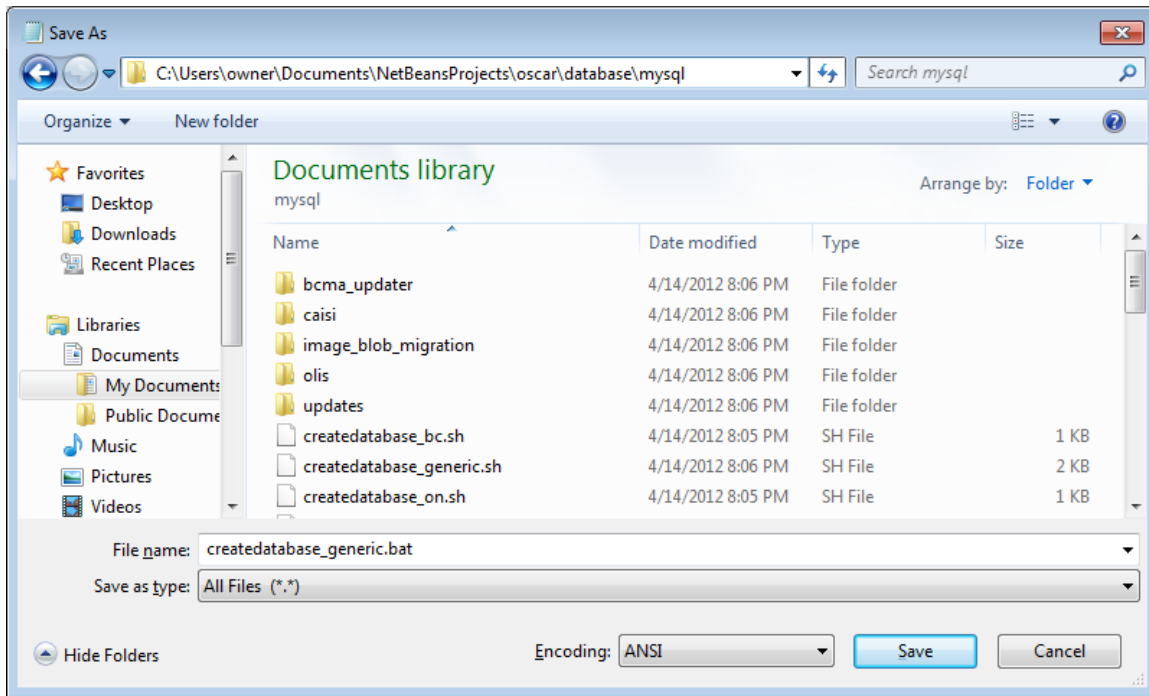
mysqladmin -u%USER% -p%PASSWORD% create %DATABASE_NAME%
echo grant all on %DATABASE_NAME%.* to %USER%@localhost identified by "%PASSWORD%" | mysql -u%USER% -
p%PASSWORD% %DATABASE_NAME%

echo loading oscarinit.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < oscarinit.sql
echo loading oscarinit_%LOCATION%.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < oscarinit_%LOCATION%.sql
echo loading ocardata.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < ocardata.sql
echo loading ocardata_%LOCATION%.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < ocardata_%LOCATION%.sql
echo loading icd%ICD%.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < icd%ICD%.sql

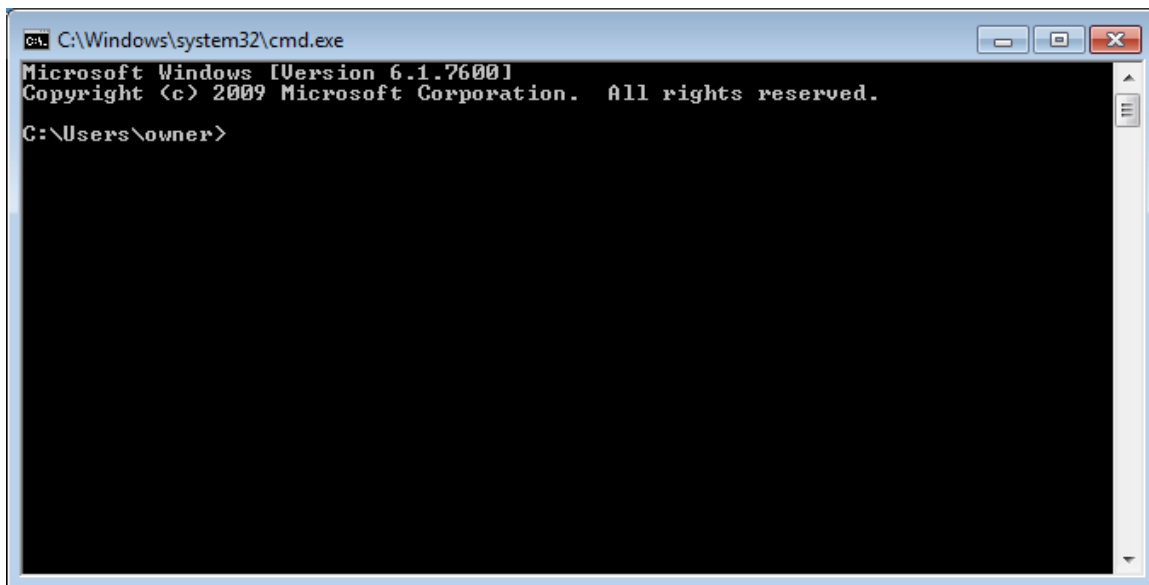
echo changing to caisi directory...
cd caisi
echo loading initcaisi.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < initcaisi.sql
echo loading initcaisidata.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < initcaisidata.sql
echo changing back to the mysql directory...
cd ..

echo loading icd%ICD%_issue_groups.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < icd%ICD%_issue_groups.sql
echo loading measurementMapData.sql...
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < measurementMapData.sql
echo loading expire_oscardoc.sql
mysql -u%USER% -p%PASSWORD% %DATABASE_NAME% < expire_oscardoc.sql
echo all done!
echo the default user is ocardoc
echo password mac2002
echo pin 1117
echo For security reasons these credentials are set to expire in a month!
```

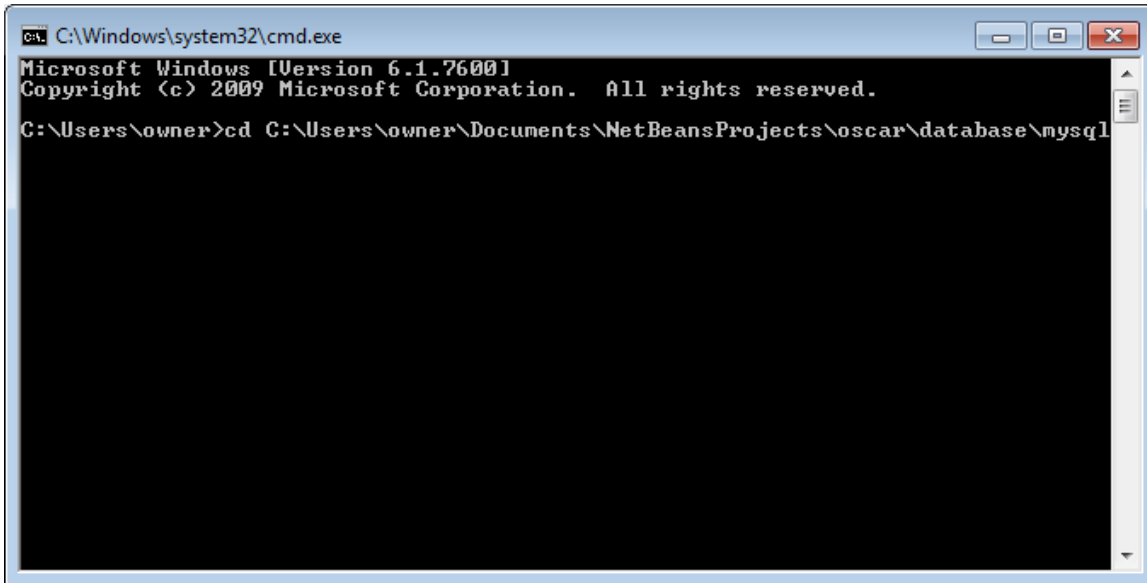
Save to C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql\createdatabase_generic.bat



run cmd



Type: cd C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql

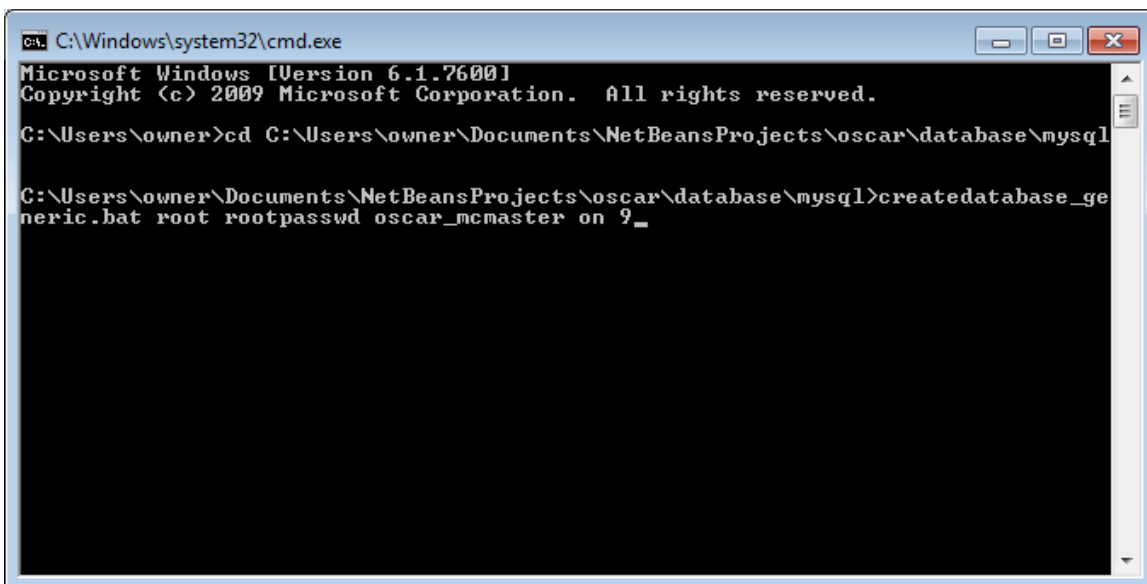


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\owner>cd C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql
```

Type: createdatabase_generic.bat root rootpasswd oscar_mcmaster on 9

rootpasswd is your MySQL root password

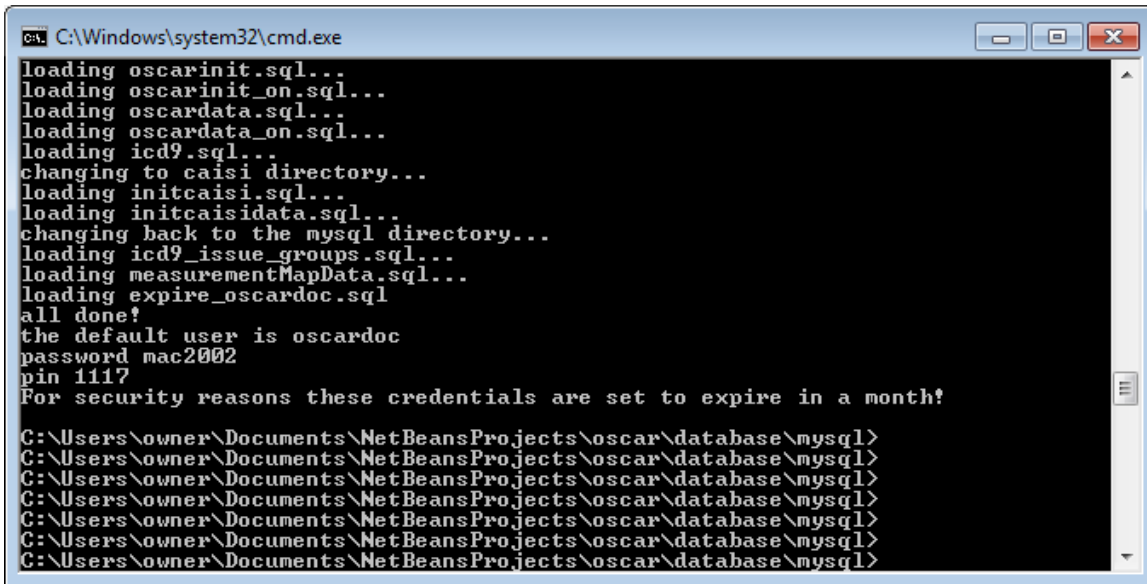


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\owner>cd C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql

C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>createdatabase_ge
neric.bat root rootpasswd oscar_mcmaster on 9_
```

Close the cmd.exe



```
C:\Windows\system32\cmd.exe
loading oscarinit.sql...
loading oscarinit_on.sql...
loading oscardata.sql...
loading oscardata_on.sql...
loading icd9.sql...
changing to caisi directory...
loading initcaisi.sql...
loading initcaisidata.sql...
changing back to the mysql directory...
loading icd9_issue_groups.sql...
loading measurementMapData.sql...
loading expire_oscardoc.sql
all done!
the default user is oscardoc
password mac2002
pin 1117
For security reasons these credentials are set to expire in a month!

C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
C:\Users\owner\Documents\NetBeansProjects\oscar\database\mysql>
```

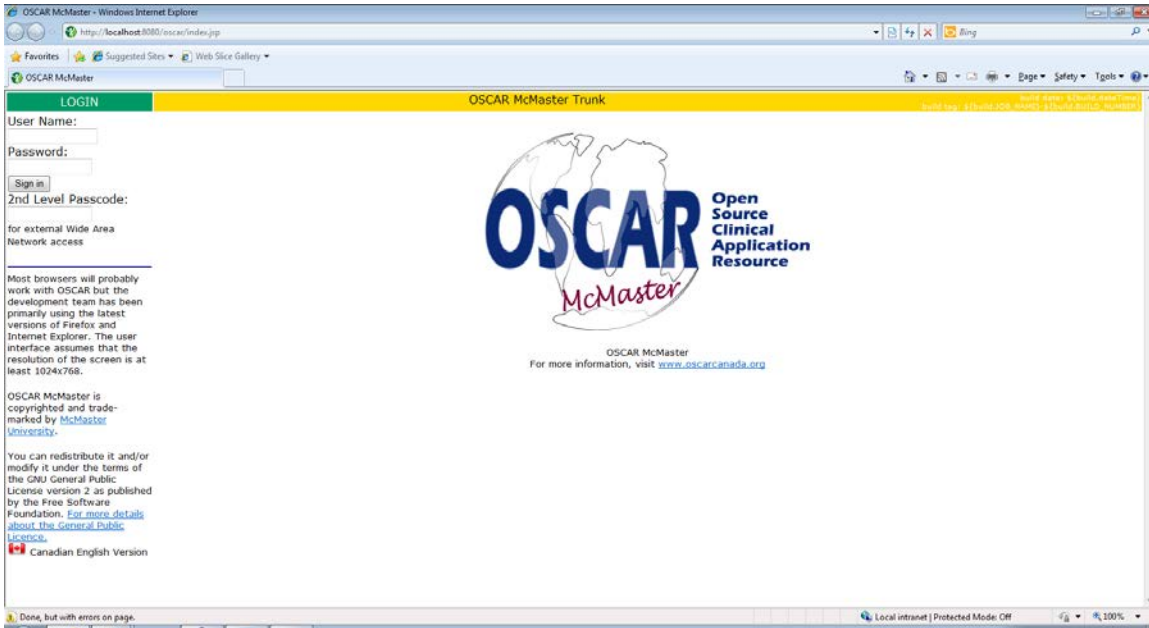
13) Configure oscar.properties

Copy C:\Users\owner\Documents\NetBeansProjects\oscar\src\main\resources\oscar_mcmaster.properties to
C:\Users\owner\oscar.properties

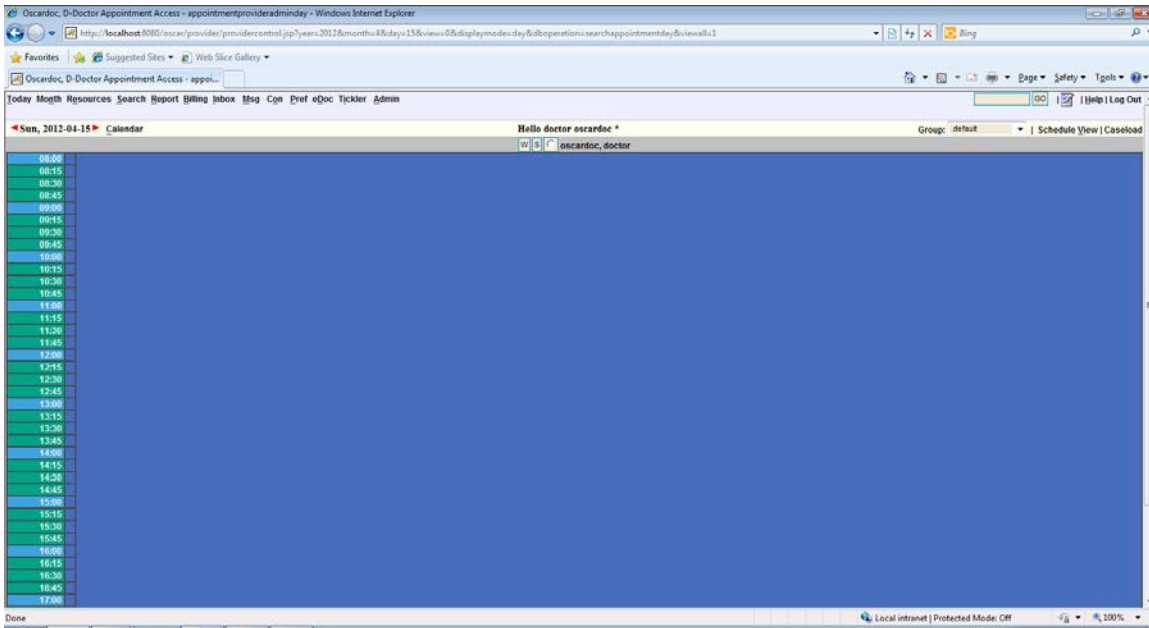
Edit C:\Users\owner\oscar.properties

Modify db_name, db_username, db_password and other parameters as needed

In Netbeans. Click Run. Run Main Project. After a while, Oscar should be running.



Login with username: oscar doc password: mac2002 2nd passcode:1117.



14) build oscar_documents

Select Project --> oscar_documents --> build

copy C:\Users\owner\Documents\NetBeansProjects\oscar_documents\target\oscar_documents-SNAPSHOT.war

C:\Users\owner\Documents\apache-tomcat-6.0.35\webapps\OscarDocument.war