

XLr8Editor



Version Control

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XLr8Editor Version Control

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Version 1.0
Created April 2011
Updated May 17, 2012

Printed in the United States of America
U2logic, 13963 Powhaton Road, Brighton, Colorado 80603

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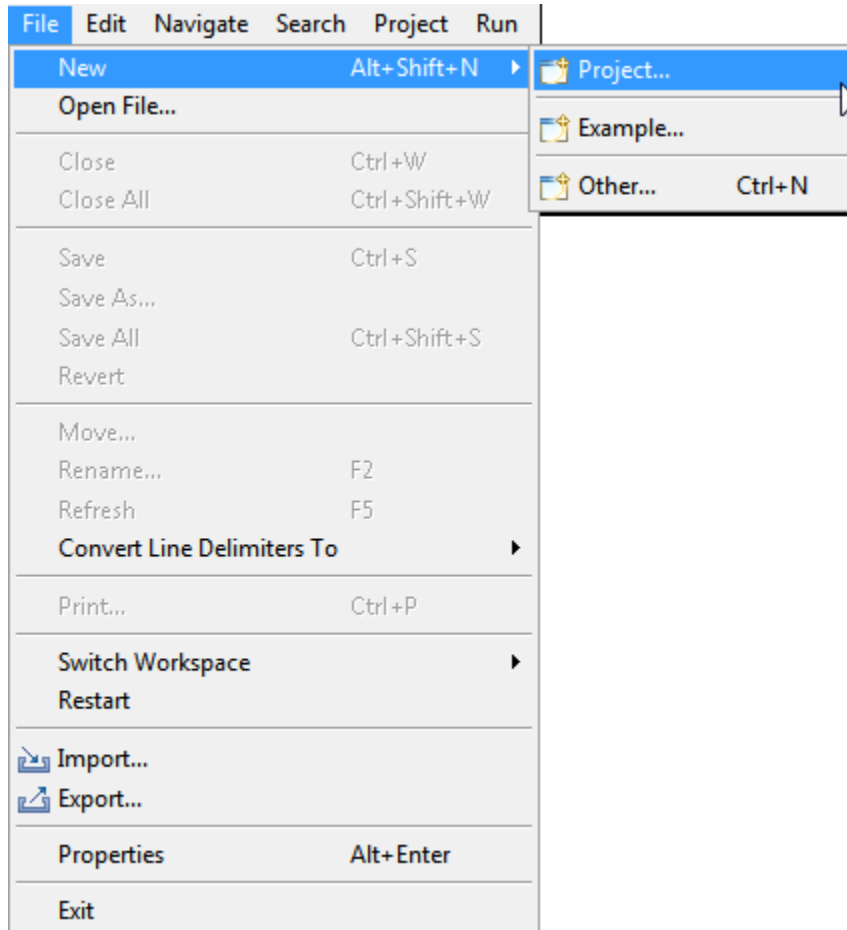
I. Executive Summary

Eclipse is fully version control cognizant. Eclipse comes built in with CVS versioning. You can add other version control system as long as there is a plug-in for them. Currently, Eclipse supports these version control systems:

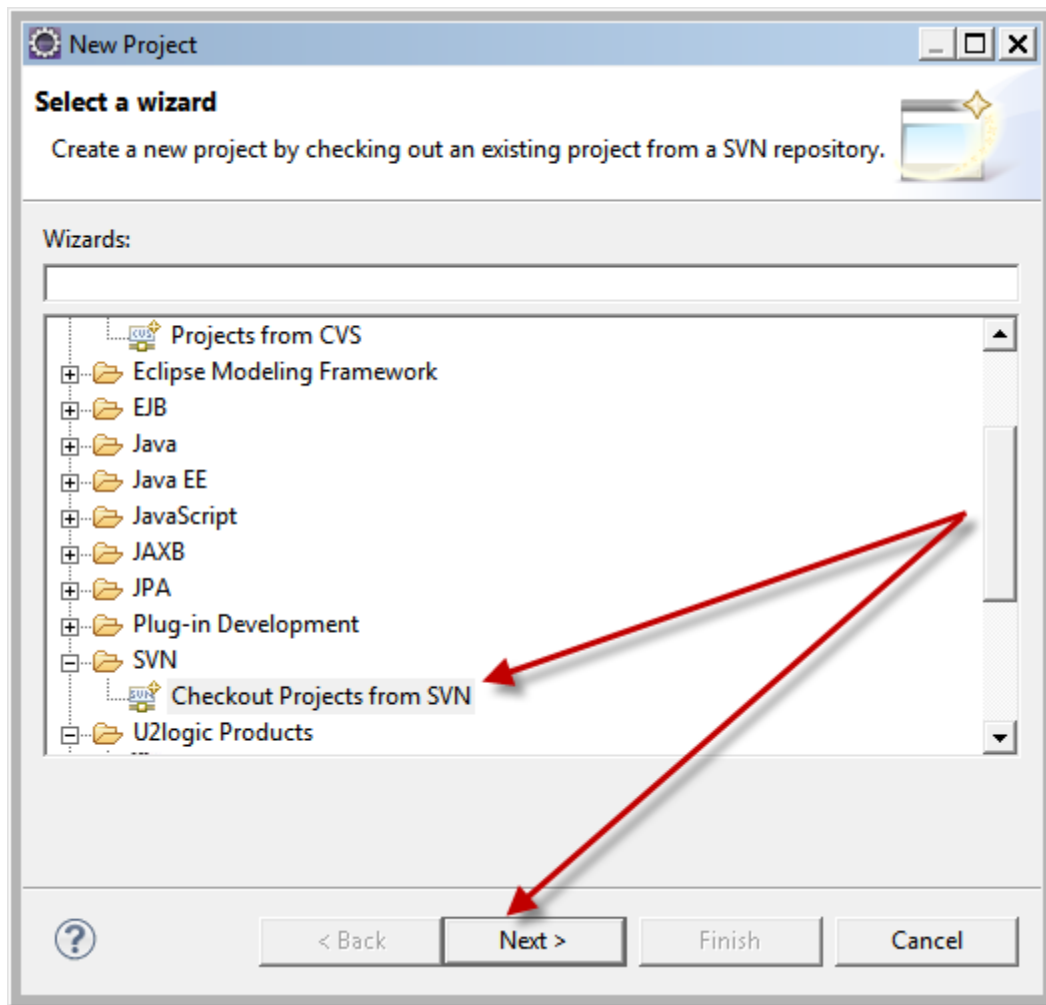
1. CVS
 - a. Built-in no extra plug-in required
 - b. Windows Server version is available at <http://www.march-hare.com/>
2. Subversion
 - a. Requires plug-in see http://subclipse.tigris.org/update_1.6.x
 - b. Windows Server version is available at <http://www.visualsvn.com/server/>
3. Perforce
 - a. Requires plug-in see <http://www.perforce.com/>
 - b. Requires server see <http://www.perforce.com/>
4. GIT
 - a. Requires plug-in see <http://download.eclipse.org/egit/updates>
 - b. Requires server see <http://code.google.com/p/msysgit/>
5. Team Foundation Server
 - a. Requires plugin see <http://msdn.microsoft.com/en-us/library/gg413285.aspx>
 - b. Requires server see <http://msdn.microsoft.com/en-us/vstudio/ff637362>

II. Creating a repository in Eclipse

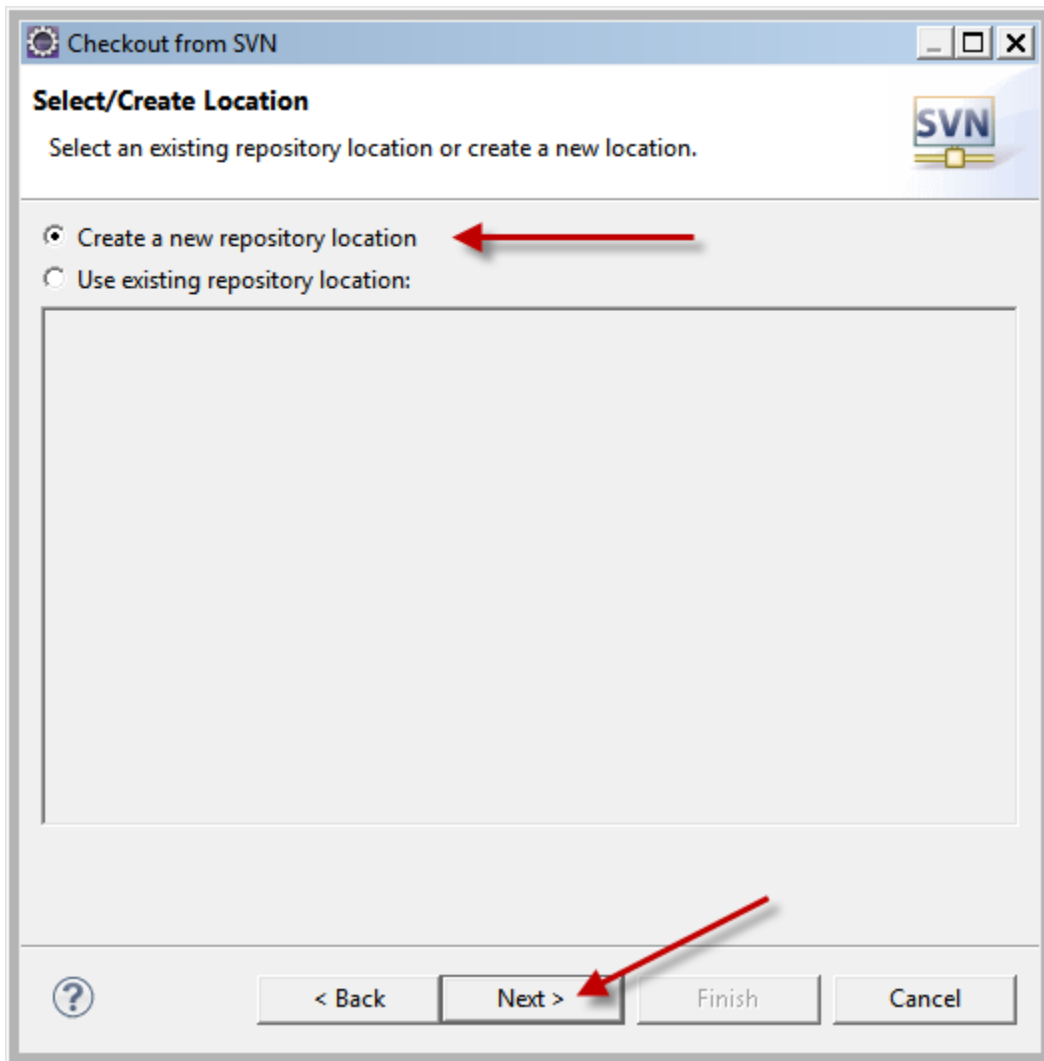
Use the Eclipse menu item File->New->Project to start this process.



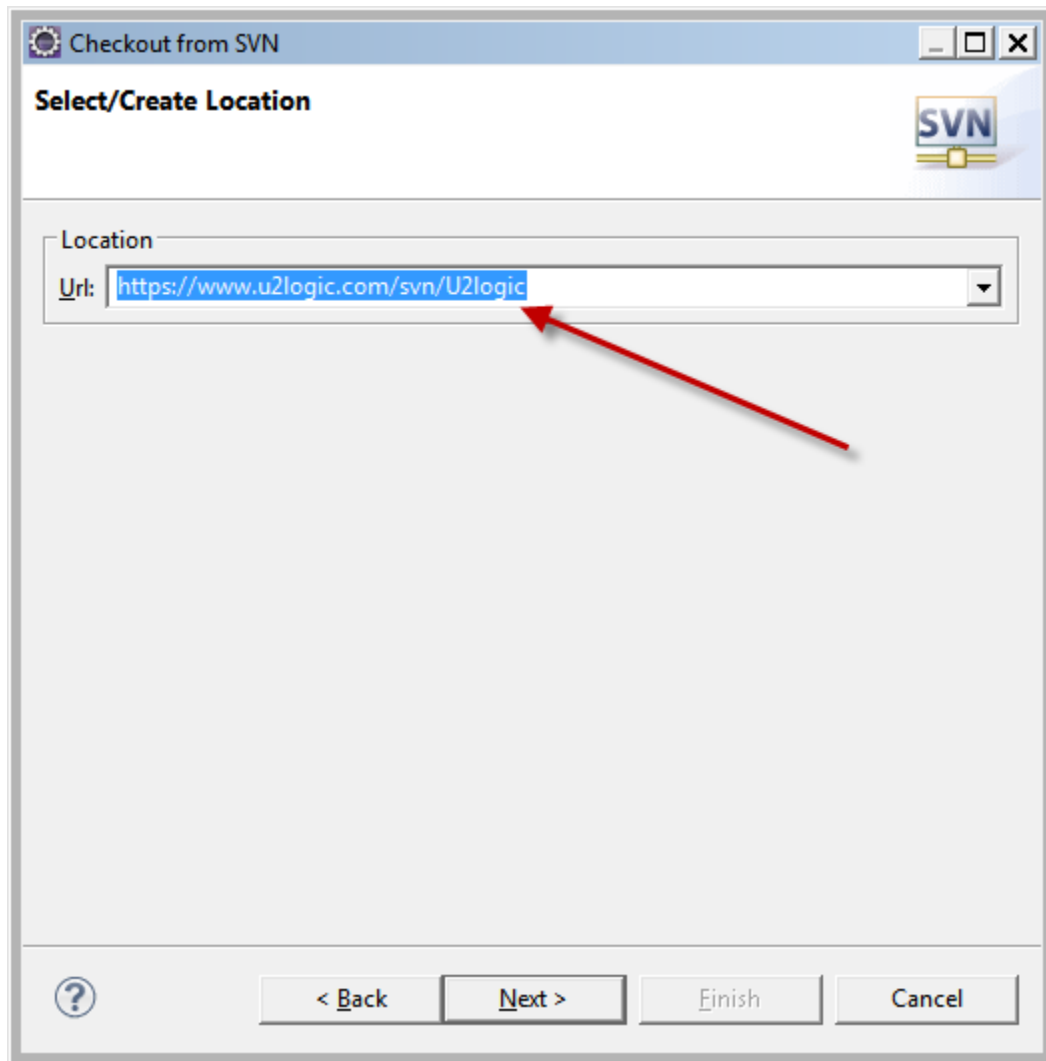
The select project wizard will display this form. In our example we are using Subversion. Now click on the next button:



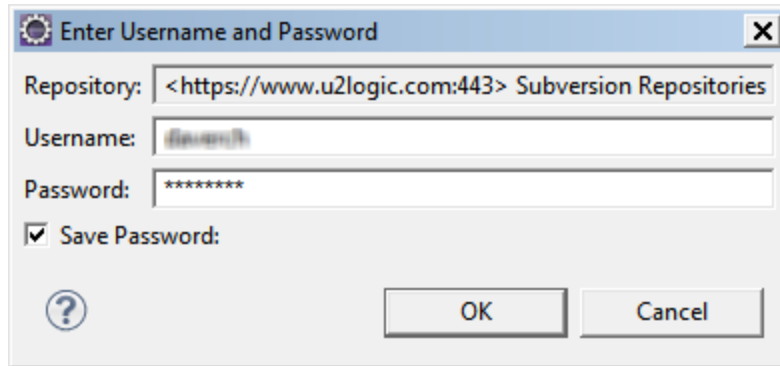
You will want to create a new repository, if you do not have one:



You must put in a valid URL like below:



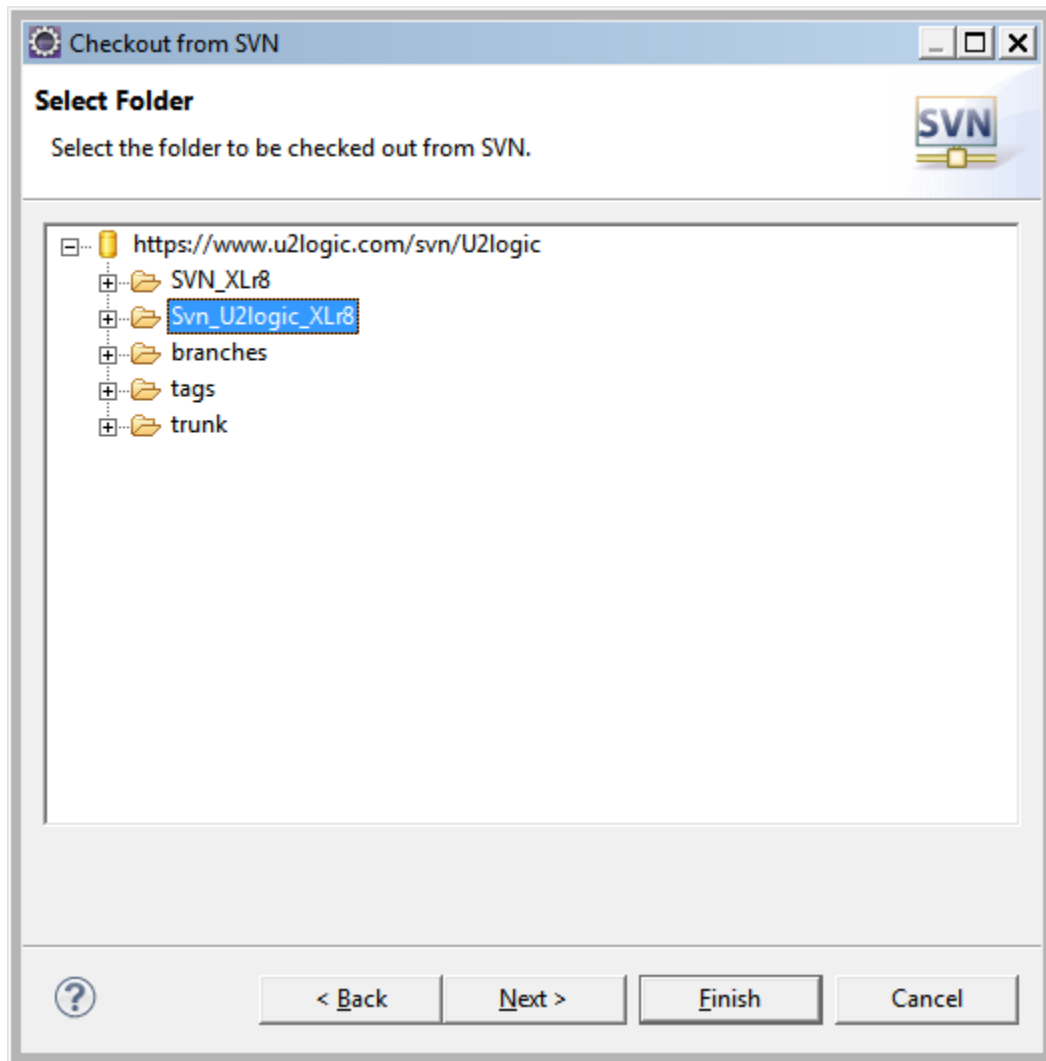
You will be asked for you user name and password:



The screenshot shows a dialog box titled "Enter Username and Password" with a close button (X) in the top right corner. The dialog contains the following fields and options:

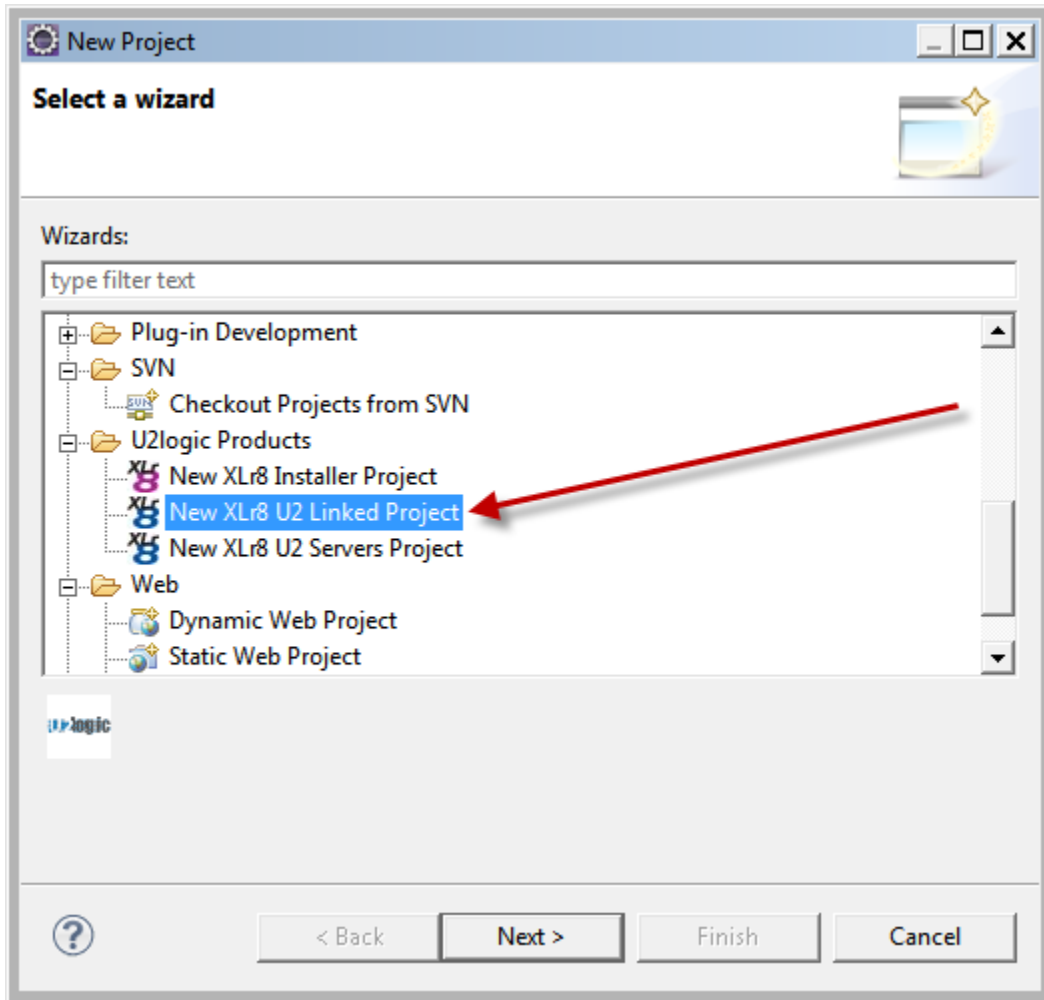
- Repository:** A text field containing the URL "<https://www.u2logic.com:443> Subversion Repositories".
- Username:** A text field containing the text "u2logic".
- Password:** A text field containing seven asterisks "*****".
- Save Password:** A checked checkbox labeled "Save Password:".
- Buttons:** A question mark icon on the left, and "OK" and "Cancel" buttons on the right.

You can now check out a folder from the version control, if they already exist:

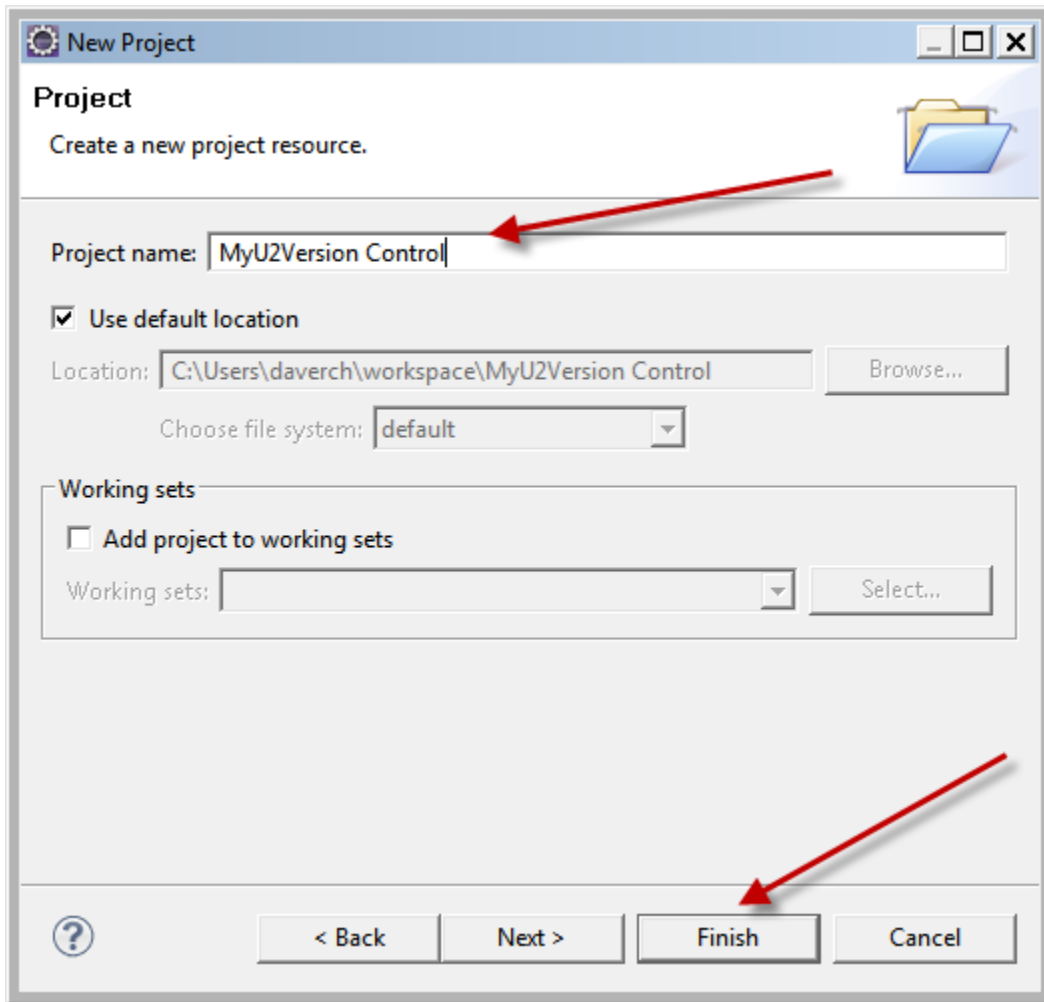


III. Adding a project to the repository

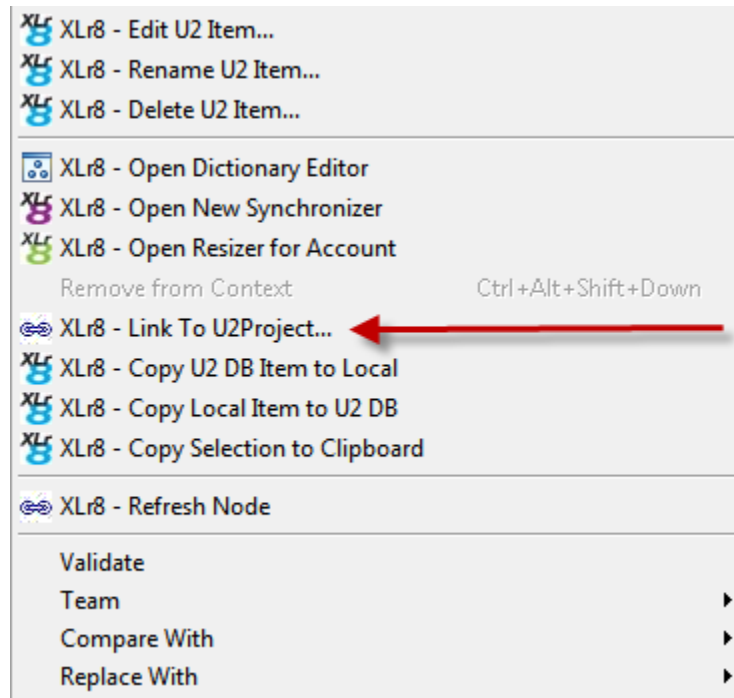
In order to create a version control for Universe or Unidata databases you must use the linked project wizard. To create a linked project follow menus File->New->Project. Click on the New XLr8 U2 Linked Project and press the next button.



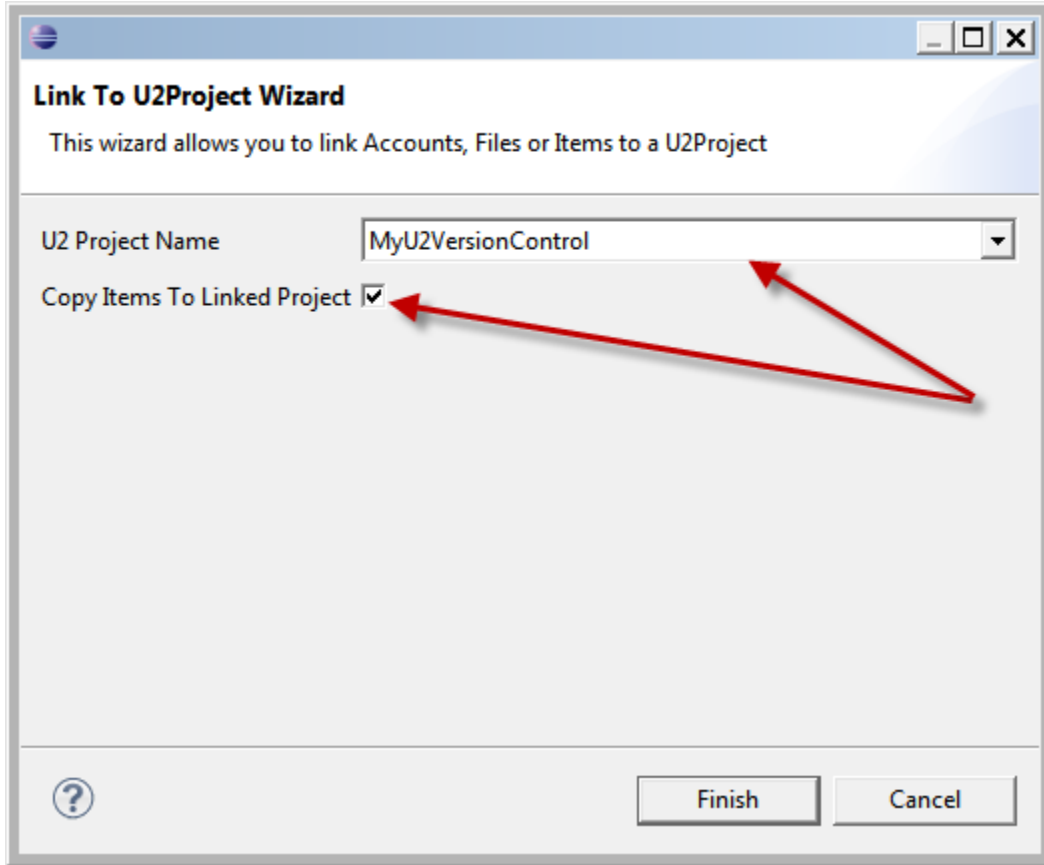
Type your project name and press finish.



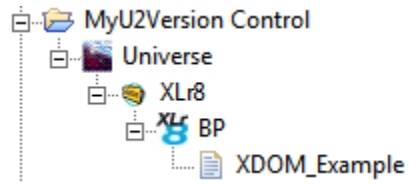
Open a server and an account. The next step is to link your programs, procs, files, and or dictionaries to your version control project. Now right click on the program name in this example in either the XLR8 Item list or in the Project Explorer. Pick the menu item below.



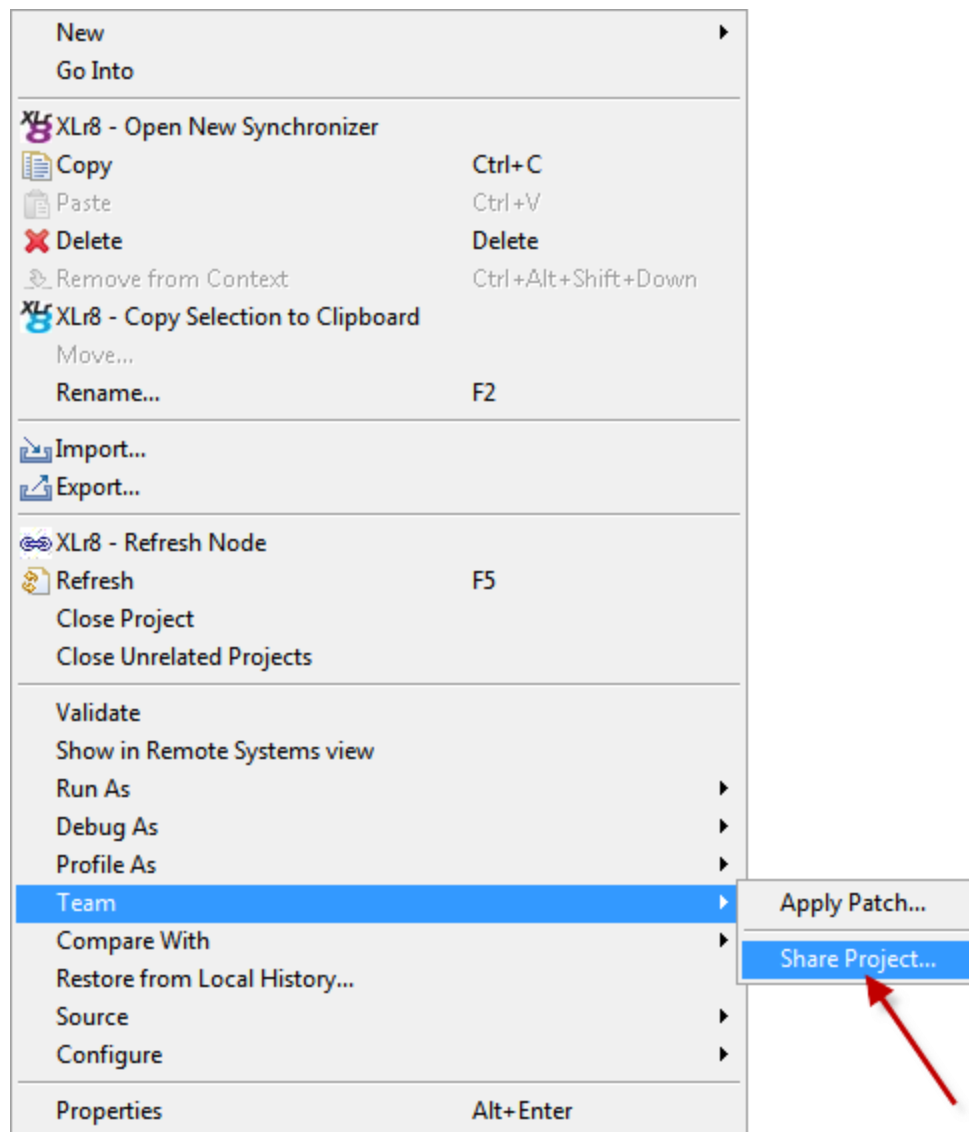
On the Link wizard pick the project name you would like to link this program to and press finish. You should check the “Copy Items...” if you want the system to copy all of the items you have highlighted previously.



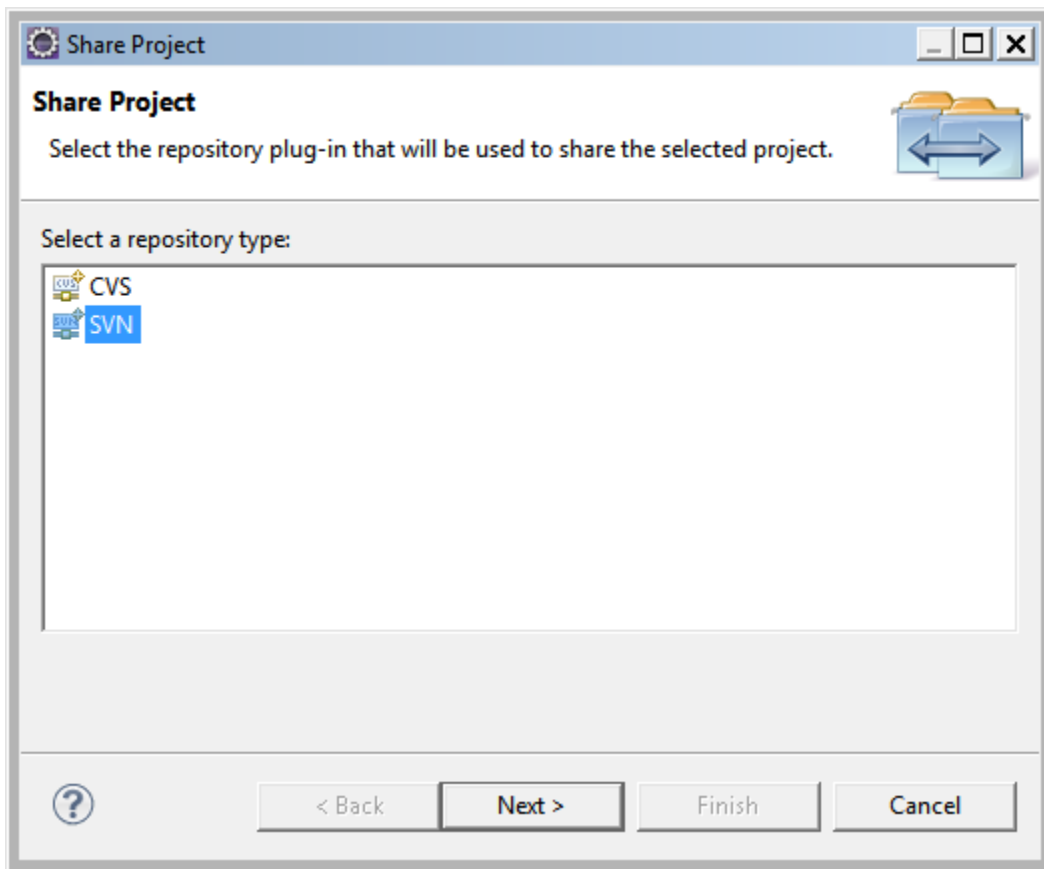
This is what are current linked projects looks like in our simple example. You can add more programs, dictionaries, procs, or files.



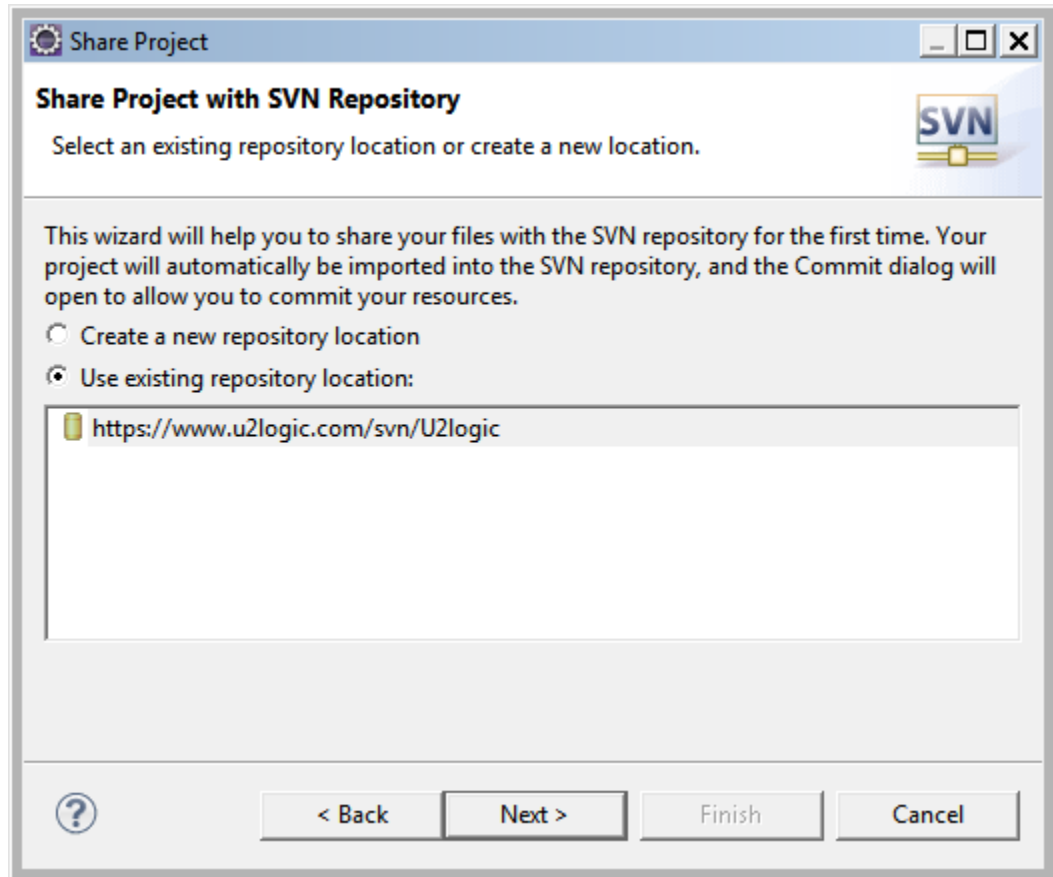
Highlight your version control project you need to right click and Team->Share Project.



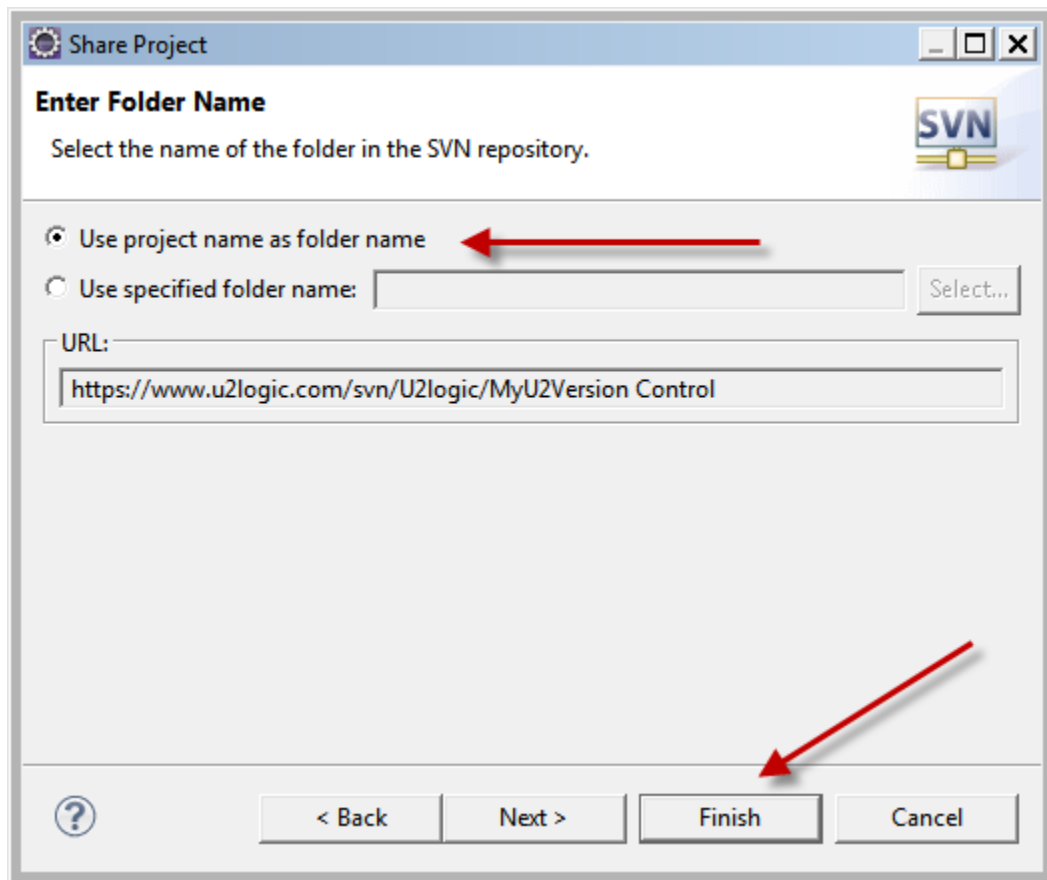
This will ask you which repository you would like to use. Our example here is using Subversion (SVN).



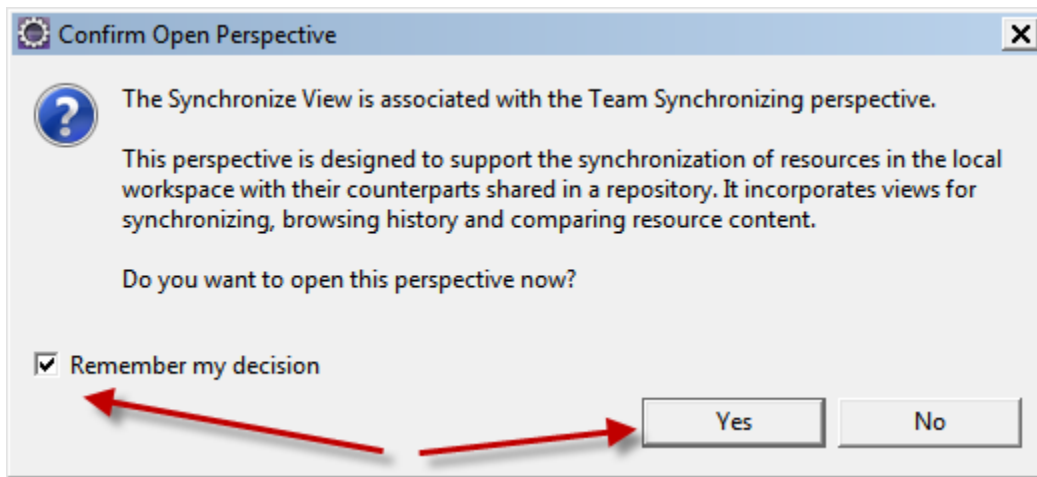
Your version control software will show you a wizard. From that wizard you can pick which repository you would like this project to version controlled into.



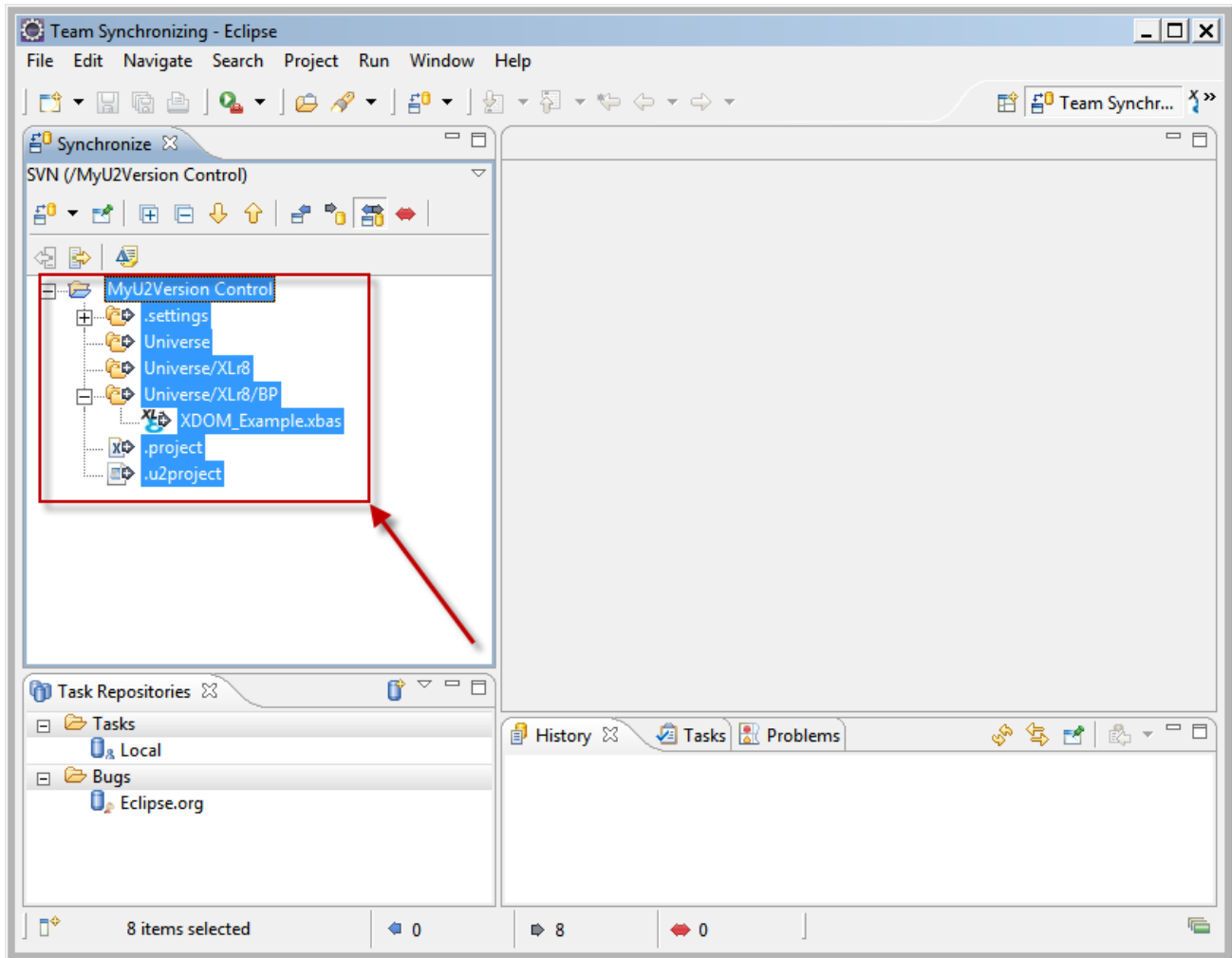
Pick the module name you would like to use or in this case we are using the project name as the module name:



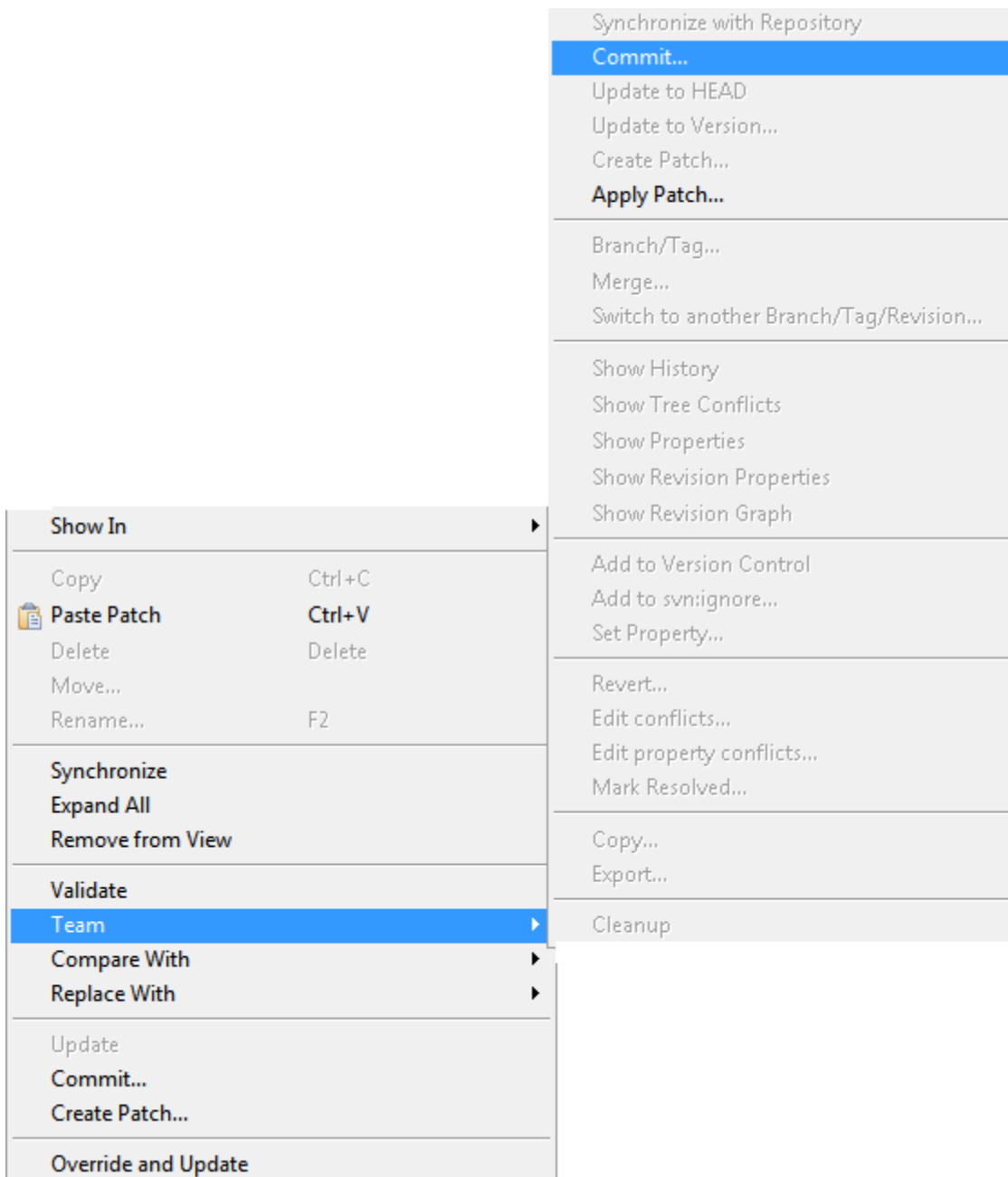
This only happens the first time through. You get to pick if you want the Team Synchronizing perspective which is what we are picking here:



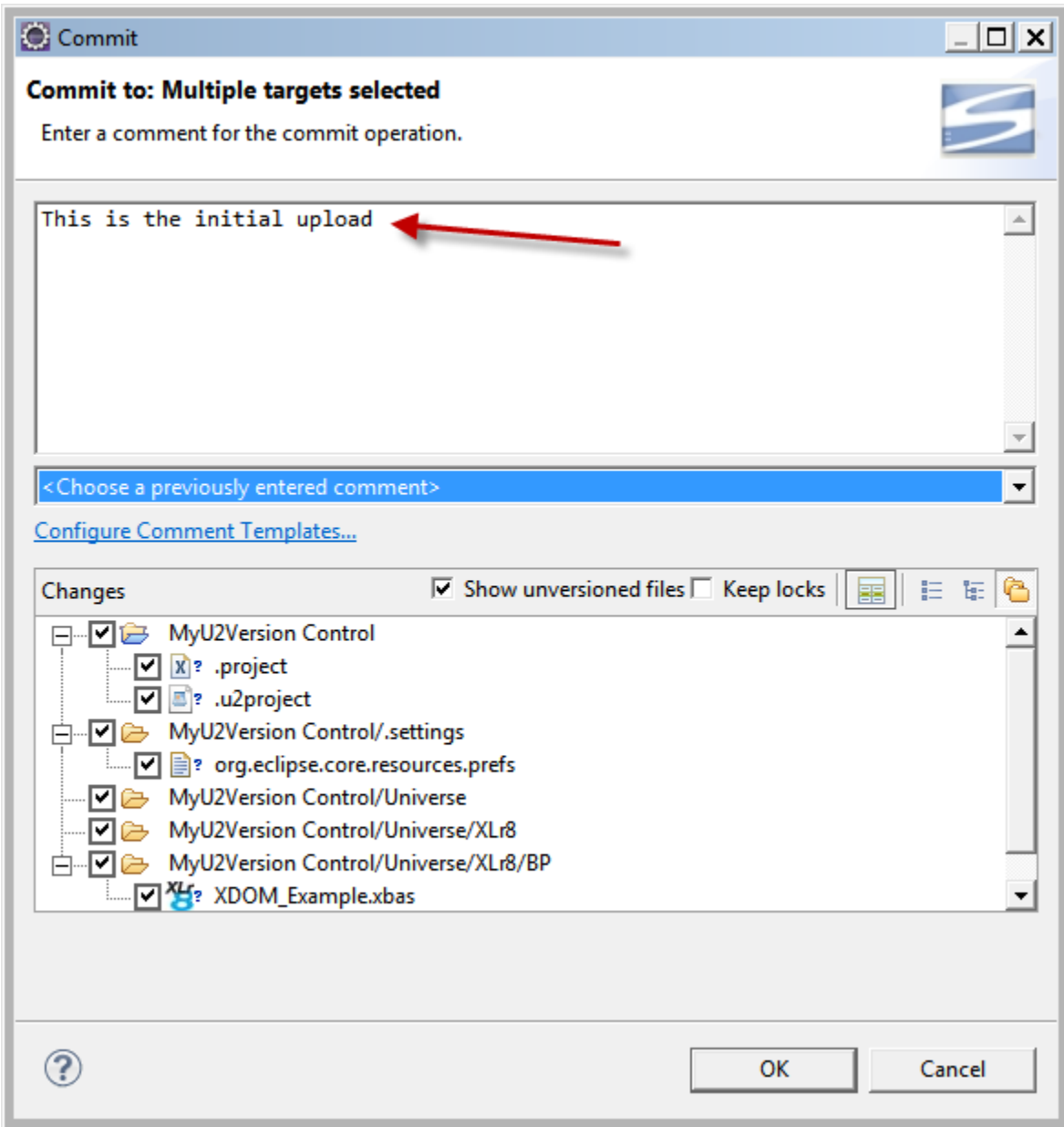
This screen will show what is going to be updated into the project:



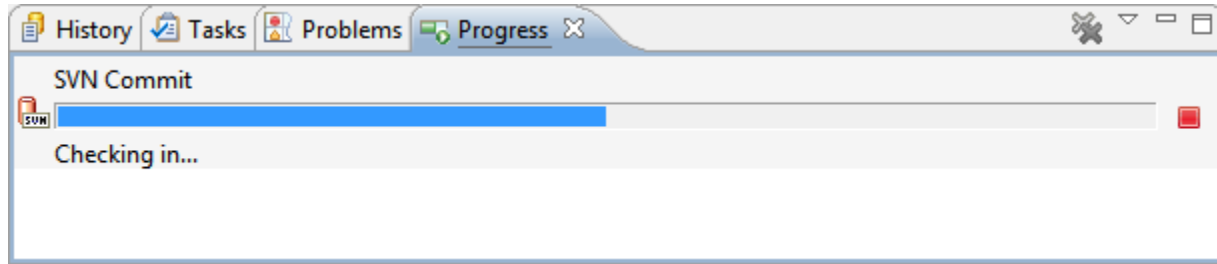
This is the menu you want to select after right clicking on the highlighted values:



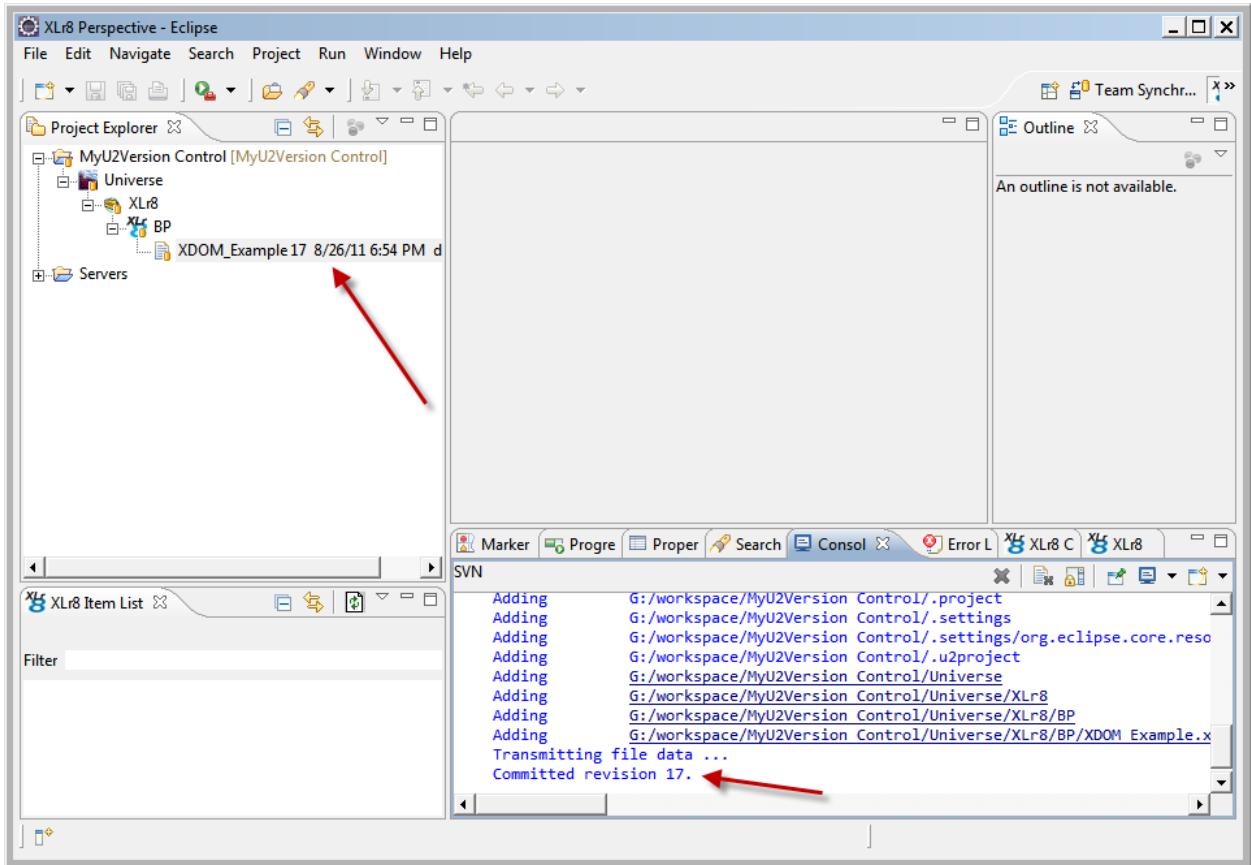
After you pick the menu item commit, you must enter some text or pick a prior comment:



The progress view will show when your changes have been committed.

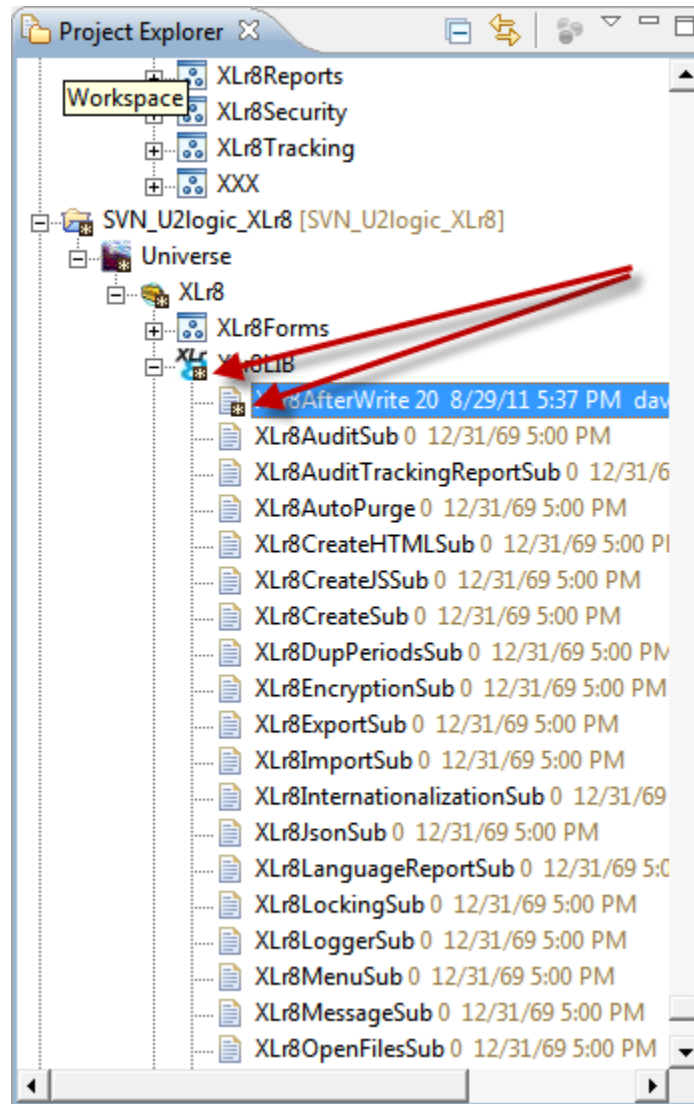


After changing perspectives then you will have the following information available on you XLr8 perspective. The revision number in SVN is just a sequential number. The date of revision will be always shown on your source code linked project:

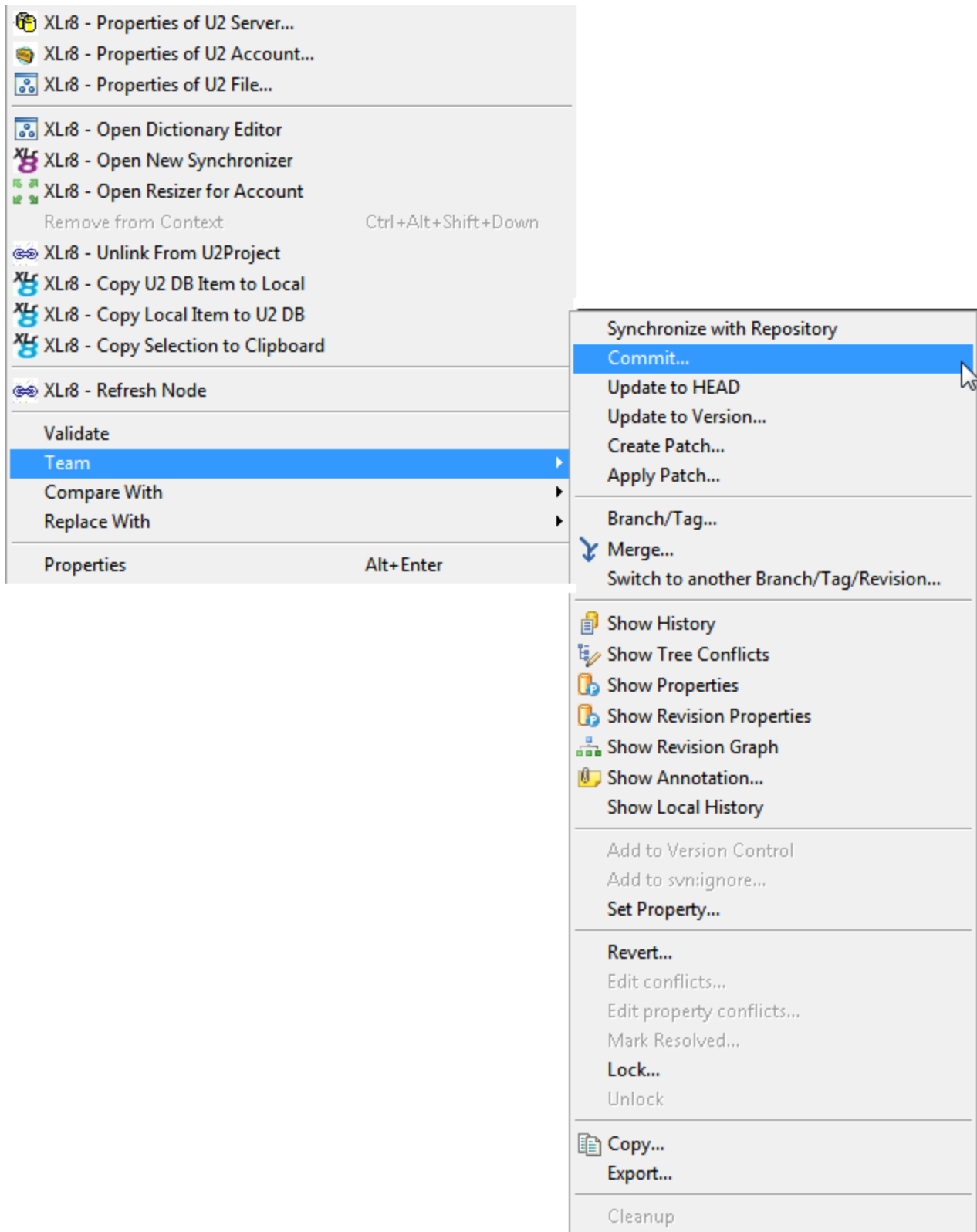


IV. Updating your source control project

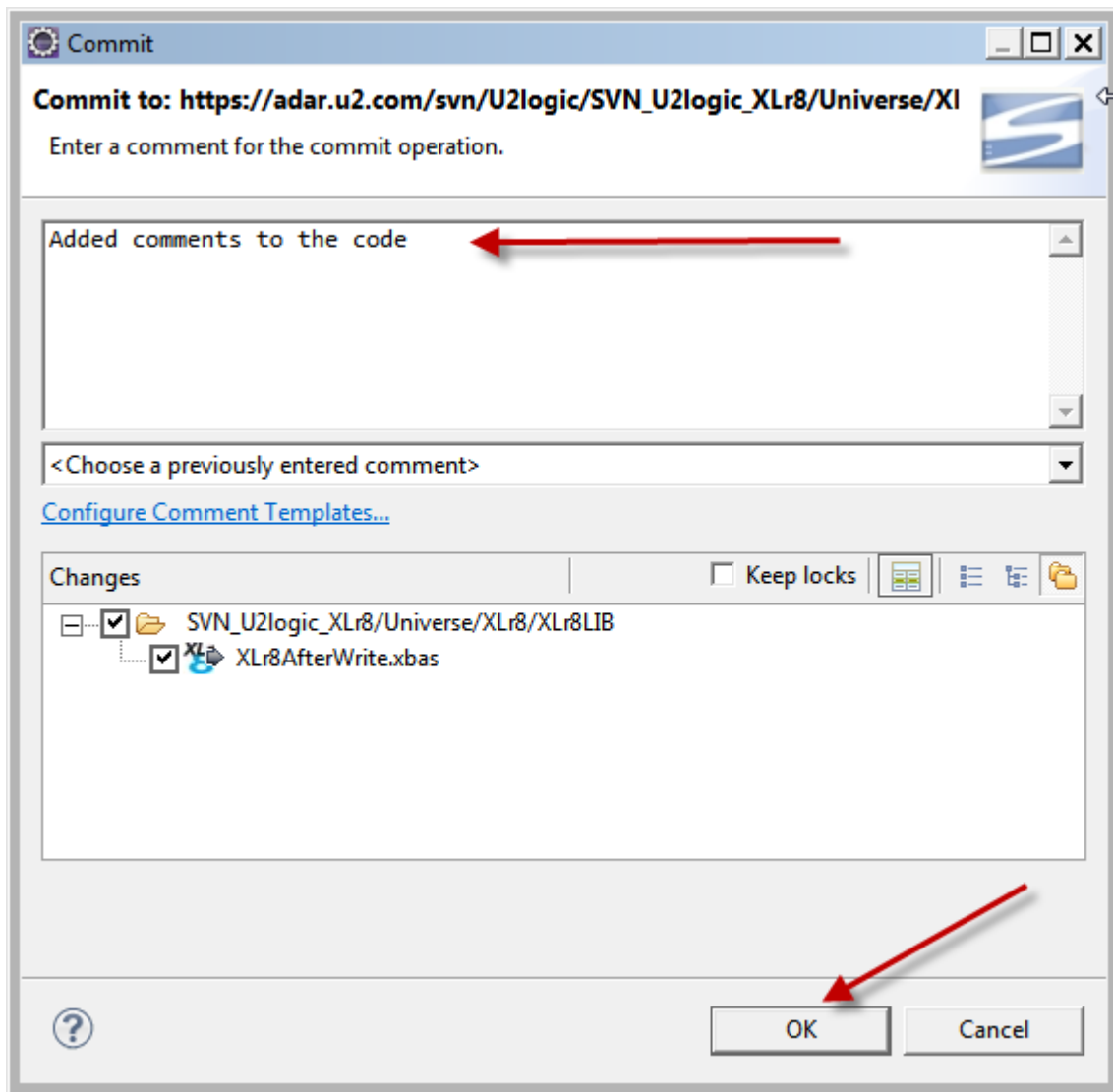
In this project we have little black markers that are showing us that the changes we made to this source code program have do not match what is in source code control.



Right click on the project and follow the menus Team->Commit.



This commit wizard will show. Enter your comments for this commit and press okay.



After the commit runs you will see the decorators (icons) have changed from the black x's to these:

