

## Installing and setting up TortoiseSVN client

1. Download the client: <http://tortoisesvn.net/downloads.html> (choose either the 32-bit or the 64-bit OS version)
2. Install the client:
  - a. Click on downloaded installer to run it.
  - b. Follow the instructions of the Setup Wizard: Always “Next”, then “Install”. Then “Yes” to allow the installation to proceed. Then “Finish”.
  - c. Restart.

Note: this client integrates with the Windows Explorer application, that is, users access it through the Explorer not through a standalone application.

3. Open Windows Explorer and create a directory, e.g., `fphlm_svn` (the working copy).
4. Right click on it and select “SVN Checkout.”
5. Enter the URL of the repository: `svn://king.cs.fiu.edu/fphlm/act/`. Then click “OK”.
6. Enter the username and password in the Authentication window.
7. Check the “Save Authentication” checkbox. Then click “OK.”

Note: Internet connection necessary when interacting with the repository.

Two folders (*common* and *private*) will now be in the local directory (a.k.a working copy) `fphlm_svn`. These folders are on the remote server, i.e., in the repository, but now a local copy of them has been created.

Files that need to be accessible to other teams must be stored in the *common* directory.

### Use case: Adding new file to SVN for other teams to access it

1. Copy the file to the *common* folder. Note: For the sake of organization, you may want to organize the files in directories instead of saving them directly to the *common* folder.
2. Right click on the file. Select “TortoiseSVN”, then “Add.” Notice the blue + symbol indicating that the file has been scheduled for addition in the next commit.
3. Right click on the file. Select “SVN Commit”.

4. **Enter a descriptive message. (This is very important for the on-site visits).**
5. Verify that file to be committed is selected. Click "OK." Notice how a green circle with a white checkmark replaced the + symbol. The files has been added to the repository.

**Use case: Commit a change to a versioned file to the repository**

1. Right click on modified file. Select "SVN Commit."
2. **Enter a descriptive message.**
3. Verify that file to be committed is selected. Click "OK."

Note: more use cases can be found in the attached PowerPoint presentation.