

UB Robotics

The State University of New York at Buffalo

Configuring your pc for SVN access



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System Requirements

WinXP, Vista or later

IE6 or later

Windows Installer version 3.1 or later

Please Note: Your system will also have to meet the minimum requirements for running the target application (e.g. Autodesk Inventor, Microsoft Visual Studio, Eclipse, etc.). Please refer to the documentation provided by the manufacturer of these software applications for the minimum system requirements.

Software Versions used in the examples:

TortoiseSVN:	1.6.7
Subclipse:	1.6.10
Eclipse:	Galileo

Install Guides

TortoiseSVN

1. Download TortoiseSVN from: <http://tortoisesvn.net/downloads>

Note for x64 users: you can install both the 32 and 64-bit version side by side for 32-bit applications.

Download Application	
32 Bit	TortoiseSVN-1.6.7.18415-win32-svn-1.6.9.msi
64 Bit	TortoiseSVN-1.6.7.18415-x64-svn-1.6.9.msi

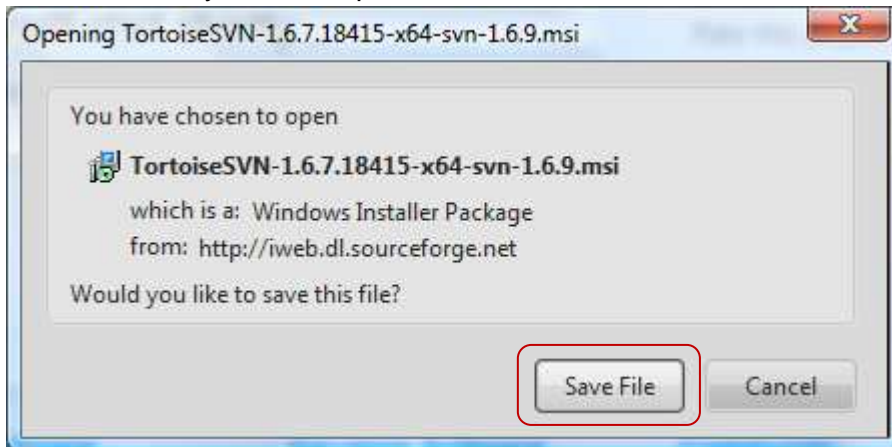
To verify the file integrity follow these instructions

Language packs

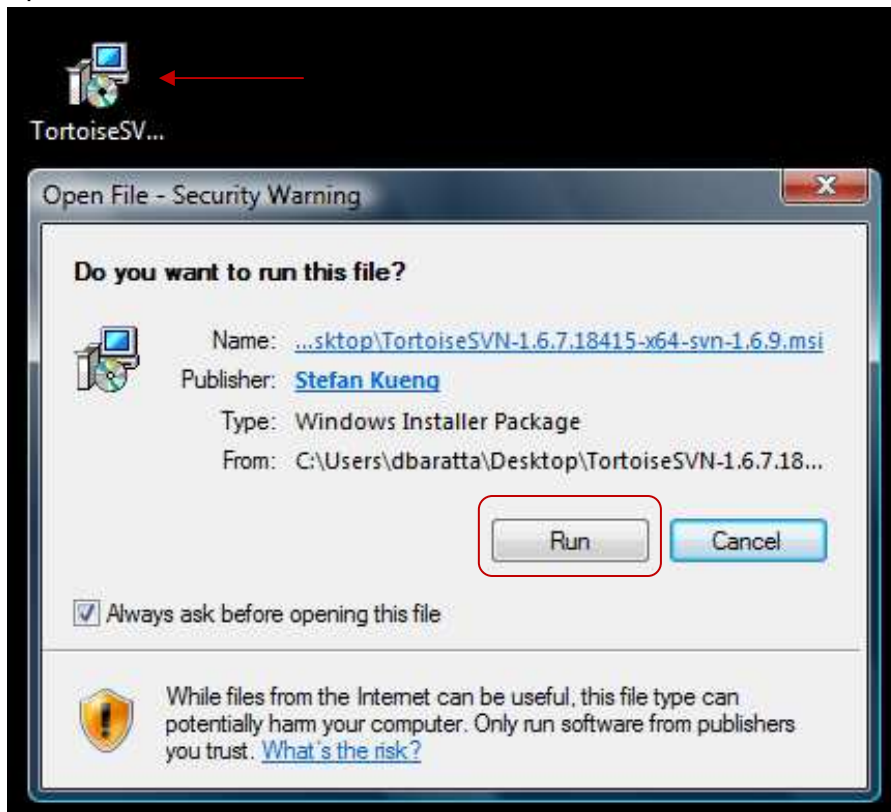
	Country	32 Bit	64 Bit
1	Bulgarian	Setup	Setup
2	Catalan	Setup	Setup
3	Chinese, simplified	Setup	Setup

Done

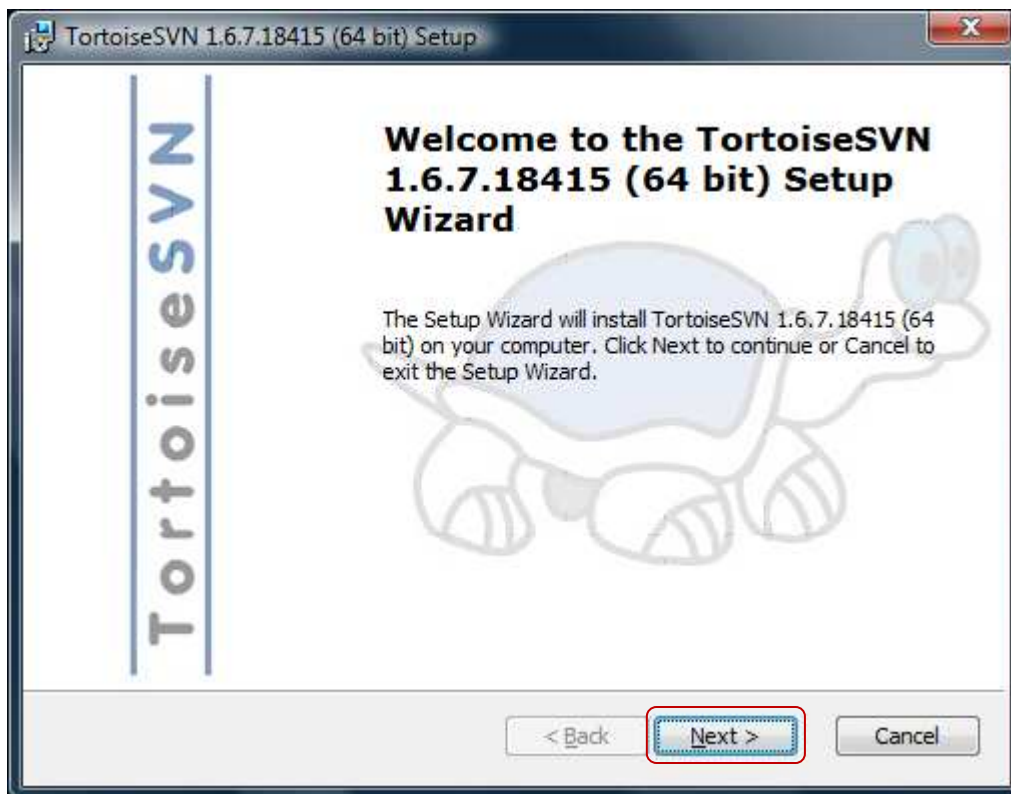
2. Save the file to your desktop:



3. Open the installer



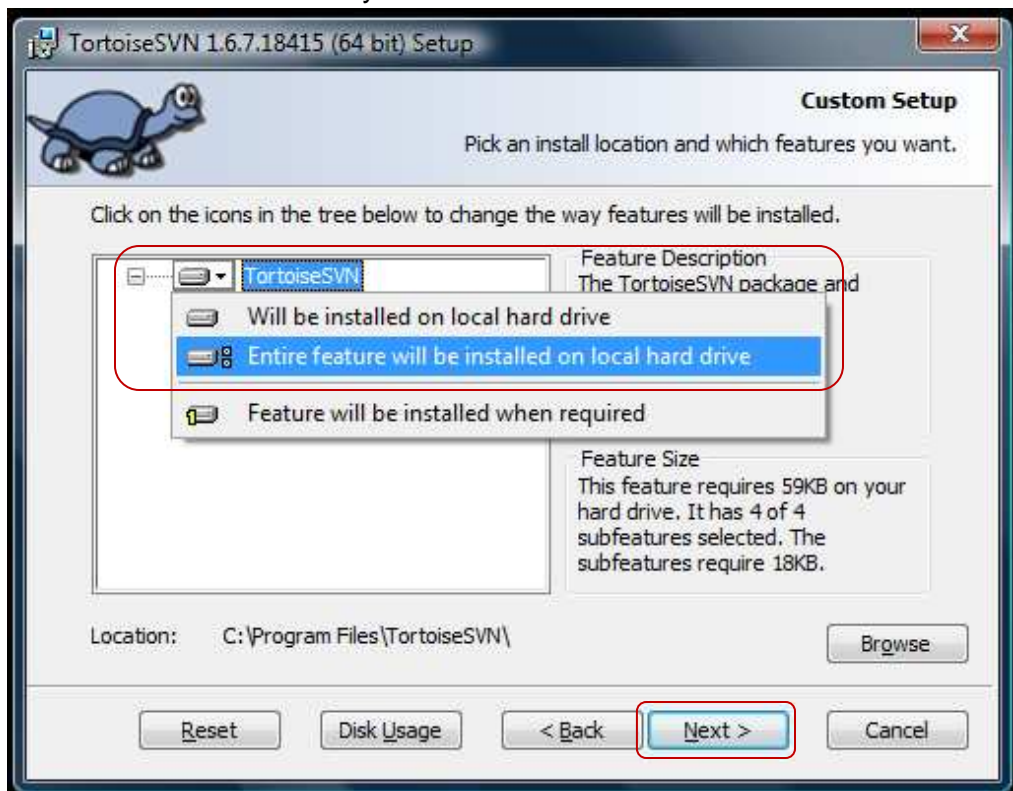
4. Click "Next"



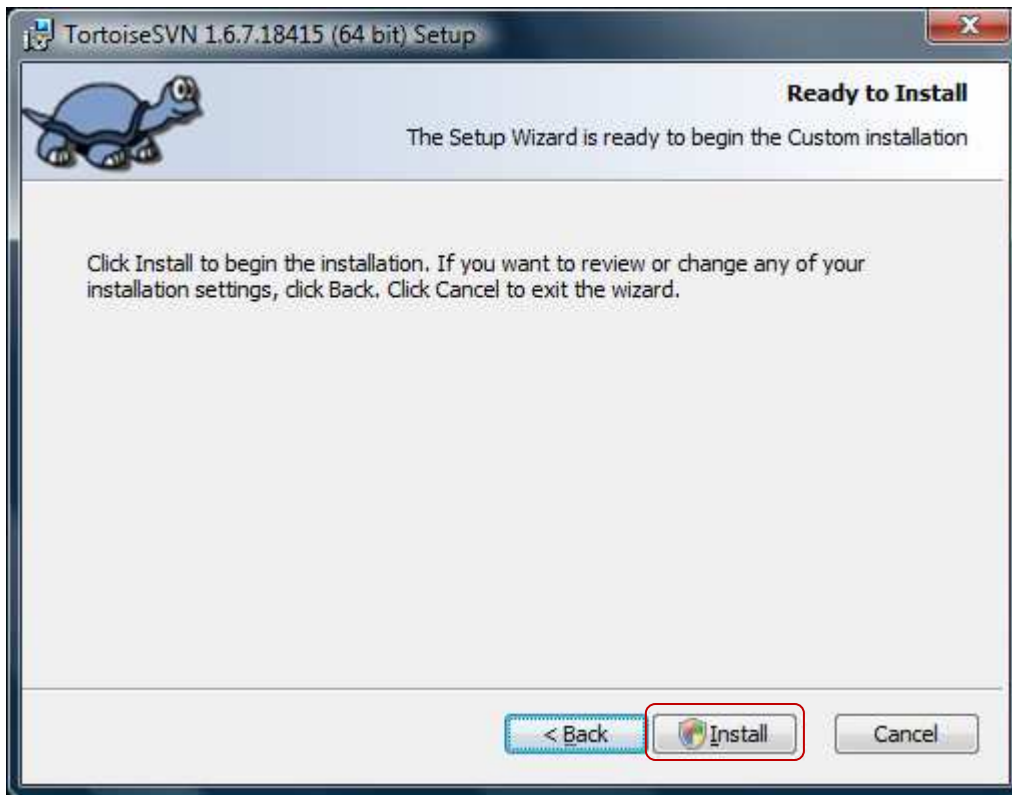
5. Accept the license terms and click "Next"



6. Install all of the features on your local hard drive

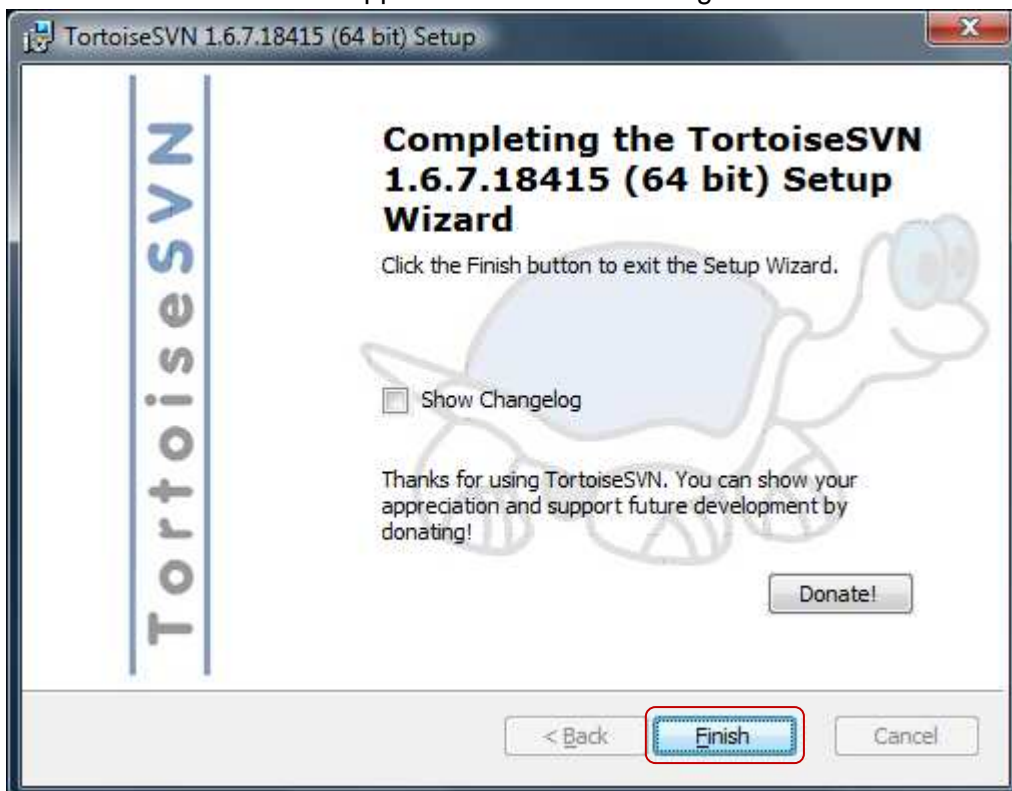


7. Click on "Install"



NOTE: If prompted by Windows User Account Control, click on "Continue"

8. Click on "Finish" when the application is done installing



- Restart your computer if requested to
- Your installation of TortoiseSVN is now complete.

Subclipse

- Open a web browser and go to: <http://subclipse.tigris.org>
- Click on “Downloads”

The screenshot shows the Subclipse project page on tigris.org. The page has a green header with the tigris.org logo and the text 'Open Source Software Engineering Tools'. Below the header are navigation tabs: 'My pages', 'Projects', 'Community', and 'openCollabNet'. The 'Projects' tab is selected, and the breadcrumb 'Projects > subclipse' is shown. On the left is a sidebar with 'Project pages' (Project home, Screenshots, Download and Install, Issues and Help) and 'Project tools' (Membership, Announcements, Discussions, Documents & files, Wiki, Subversion, Issue tracker, Project metrics). A search box is also present. The main content area shows the 'subclipse Project home' with a maintenance window announcement: 'There will be a brief (1 hour) maintenance window beginning at 9:30pm PDT on April 28, 2010, to install...'. Below this is a navigation bar with tabs: 'Project home', 'Screenshots', 'Download and Install', and 'Issues and Help'. The 'Download and Install' tab is highlighted with a red box. The main heading is 'Subclipse' with a version indicator '106.7K Lines'. The description reads: 'Subclipse is an Eclipse Team Provider plug-in providing support for Subversion within the Eclipse IDE. The License (EPL) 1.0 open source license.' At the bottom, there is a 'News' section with the title 'CollabNet Merge Client now included!' and a brief description.

- Copy this link to your clipboard

The screenshot shows the 'Current Release' section of the Subclipse project page. The section is titled 'Current Release' and highlights the release information for Eclipse 3.2/Callisto, 3.3/Europa, 3.4/Ganymede, and 3.5/Galileo. It states that Subclipse 1.6.10 and 1.4.8 are now available for Eclipse 3.2+!. It provides links for the changelog, Eclipse update site URL, and zipped downloads for both 1.6.x and 1.4.x releases.

Current Release
Eclipse 3.2/Callisto, 3.3/Europa, 3.4/Ganymede, 3.5/Galileo +
Subclipse 1.6.10 and 1.4.8 are now available for Eclipse 3.2+!

See the changelog for details. Existing Subclipse users should read the [upgrade instructions](#) for important information new version in the update manager.

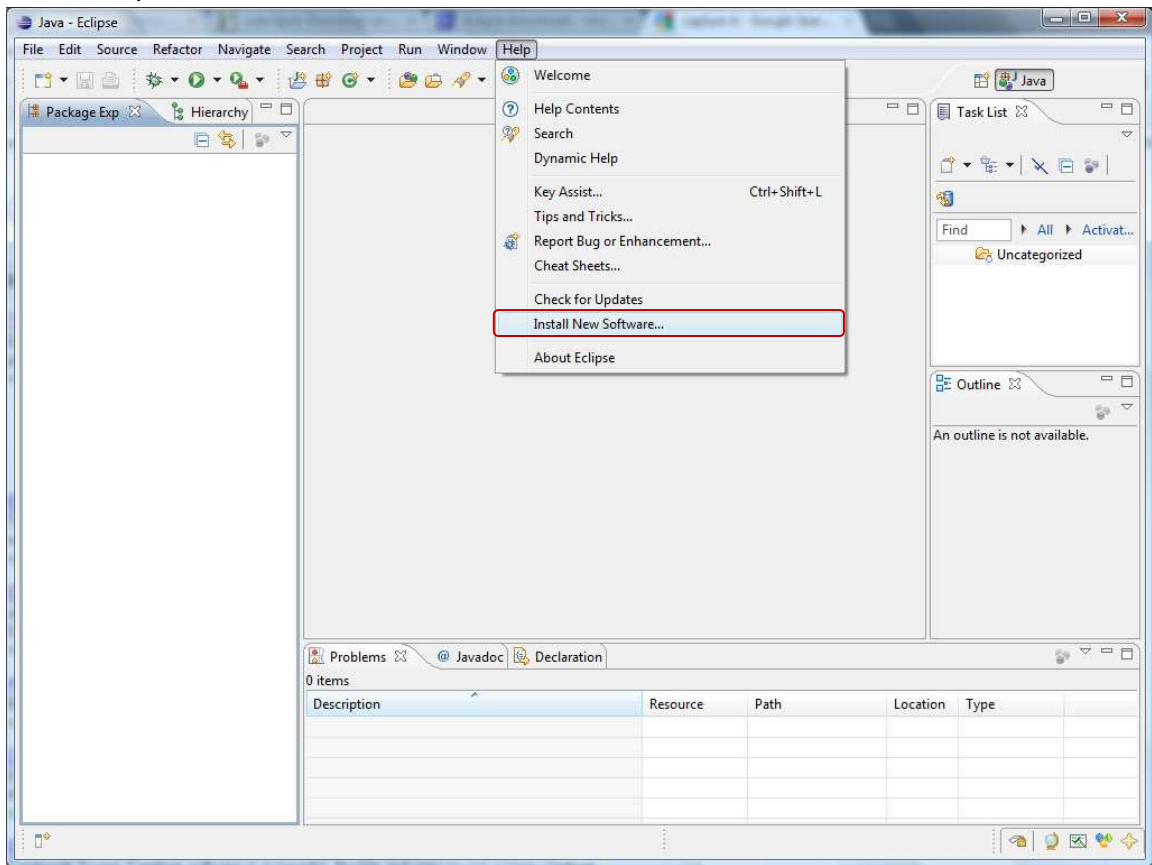
Subclipse 1.4.x includes and requires Subversion 1.5.x client features and working copy format.
 Subclipse 1.6.x includes and requires Subversion 1.6.x client features and working copy format.

Links for 1.6.x Release:
 Changelog: http://subclipse.tigris.org/subclipse_1.6.x/changes.html
 Eclipse update site URL: http://subclipse.tigris.org/update_1.6.x
 Zipped downloads: <http://subclipse.tigris.org/servlets/ProjectDocumentList?folderID=2240>

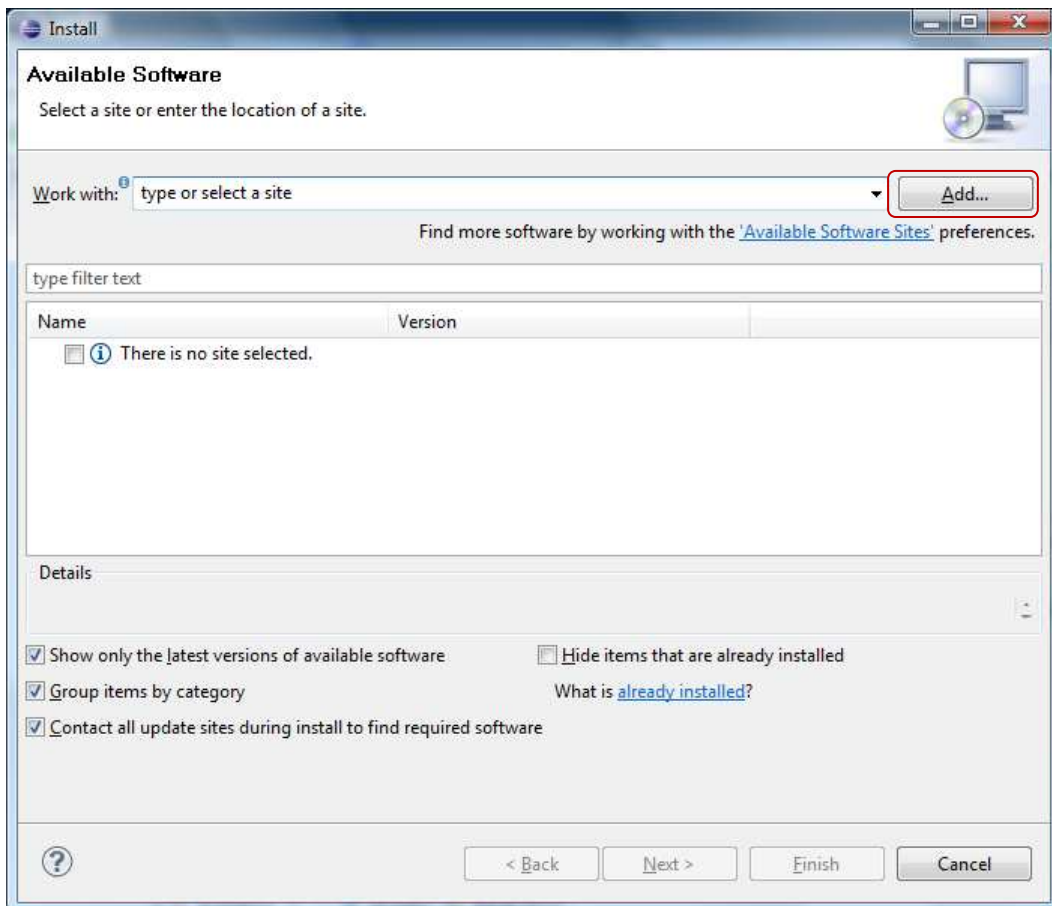
Links for 1.4.x Release:
 Changelog: http://subclipse.tigris.org/subclipse_1.4.x/changes.html
 Eclipse update site URL: http://subclipse.tigris.org/update_1.4.x
 Zipped downloads: <http://subclipse.tigris.org/servlets/ProjectDocumentList?folderID=2240>

- Open Eclipse

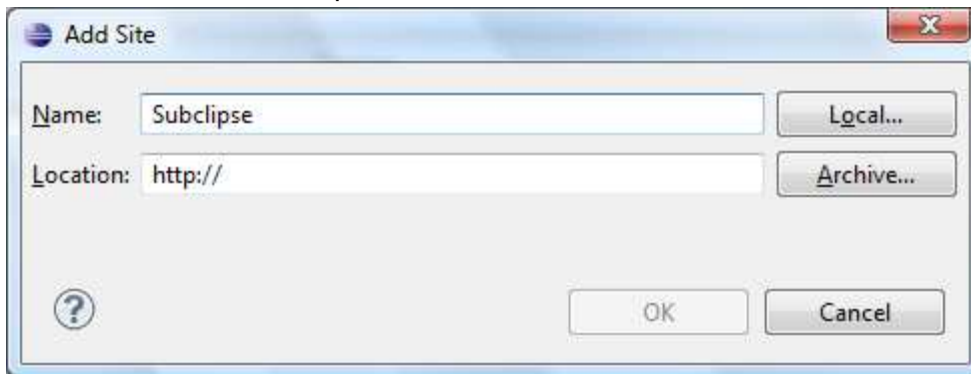
5. Go to “Help >> Install New Software...”



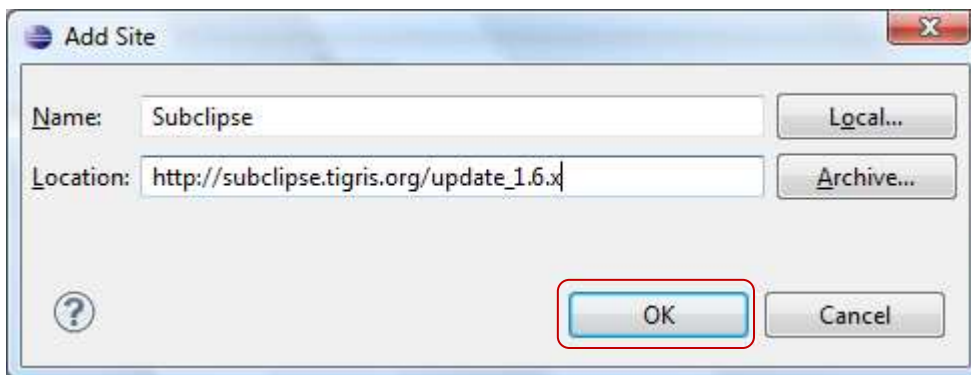
6. Click on “Add...”



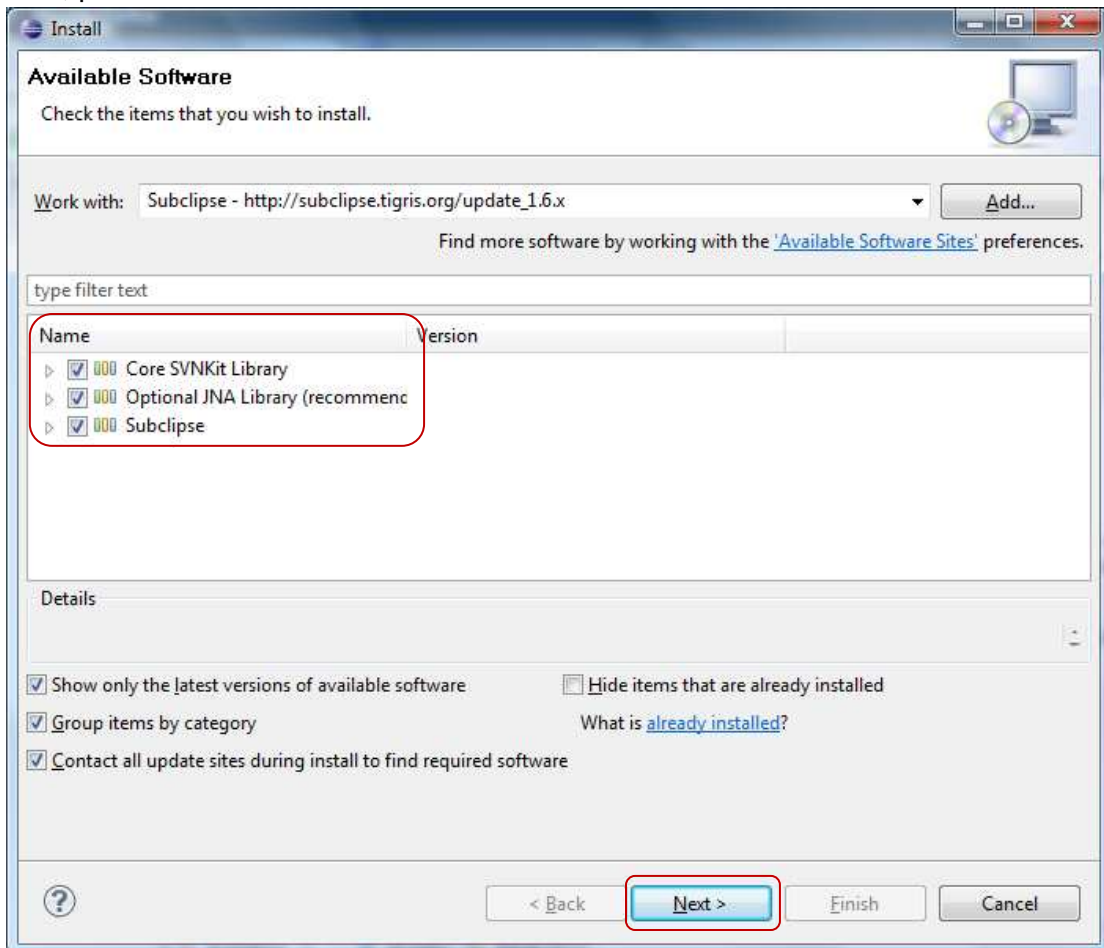
7. Fill in "Name" with "Subclipse"



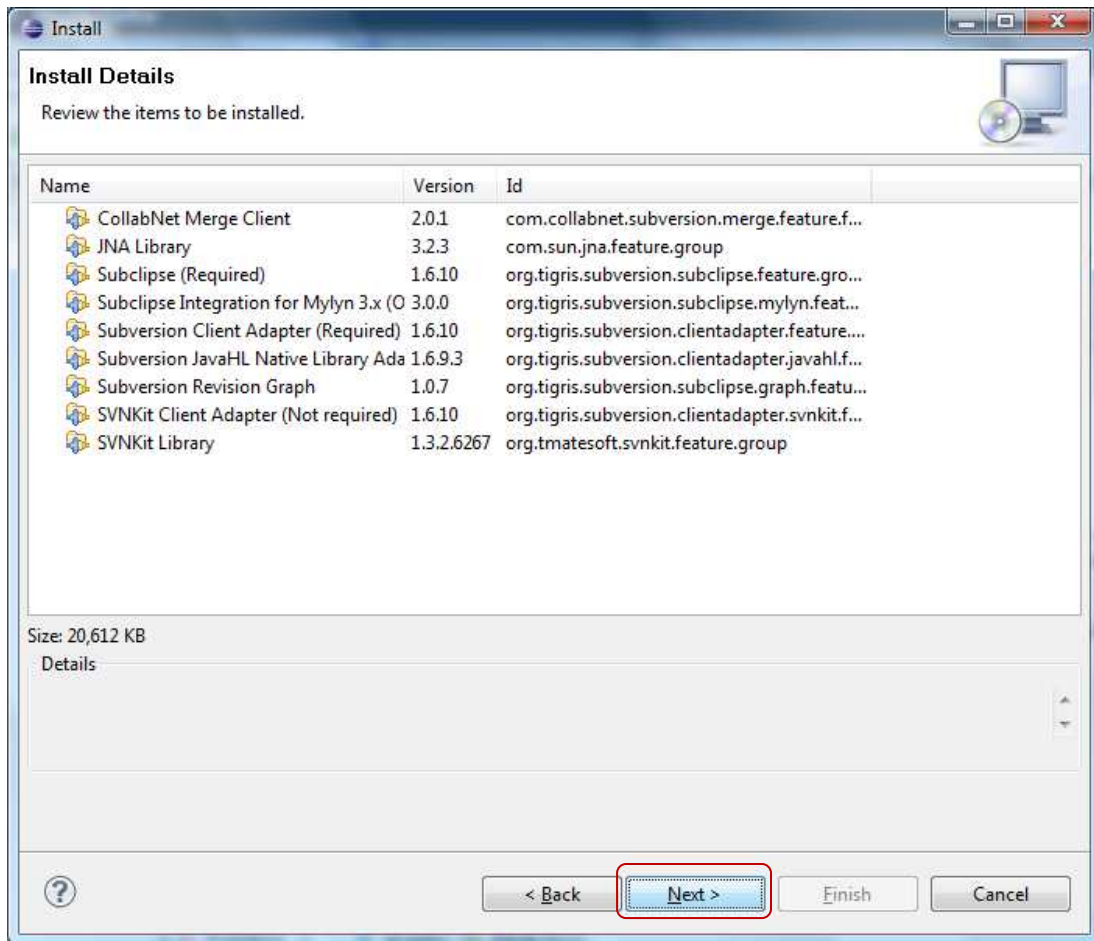
8. Fill in "Location" with the address that was copied to your clipboard in step 3 and click "OK"



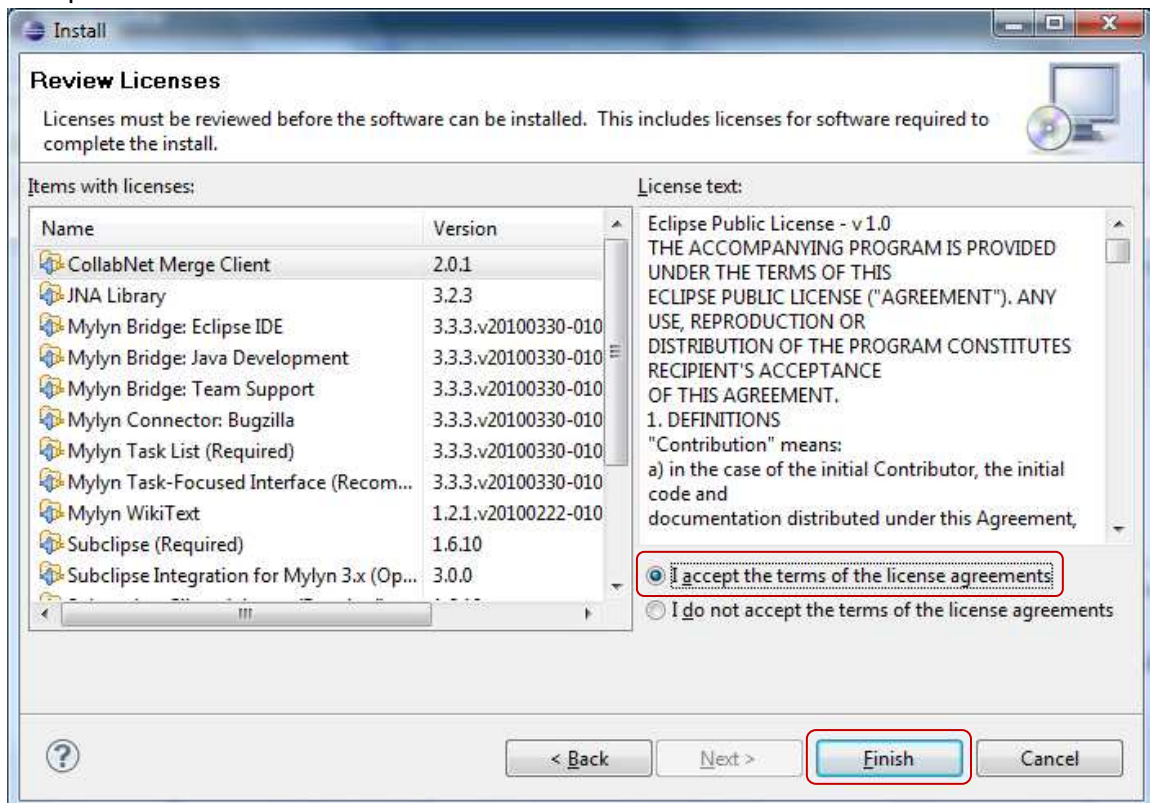
9. Next, place checkmarks in all of the boxes under "Name" and click "Next"



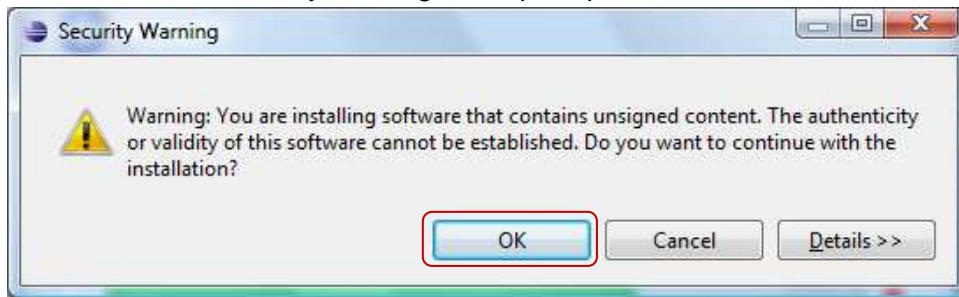
10. Click "Next" at the review screen



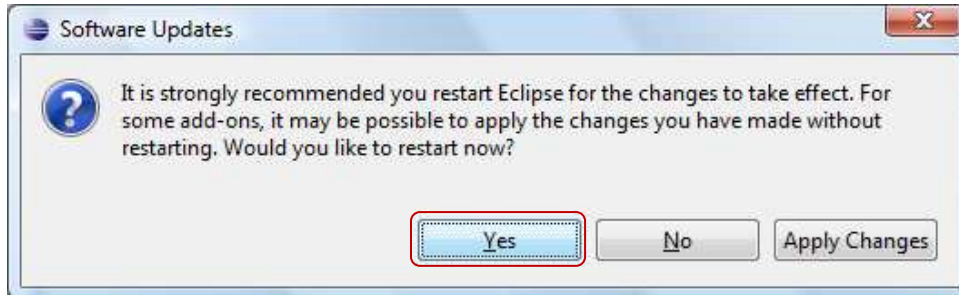
11. Accept the terms of the license and click "Finish"



12. Click "Ok" to the security warning when prompted:



13. Click "Yes" to restart Eclipse



Your Subclipse install is now complete.

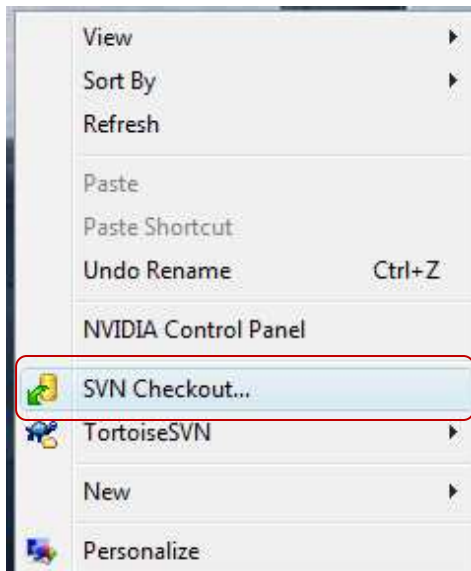
Setup Guides

TortoiseSVN

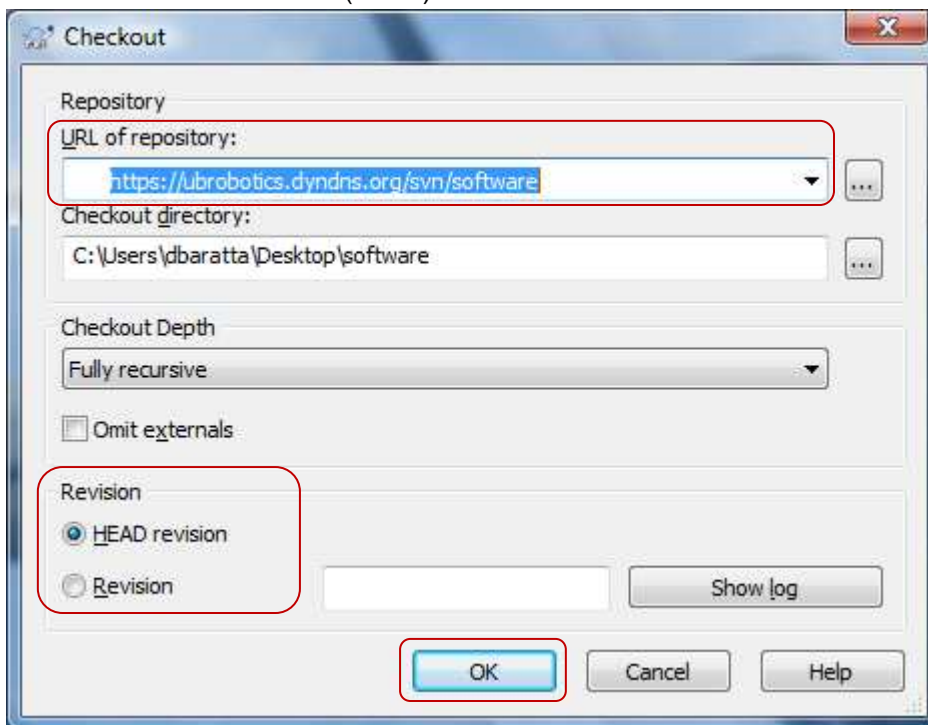
Please note these repository locations:

Software: <https://ubrobotics.dyndns.org/svn/software>
Electrical: <https://ubrobotics.dyndns.org/svn/electrical>
Mechanical: <https://ubrobotics.dyndns.org/svn/mechanical>

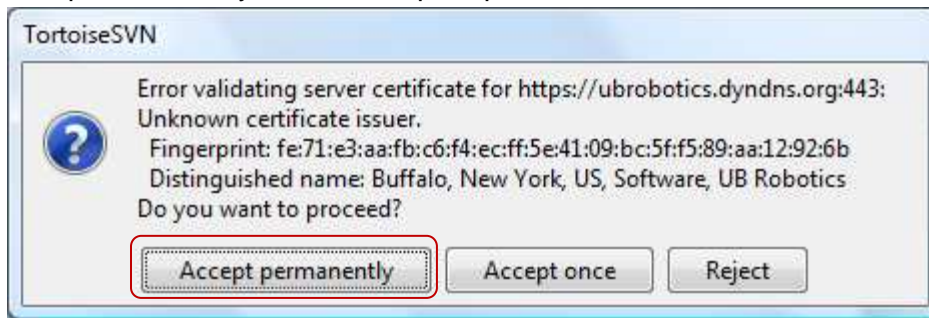
1. Right click either on your desktop or in the white-space of a windows explorer window, and select “SVN Checkout...”



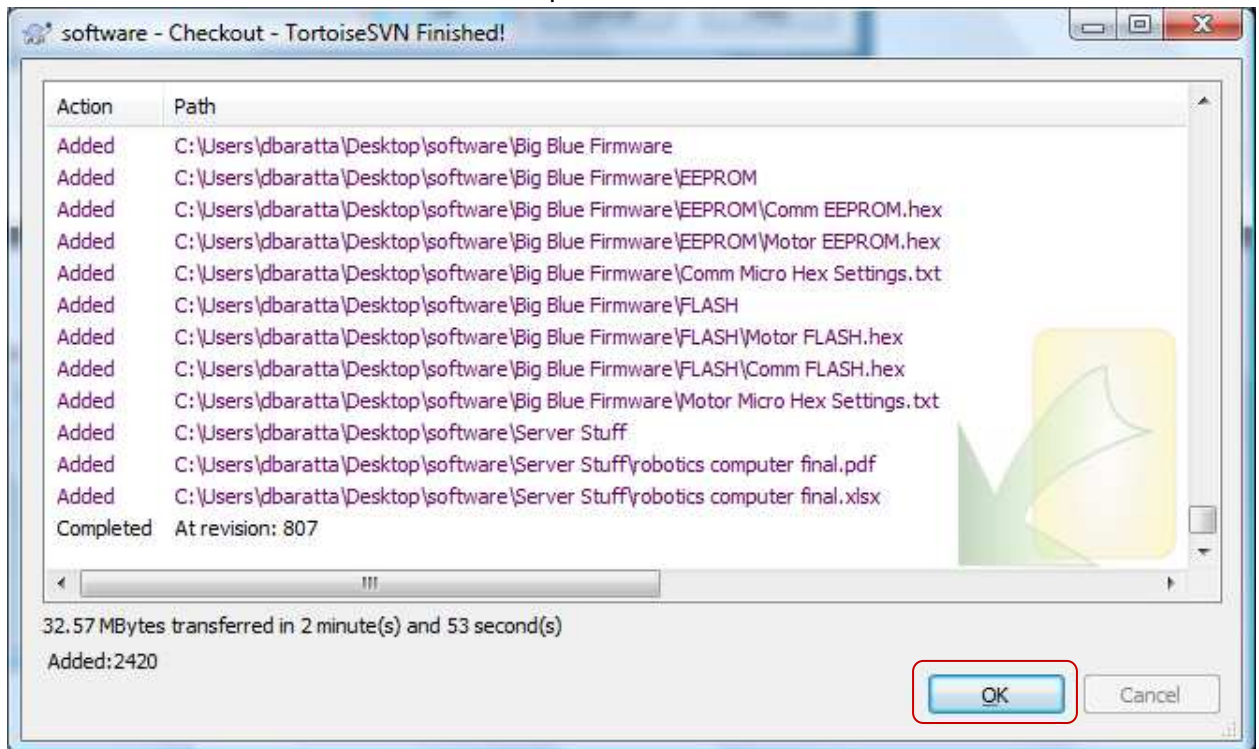
2. Enter in your respective repository location, and click ok, in this case I will use Software and checkout the “HEAD” (latest) revision



3. Accept our security certificate if prompted



4. Click on "OK" when the checkout has completed



your repository checkout is now complete.

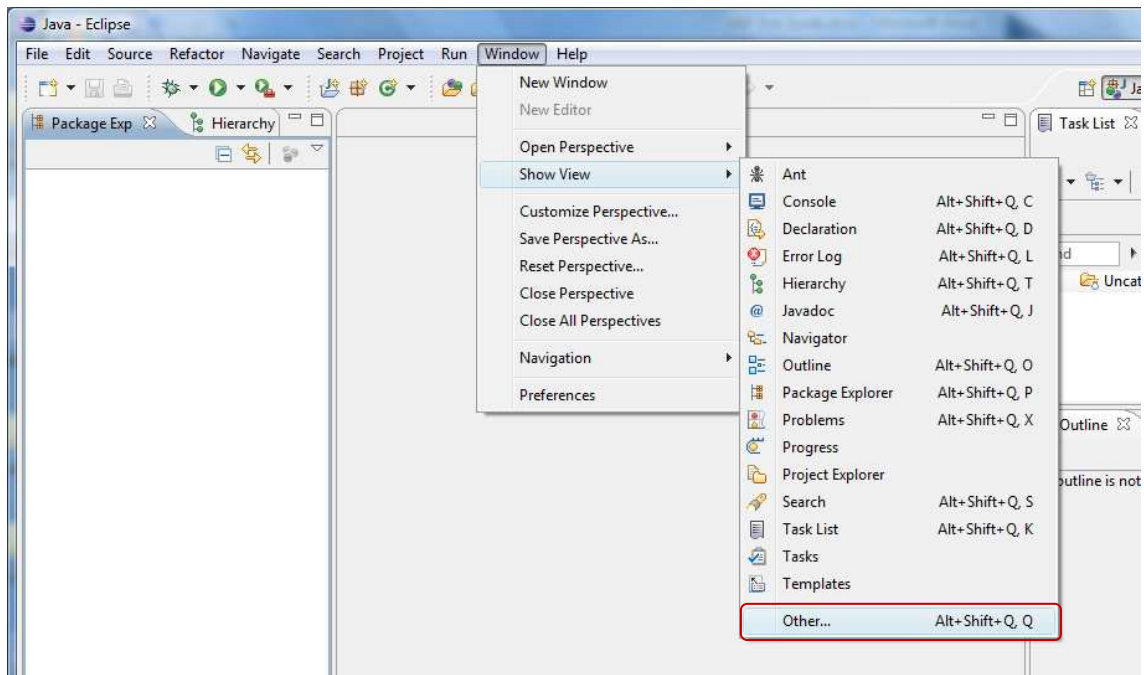
Subclipse

Please note these repository locations:

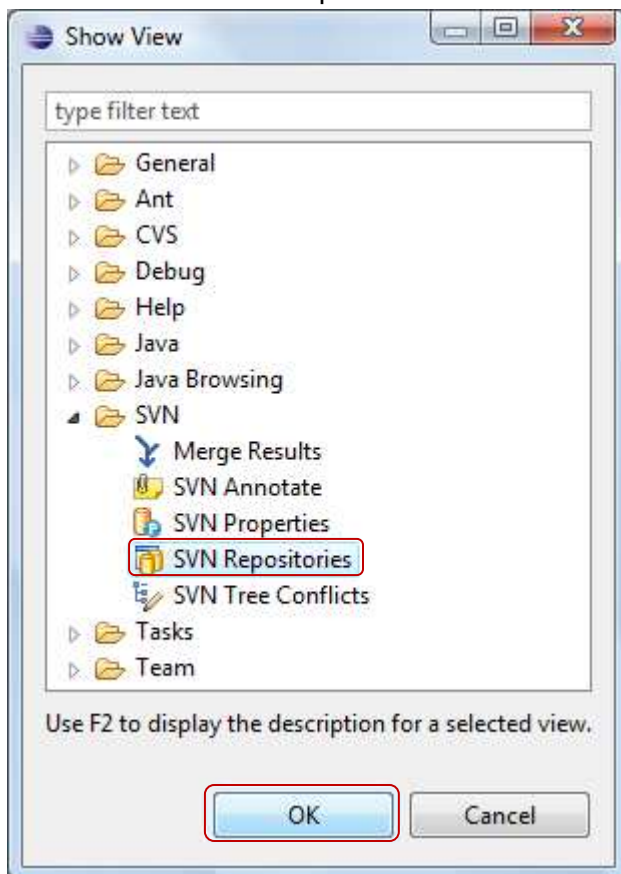
Software: <https://ubrobotics.dyndns.org/svn/software>
Electrical: <https://ubrobotics.dyndns.org/svn/electrical>
Mechanical: <https://ubrobotics.dyndns.org/svn/mechanical>

1. Open Eclipse

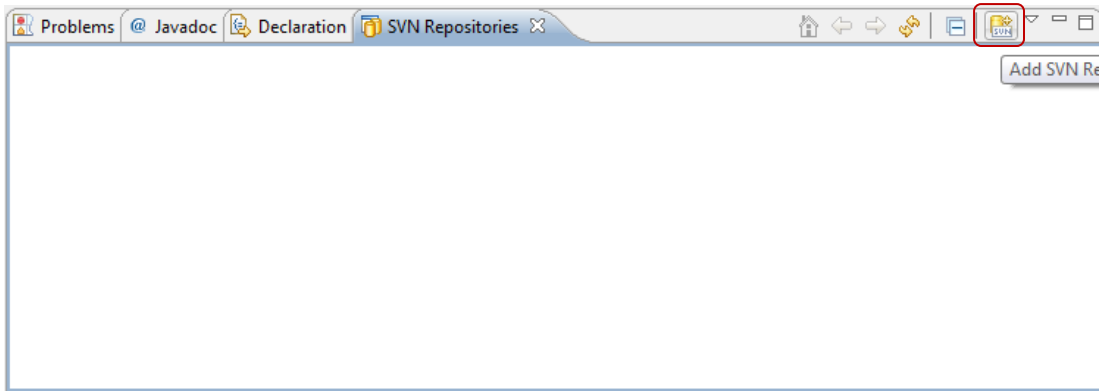
2. Go to “Window >> Show View >> Other...”



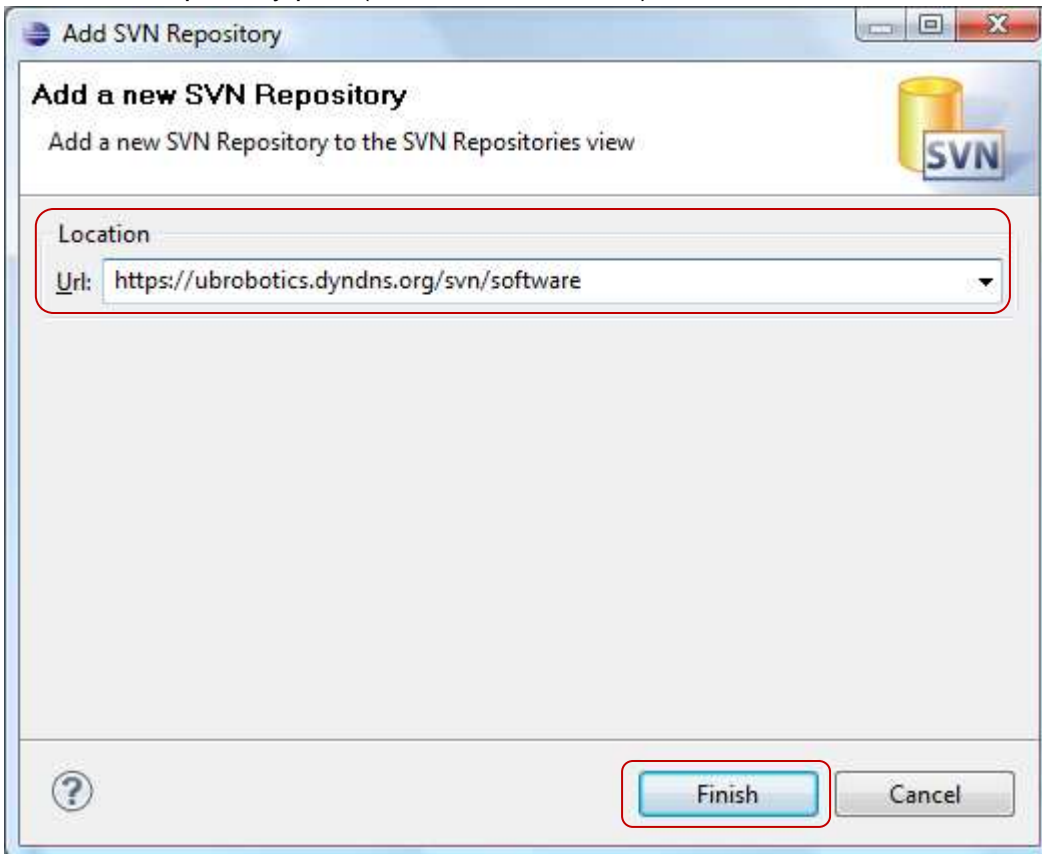
3. Select “SVN >> SVN Repositories” and click “OK”



4. Click on the button to add a SVN Repository



5. Enter in the repository path (Software in this case) and click "Finish"



your repository is now added into Subclipse

For Existing Installs

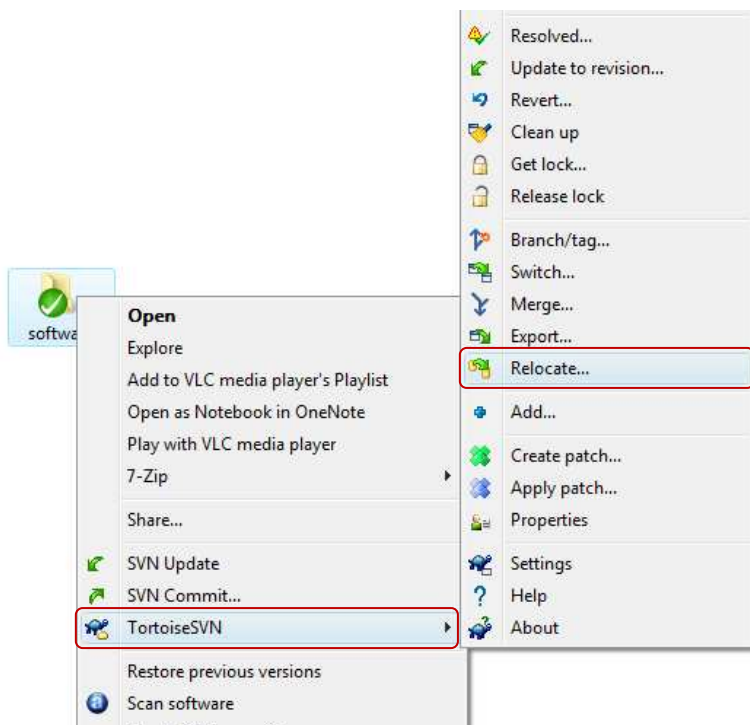
This section of this guide is for those that already had access to the old UB Robotics Subversion repositories, which were hosted on XP-Dev and need to simply update where their SVN paths are pointing.

Updating TortoiseSVN Locations

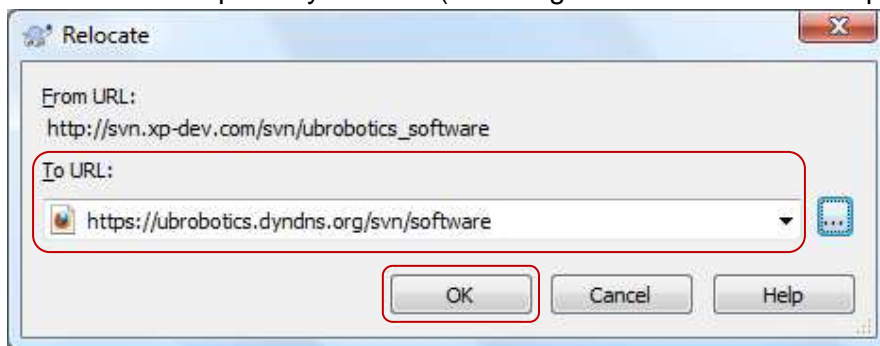
Please note these repository locations:

Software: <https://ubrobotics.dyndns.org/svn/software>
Electrical: <https://ubrobotics.dyndns.org/svn/electrical>
Mechanical: <https://ubrobotics.dyndns.org/svn/mechanical>

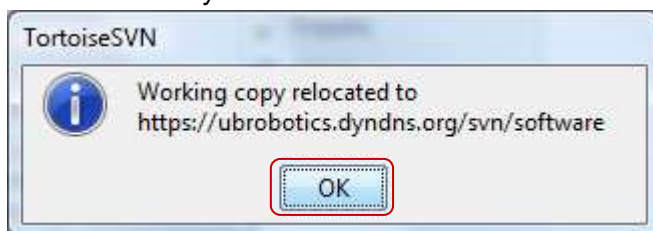
1. Right click on the folder which your repository is checked out to, and go to “TortoiseSVN >> Relocate...”



2. Enter the new repository location (I'm using Software for this example) and click “OK”



3. Click “OK” and you're done!

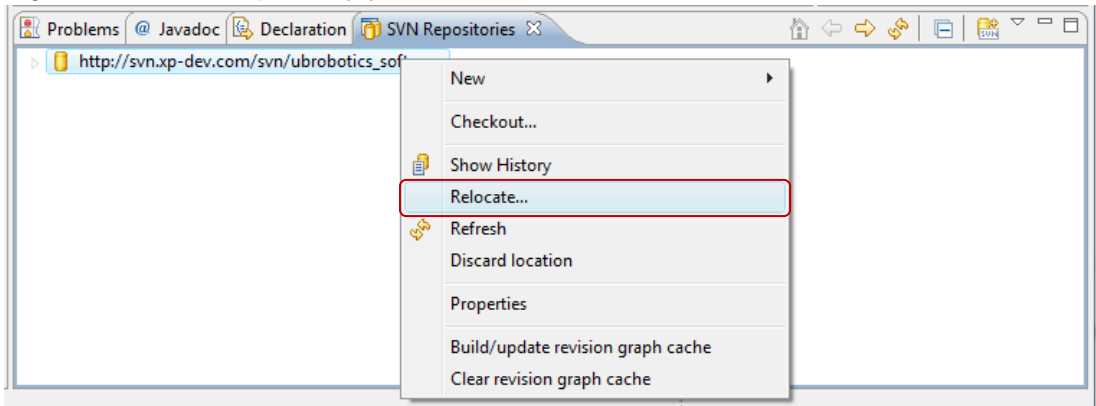


Updating Subclipse Locations

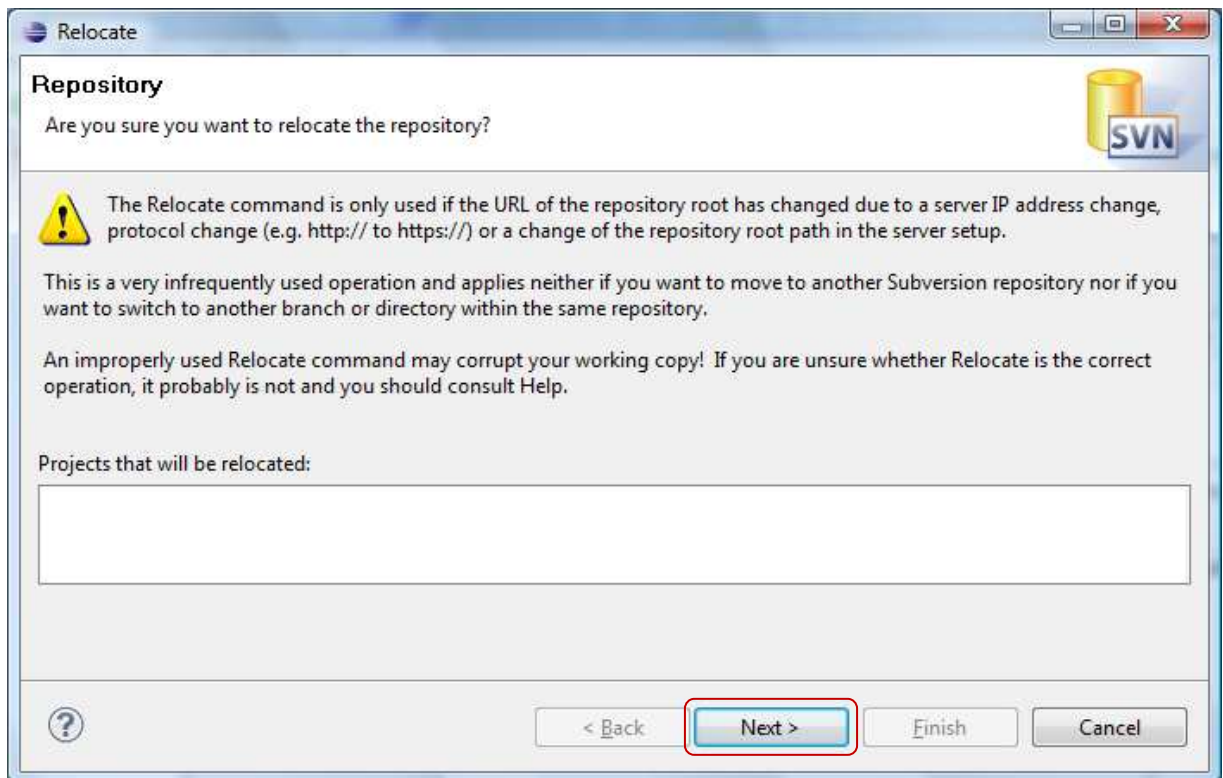
Please note these repository locations:

Software: <https://ubrobotics.dyndns.org/svn/software>
Electrical: <https://ubrobotics.dyndns.org/svn/electrical>
Mechanical: <https://ubrobotics.dyndns.org/svn/mechanical>

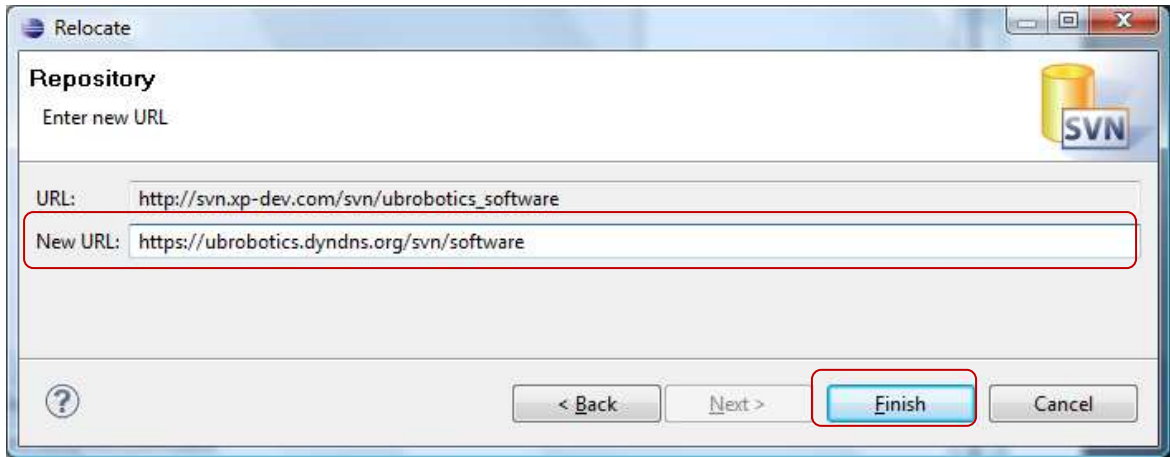
1. Right click on the repository you would like to move and select “Relocate”



2. Select “Next”



3. Enter in the new repository location (I'm using software in this example) and click "OK"



you're done!