

GITHUB AND SVN DOCUMENTATION

GITHUB :- GitHub is a centralized source control. Enabling teams and organizations to keep their source code maintained and controlled with version and other facilities such as release version and it is based on Git.

It is important to use if you want to use version control. If you want to keep a track of changes made in your source code. It helps you out to check which of the employee made a change and so on.

It allows you to share your code with others and also it enables you allow others to make changes in your code without making any change in your code.

GITHUB CONFIGURATION:-

Step1 –Go to github.com <https://github.com/>

Create a github account and make sure create a user name when you sign up and then sign in.

Step 2 –Copy and paste the source location in URL on your browser.

Source location/primary location :- <https://github.com/satyajit015/Knowtifi>

After past source location we can see this below page

The screenshot shows the GitHub repository page for 'satyajit015 / Knowtifi'. The page includes a navigation bar with 'This repository', 'Search', 'Pull requests', 'Issues', 'Marketplace', and 'Gist'. Below the navigation bar, the repository name 'satyajit015 / Knowtifi' is displayed, along with 'Watch' (0), 'Star' (1), and 'Fork' (1) buttons. The 'Code' tab is selected, showing a list of commits. The commits list includes:

Commit Hash	Commit Message	Time Ago
b212058	adding student.html	Latest commit aa91eb4 16 hours ago
doc	removing file	20 days ago
src	adding student.html	16 hours ago
README.md	Initial commit	27 days ago

Below the commits list, there is a section for 'README.md'.

So [satyajit015/Knowtifi](https://github.com/satyajit015/Knowtifi) is a source location which is act as a server where all developers can able to add ,retrieve and modify their files at the same time .

SVN :- SVN is a Subversion client, implemented as a Microsoft Windows shell extension, that helps programmers manage different versions of the source code for their programs.

SVN CONIGURATION :-

Step 1 –search the below svn link .

<https://tortoisesvn.net/downloads.html>

Step 2 –Download 64 bit tortoiseSVN .



Downloads

The current version is 1.9.6

For detailed info on what's new, read the [changelog](#) and the [release notes](#).

Advertisement

The current version 1.9.6 is linked against the Subversion library 1.9.6.

Please make sure that you choose the right installer for your PC, otherwise the setup will fail.

for 32-bit OS

TortoiseSVN 1.9.6 - 32-bit

for 64-bit OS

TortoiseSVN 1.9.6 - 64-bit

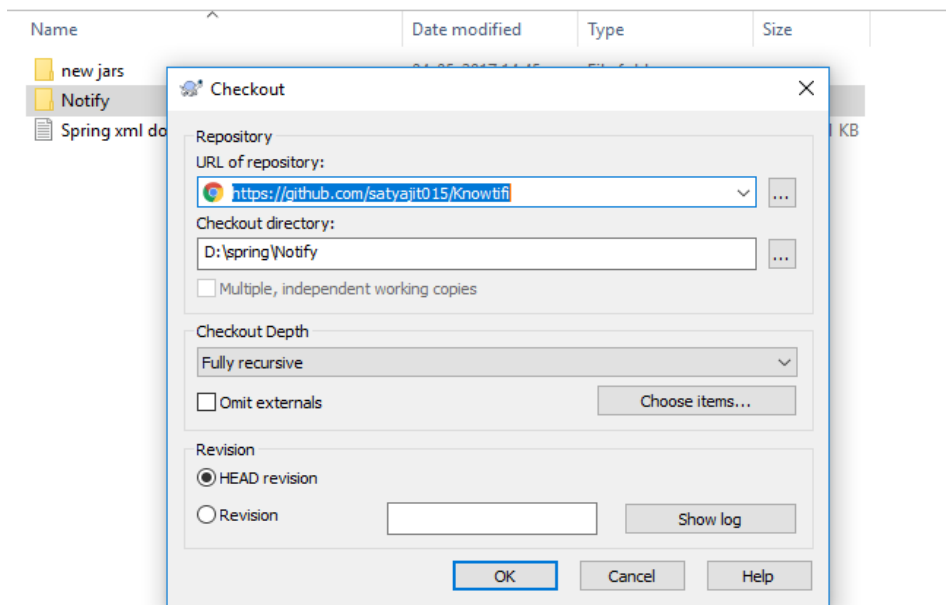
To verify the file integrity follow [these instructions](#).

Step 3 –Open the downloaded file and install it .Then after finishing the installation the SVN automatically setup on your system.

Step 4 –Open a folder in any drive and name it 'svn' -> create a sub folder 'project' -> create a subfolder 'Notify' under a 'project'.

Step 5 – Click on Notify folder - >right click and select SVN Checkout.

Then paste the source location in the repository - > then click on ok.



If Authentication box will pop up then put your github username and password there.
So, On that way we can upload all the github repository documents to SVN repository.

N.B :-

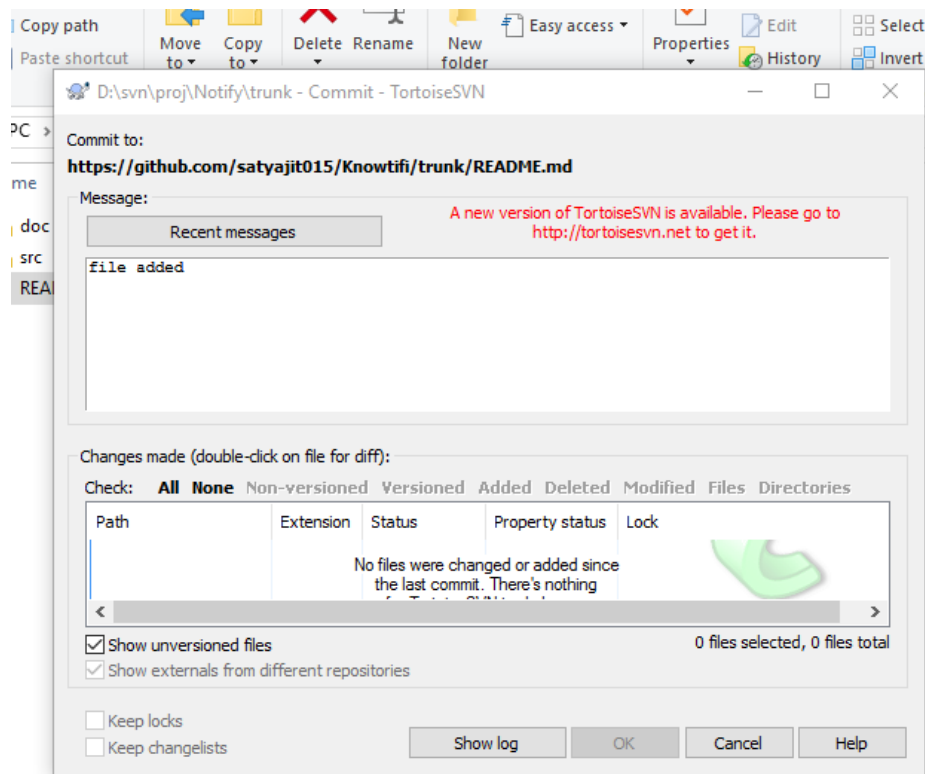
- **SVN Update** – Right click on 'Notify' -> click on SVN update .

When you click on SVN update, all the updated document comes to Notify folder from source location of github (<https://github.com/satyajit015/Knowtifi>) .

- **SVN commit** - Right click on 'Notify' -> click on SVN commit .

After doing any manipulation (such as adding & deleting file) with any documents we need to commit to this file with commit message on the command line, So that the other person can easily get current update of repository .

Exp :- If I want to add one file to repository, after adding file I need to commit a message that "file added" .



- If you want to add or delete any file in Notify folder then you must go to TortoiseSVN and choose add or delete option otherwise it will show red mark in folder that means you can not commit that folder once again.