

Installing Source Control for Your Group Programming Project (Windows)

By Thomas Linstead

Using:

- Bitbucket or Github for the repository.
- Git for the version control.
- SourceTree for the easy to use GUI interface.



1. Setup accounts

Every member of the team should create an account at <https://bitbucket.org/> or <https://github.com/>

The Username, Email and Password will be required later.

One member of the team (Team Leader) should create a new empty repository by following the instructions on the Bitbucket home screen. Make sure to invite the other users to the repository through the share button using their Bitbucket usernames.

2. Installing Git (*Optional: SourceTree can install embedded version for you)

Every member of the team should install Git onto their machines. The download is located here: <http://git-scm.com/download/win>

(Simily agree to all options and Install)

Setting up - Git Bash (*Optional: SourceTree can install for you)

Once the installation is complete launch the newly installed program called 'Git Bash'. This will launch a command prompt window.

Enter into this command prompt:

`git config --global user.name "<YourFirstName> <YourLastName>"`

e.g.

```
Run 'git help git' to display the help index.
Run 'git help <command>' to display help for specific commands.

Tambilin@TAMBILIN-PC ~
$ git config --global user.name "Thomas Linstead" _
```

Then enter:

`Git config --global user.email "<YourBitbucketSignUpEmail>"`

e.g.

```
$ git config --global user.name "Thomas Linstead"
Tambilin@TAMBILIN-PC ~
$ git config --global user.email "contact@swcdesigns.com" _
```

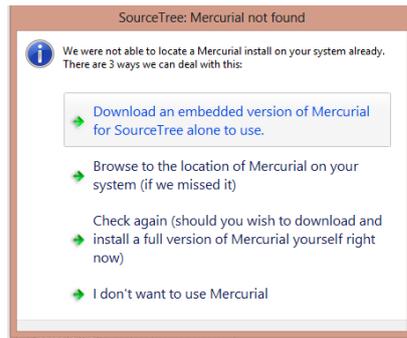
3. Installing SourceTree

Every member will also need SourceTree installed to be able Pull and Push files easily. (Alternately you can use the Git Command Prompt, but the GUI given by SourceTree makes the process a lot easier)

Download from: <http://www.sourcetreeapp.com/download/>

4. Setting up SourceTree

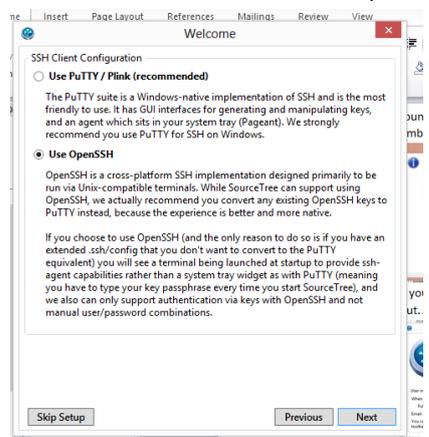
Once the installation is complete, you may be prompted about Mercurial not found (or sometimes that git is not found). You can choose to install an embedded version or if you have it installed location the .exe on your HDD.



If you installed Git Correctly, your user details should already be filled out. Accept the terms and conditions and continue.



On the next step select OpenSSH option rather than putty as traditionally this is the SSH connection Git uses. (Selecting putty may result in problems later on.)



Now link either your Bitbucket or Github account details and your setup will be complete.

