









# Subclipse demonstration instructions

## Working on, updating and synchronizing an Eclipse project that has already been shared

1. Launch Eclipse
2. Switch to SVN Repository Exploring perspective
3. Make sure that the required repository is present
4. Switch to Java perspective
5. Open project to be updated, DualDatabase (already shared in the repository, and so possibly already updated, or being currently updated, by other programmers)
6. So, it is good practice to “synchronize” when starting work and regularly from then on – this transfers local updates to the repository, and changes in repository files to the local files: Right click project, Team, Synchronize with Repository
7. In the Team Synchronize panel, click Expand All  to review and check file/folder status  
↑ IMPORTANT! ↑
8. Symbols:  means not in repository so will be added,  means local copy is an updated version of file in repository so will overwrite as new version.  means updated version of repository copy will overwrite (unchanged) local copy.  means new file in repository that will be downloaded. At other times there might be  meaning that both local and repository have been updated since checkout/ synchronize – conflicts need resolving. Double clicking on the icon will show more information (for example viewing differences in a comparison editor) To resolve conflicts: copying changes to local file and then right click, Mark as Merged
9. May need to Commit outgoing changes, Update incoming changes, or Resolve conflicts.
10. Once synchronization is complete, can start working...
11. Switch to Java perspective
12. Open one of the project's Java files, make any edit, save
13. Look for the  black/white star annotation: meaning “modified”
14. Create a new class in the project
15. Look for the  question mark annotation: meaning “added”
16. To get repository up to date: Right-click, Team, Commit in Project Explorer/Navigator panel, or switch to Team Synchronizing perspective, review and Commit
17. Switch to SVN Repositories Exploring perspective, right click the updated file name, Refresh and see the version number bump
18. Right click the updated file, Show History, History appears at lower right

19. Can right click History entries to: compare versions, open/view previous versions
20. Can also do these in Java Explorer/Navigator panel – right click, Team, ...
21. Finally, can use Team, Lock to prevent anyone else modifying a file that you are working on – usually released automatically when you Commit
22. Good practice to “synchronize” regularly: Right click project, Team, Synchronize with Repository