XLr8Editor

Version Control 2

A U2logic PUBLICATION

XLr8Editor Version Control 2

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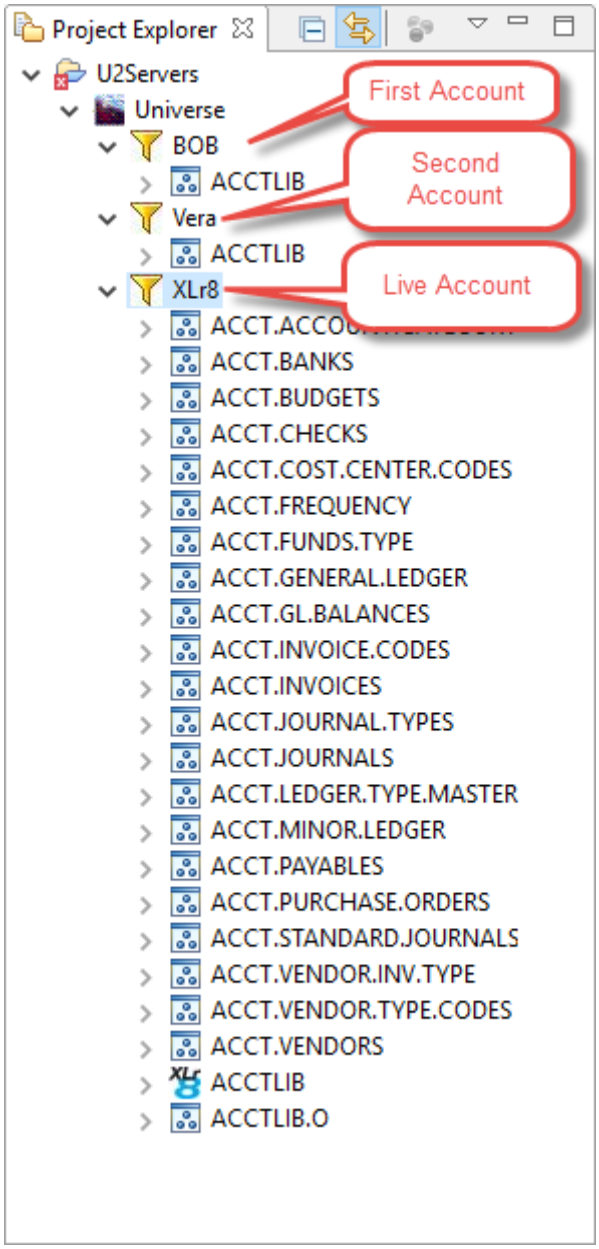
I. Executive Summary

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:

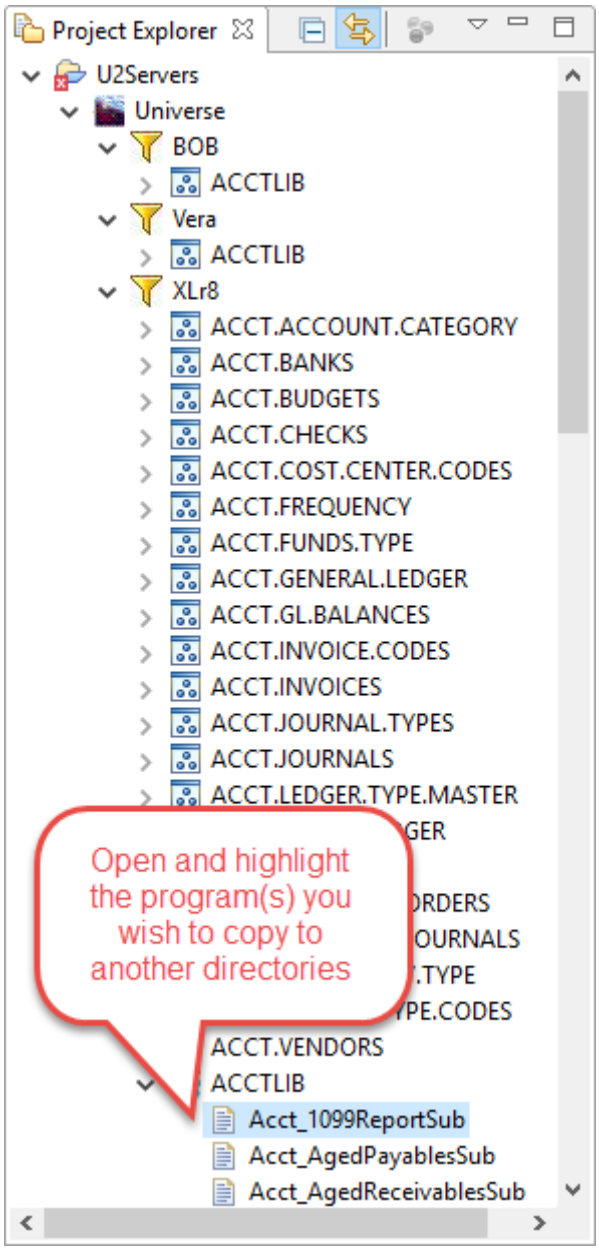
1. CVS
    a. Built-in no extra plug-in required
    b. Windows Server version is available at http://www.march-hare.com/
2. Subversion
    a. Requires plug-in see http://subclipse.tigris.org/update_1.10.x
    b. Windows Server version is available at http://www.visualsvn.com/server/
3. Perforce
    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. For server see http://github.com/
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. Setup Programmer Accounts

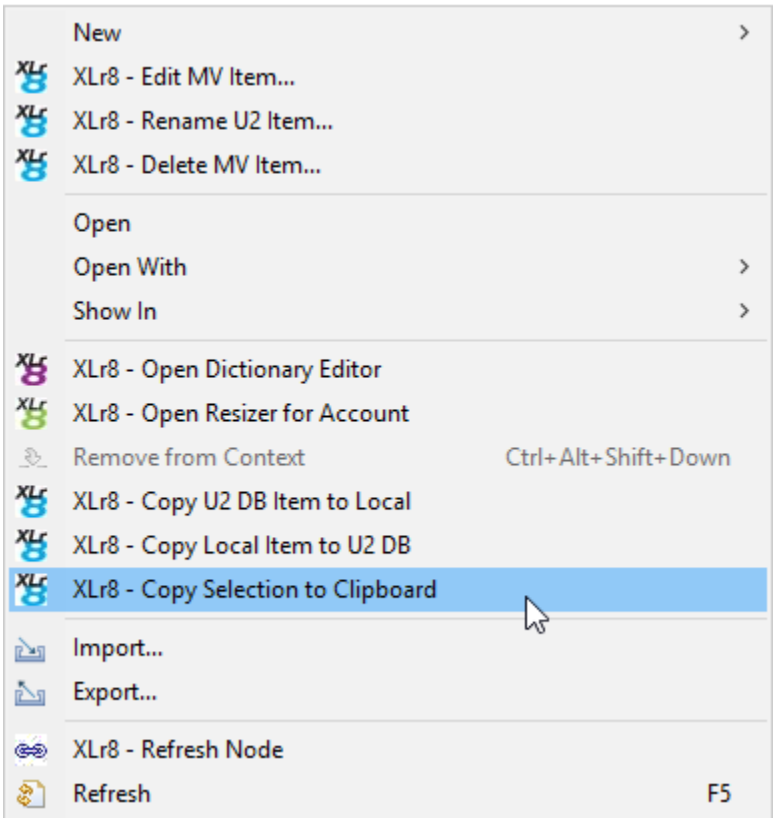
Create your source accounts and add them to the project explorer.



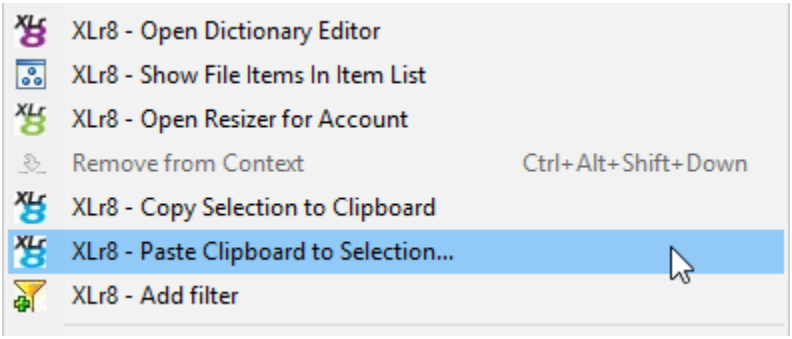
Use the project explorer to highlight the programs you would like to copy.

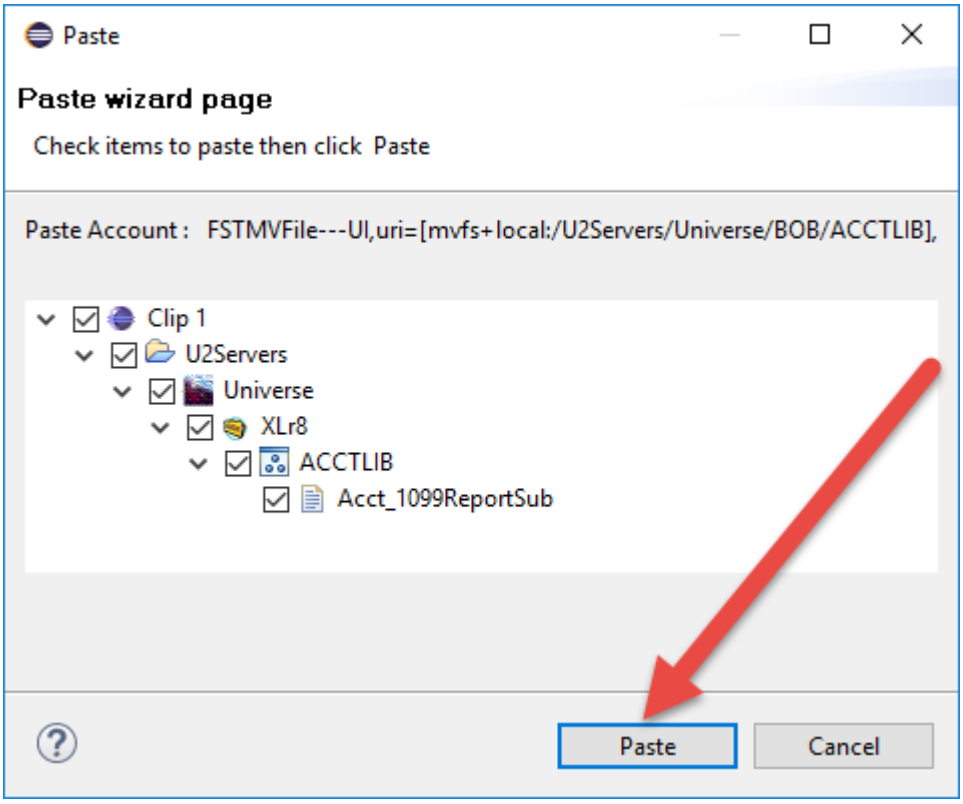


Right-click on the program and highlight the “Copy Selection to Clipboard”

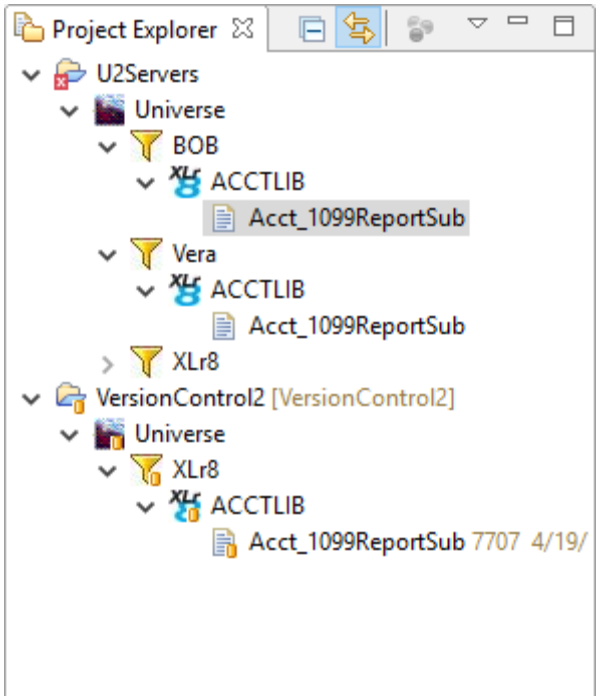


After you highlight the directory where you want to put the source, right-click and pick the “Paste Clipboard to Selections…”. With the paste wizard page press the “Paste” button to copy the source code to this directory.

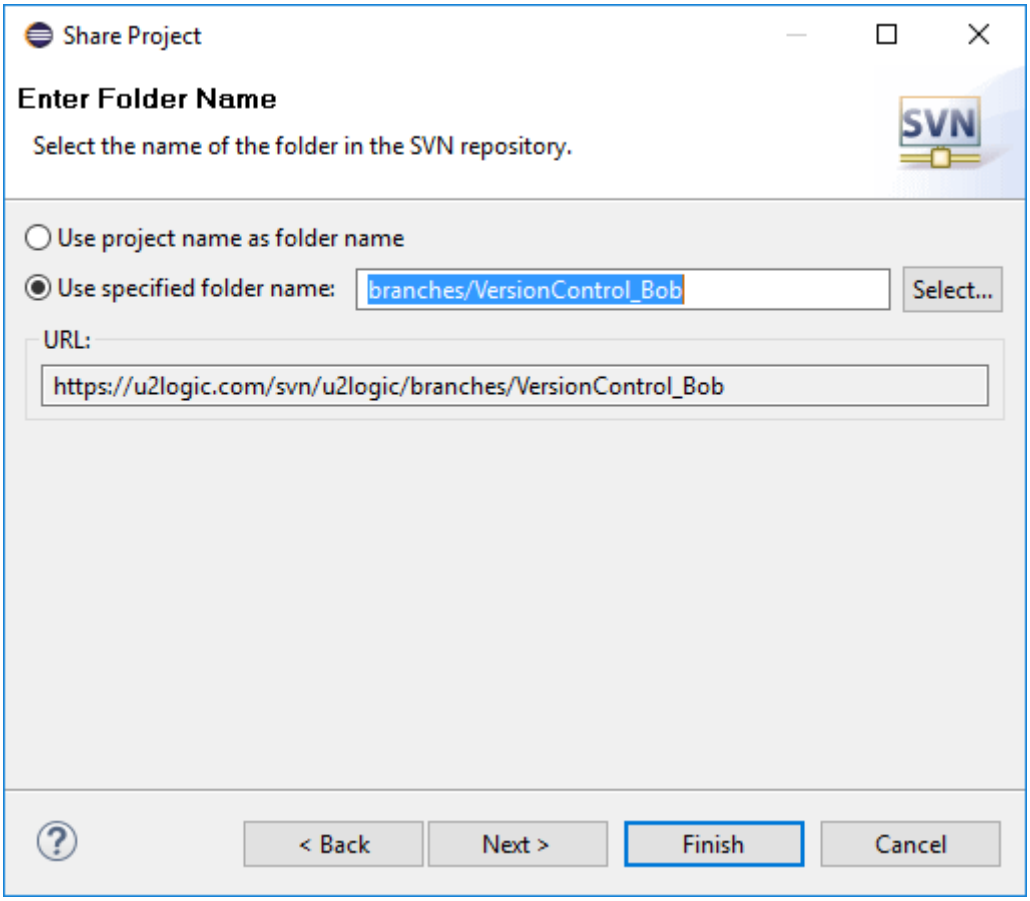




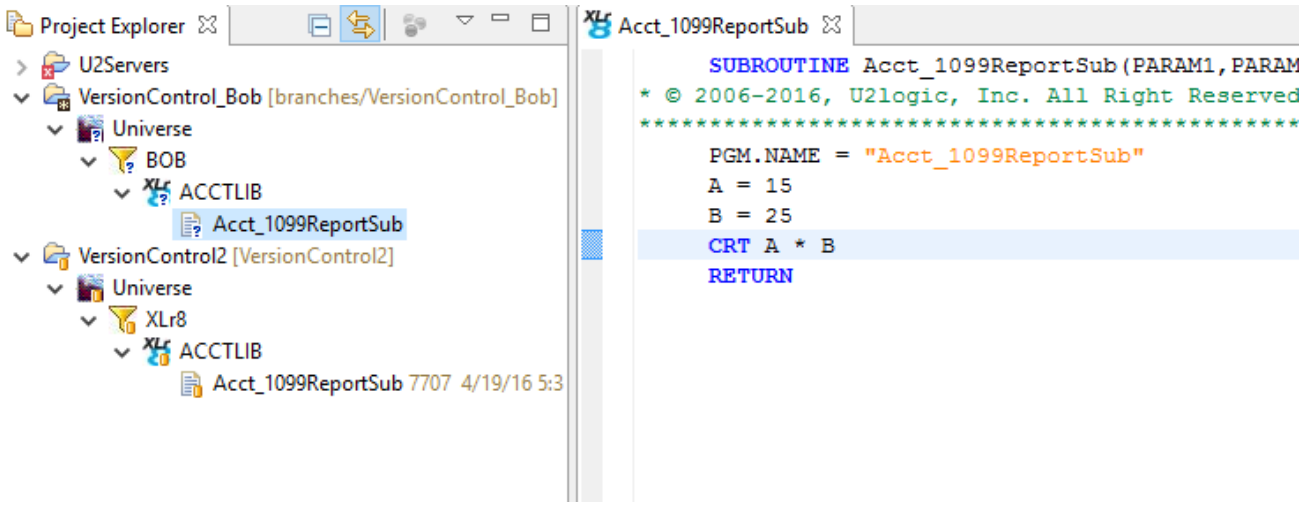
Create a linked project and share it using your version control. Link your source code, procs, and dictionaries to this project. Then check in your code.



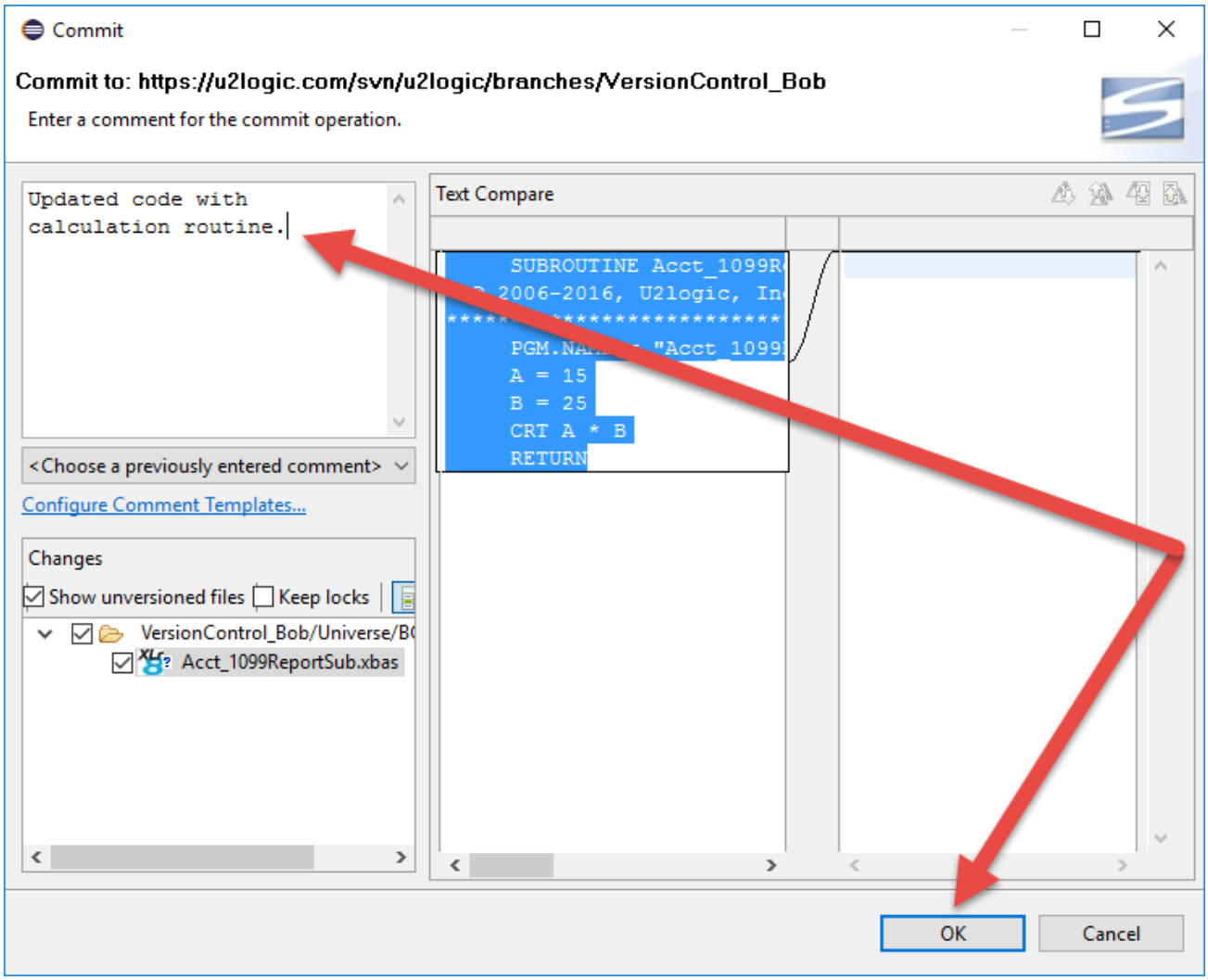
After you have created a linked project called VersionControl_Bob, attached the source code, you share your project as a branch in version control.



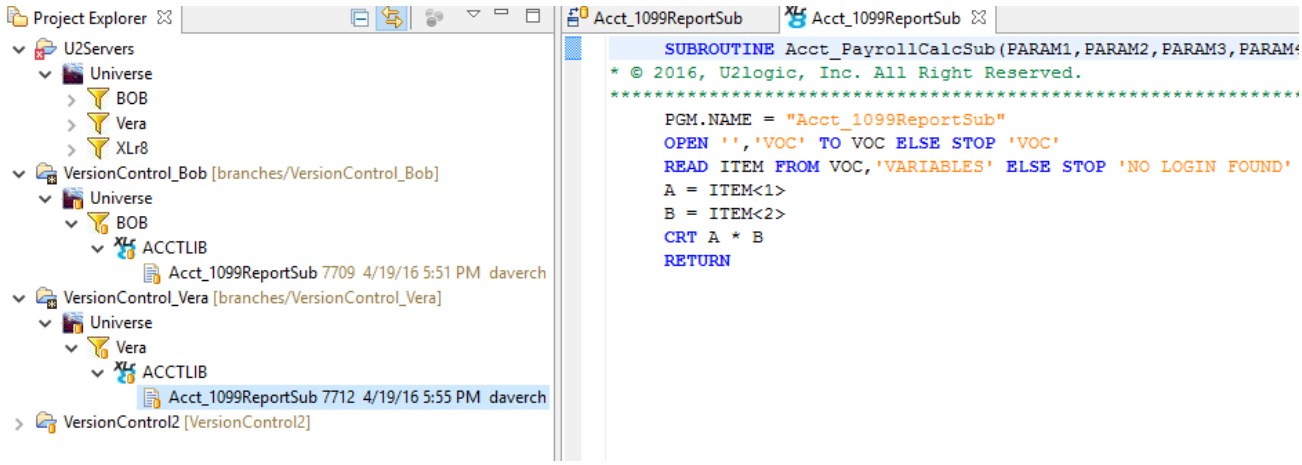
Bob has now changed the source code in his account and in his local linked project.



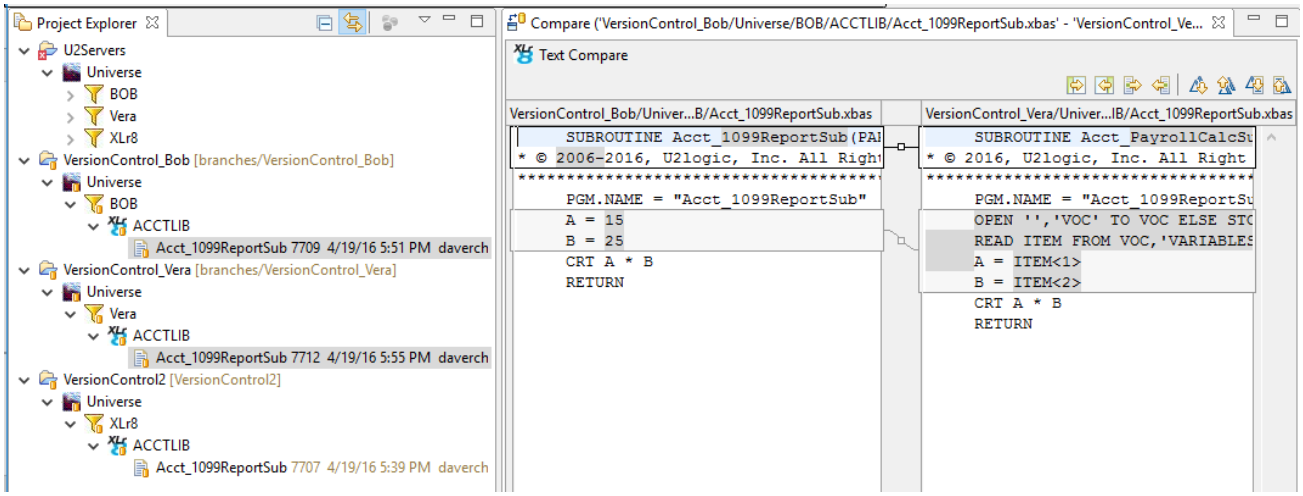
Bob's code is now being checked in to his branch



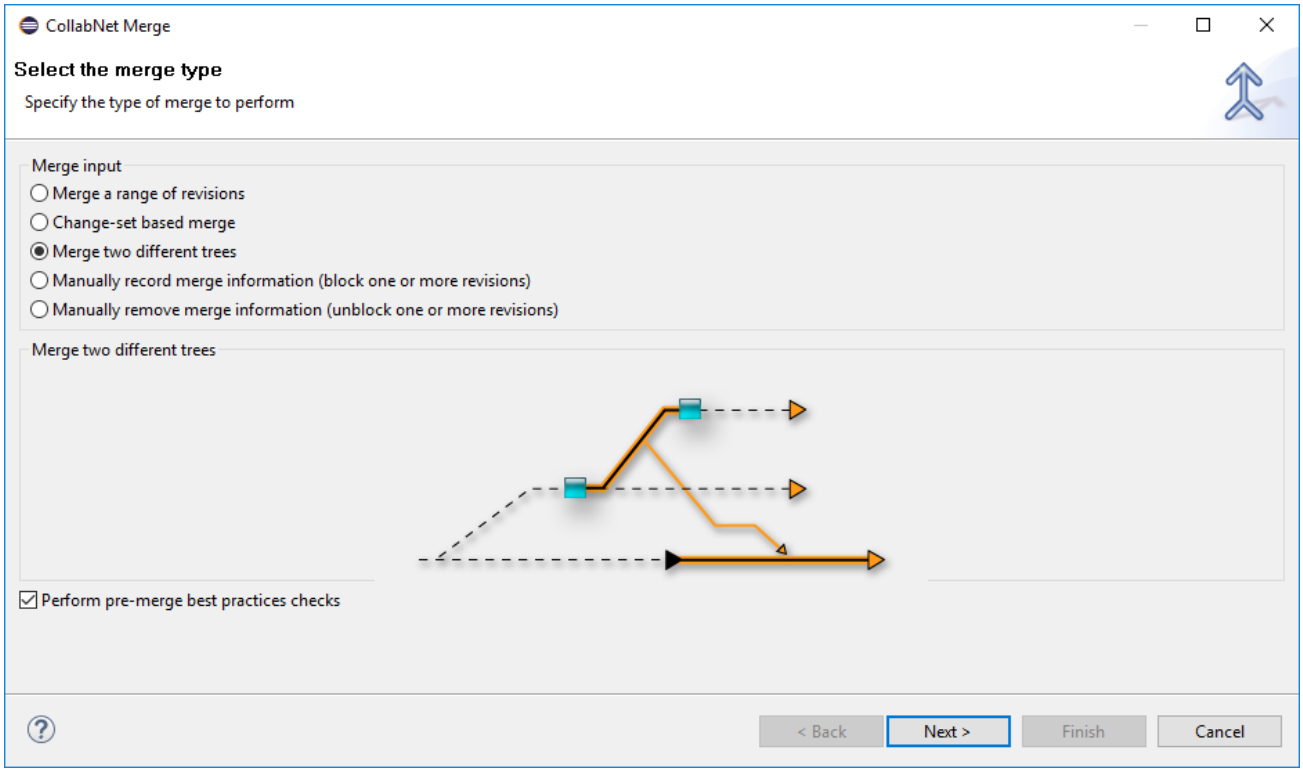
Both Bob and Vera have checked in their code into their respective branches as well as having their accounts having this different source code.



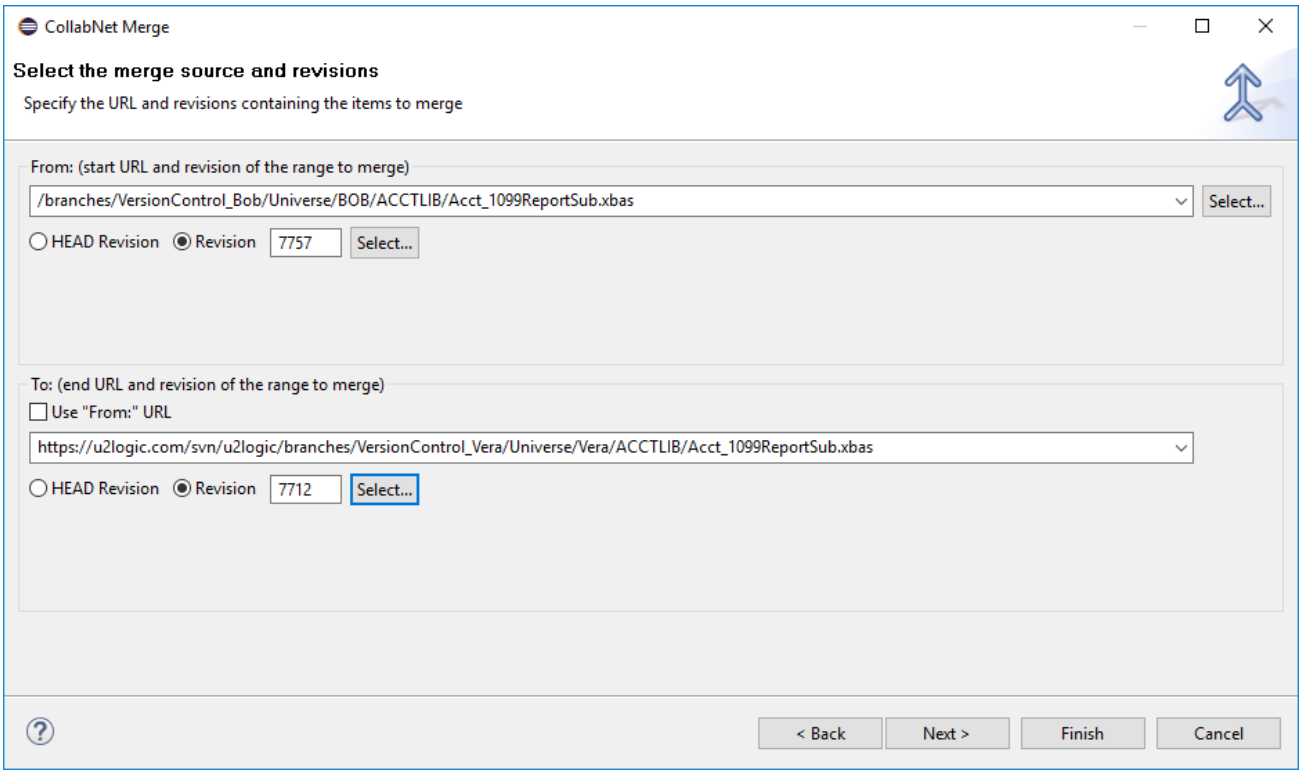
Using the right click menu option, you can compare two source codes and merge the changes you would like keep.



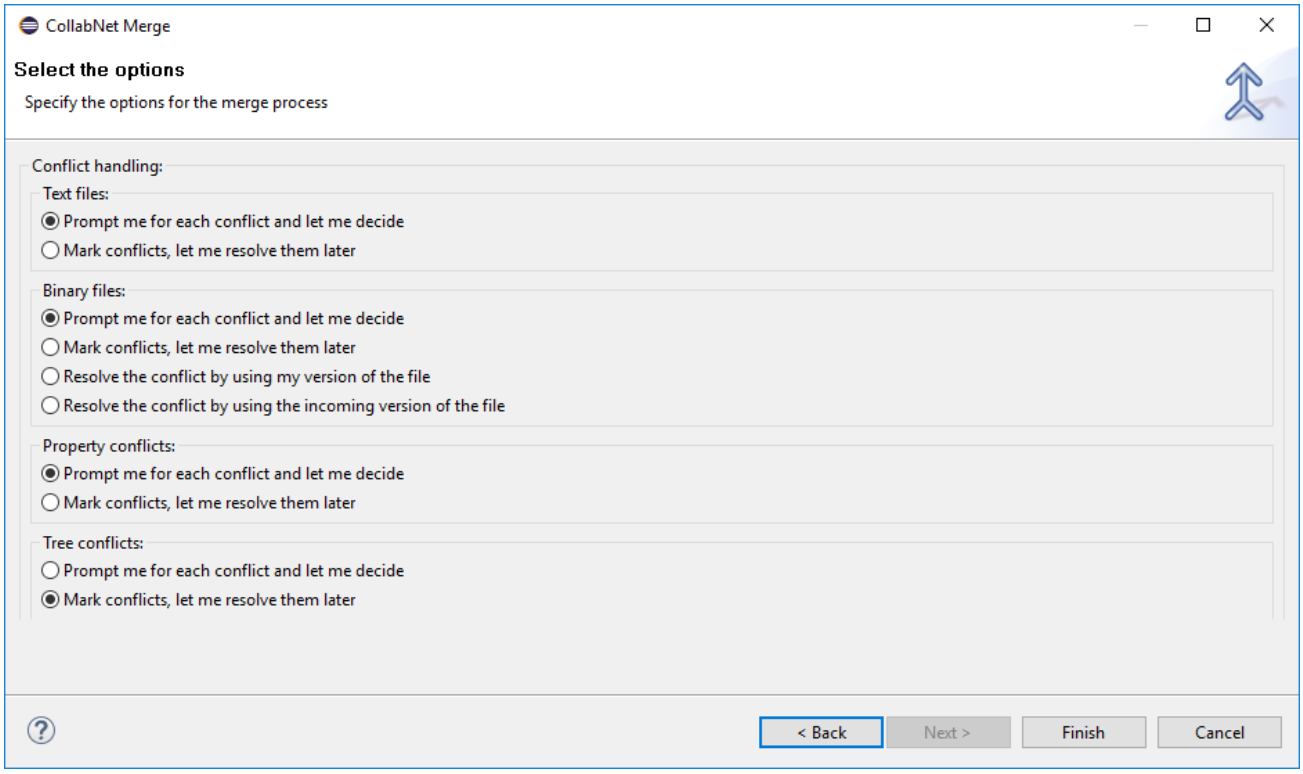
We are going to merge two different trees using SVN CollabNet.



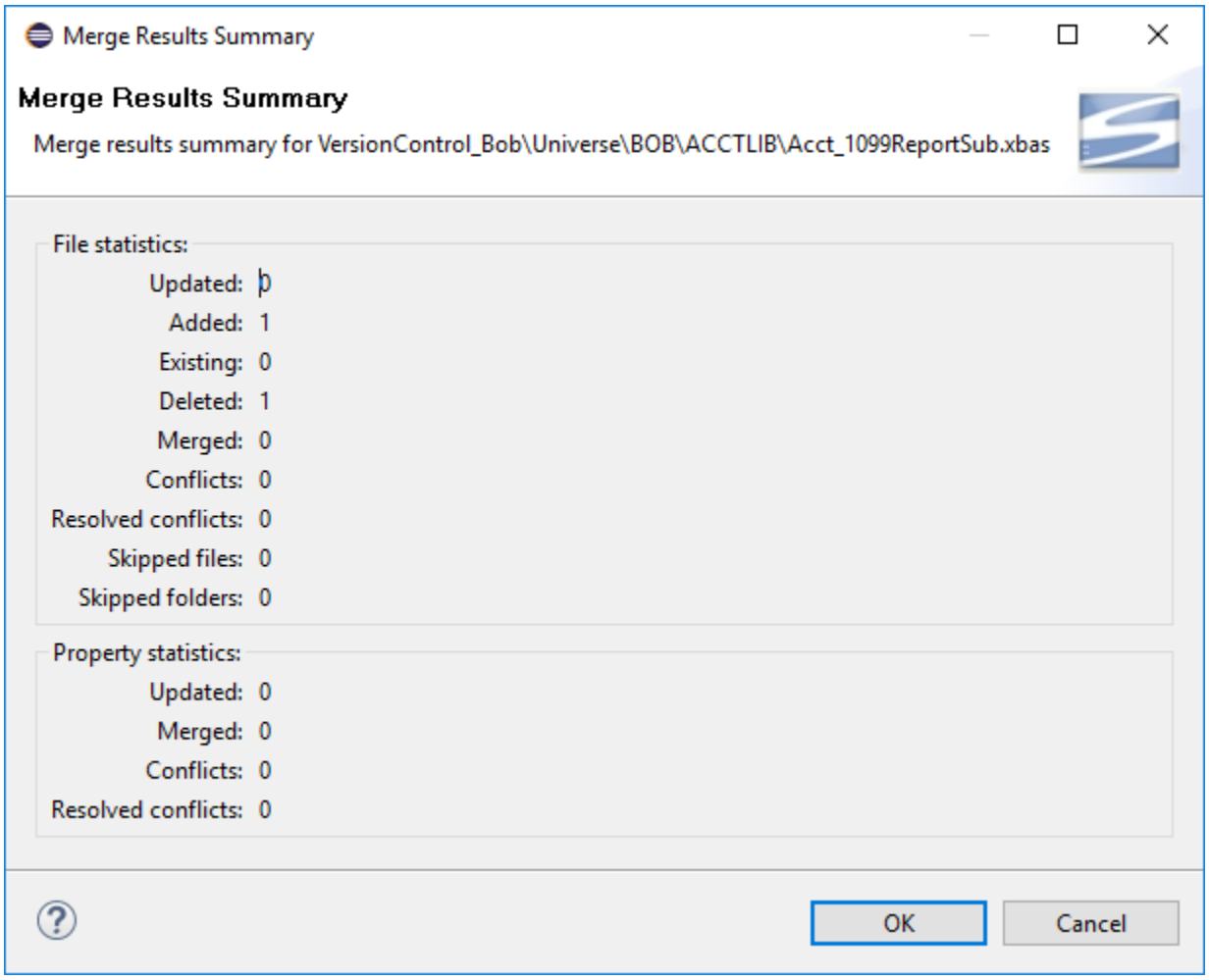
Select the merge sources and revisions you are merging.



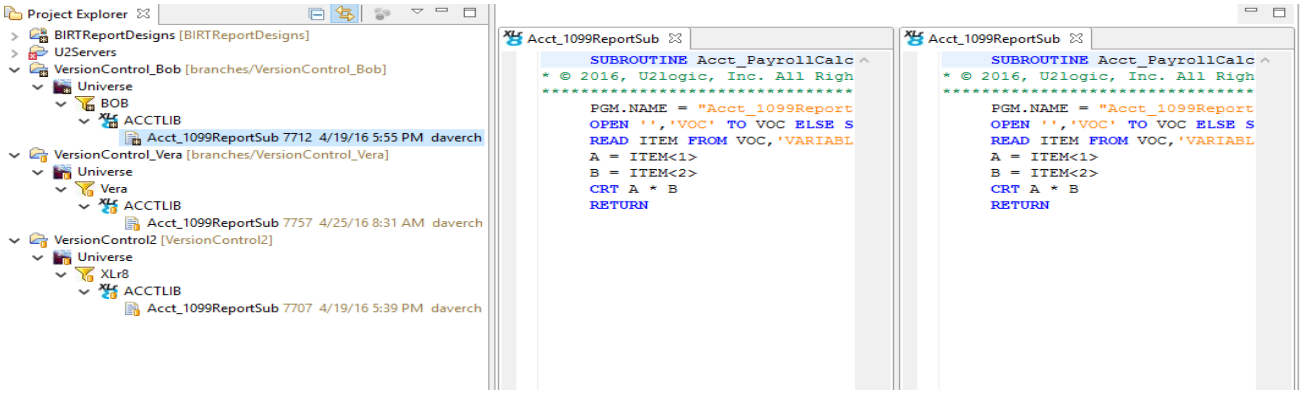
Select the options you would like use on merge.



This is the merge results summary based on our prior actions.



Bob's code is now merged from Vera's. Although it is highly not recommended to use this method because the issues with global scope of variables in UniBasic, the version control system did merge the code correctly.



The last step would be to merge the code Bob's or Vera's code to our Version Control 2 source code control which would be the same as the Bob to Vera merge.