How to connect Github with Rstudio For Windows

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Resource

- This is a brief summary for quick start. For a better and more detailed explanation, please refer to Dr. Jenny Bryan's course page at:

http://stat545-ubc.github.io/git00_index.html

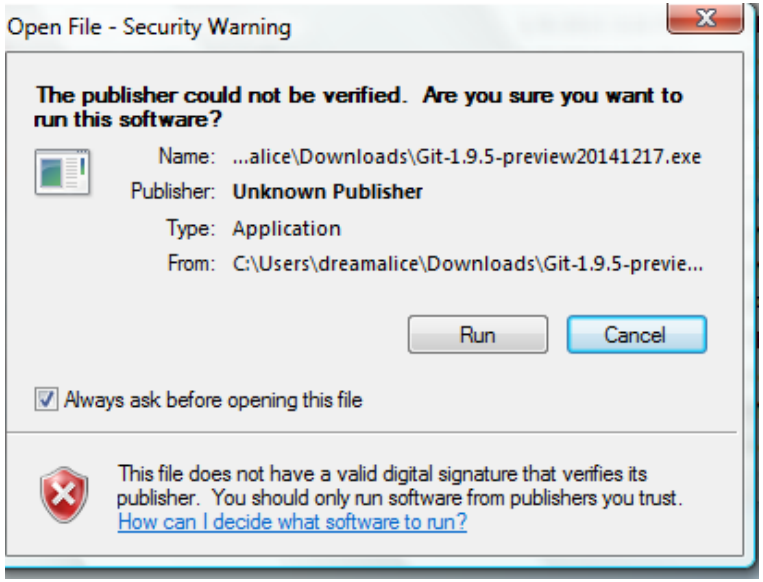
Step 1: Install Git

- Download Git for Windows:

http://git-scm.com/download/win

- Run the executable file:

Git-1.9.5-preview20141217.exe

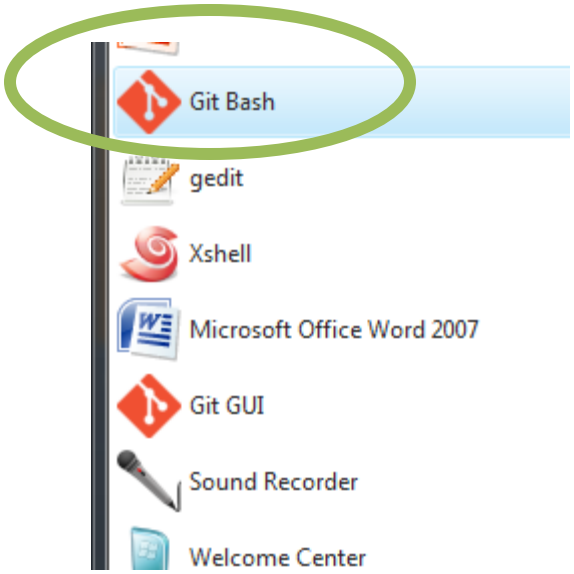


Step 1: Install Git

- Declare your github account, in the Git bash terminal:

git config --global user.name “your GitHub account name”

git config --global user.email “your GitHub associated email”

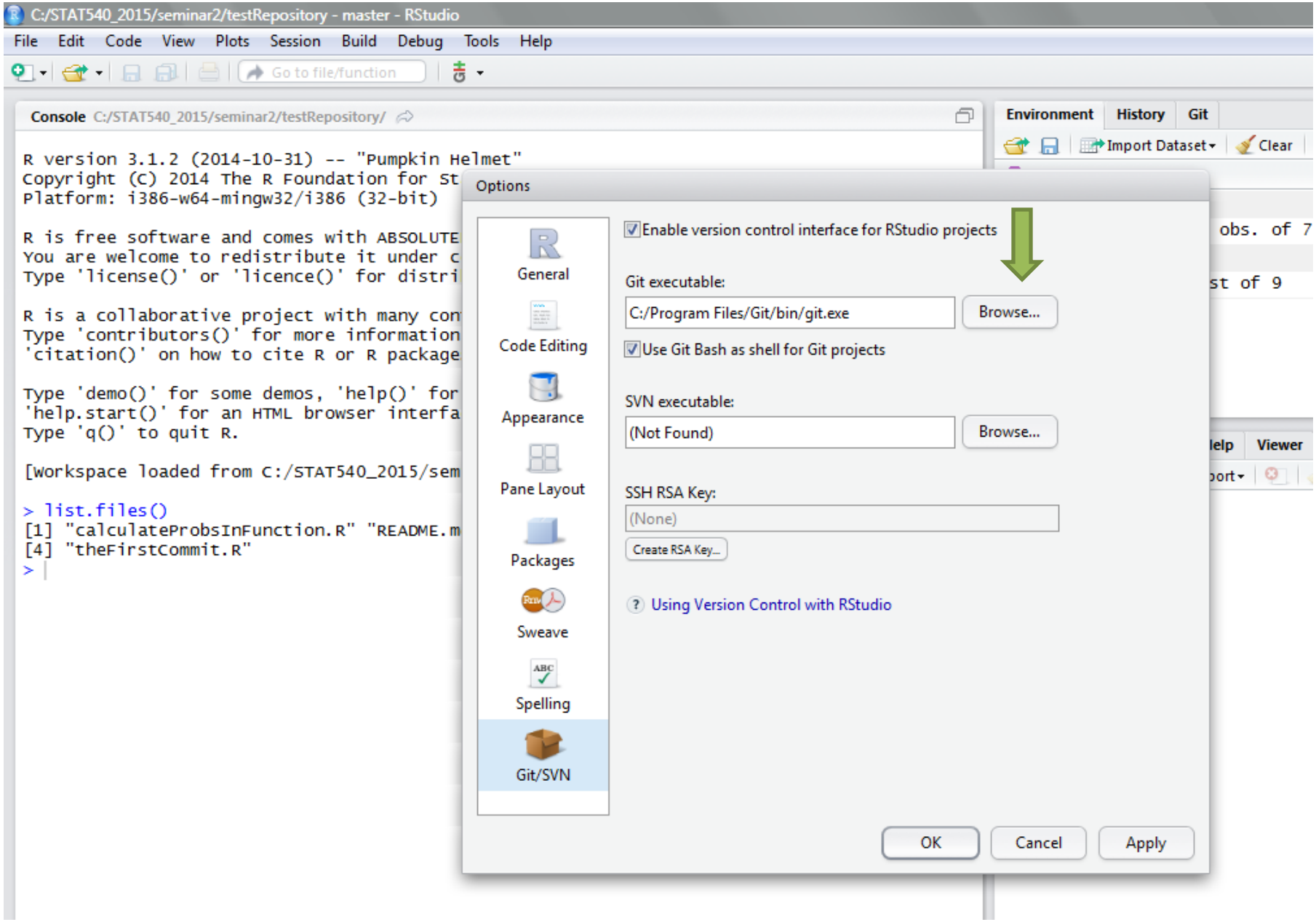


Step 2: connect Rstudio to Git

- In the top menu bar of Rstudio,
  click Tools → Global Options

- In the popup Options panel,
  click Git/SVN in the menu bar(left column)

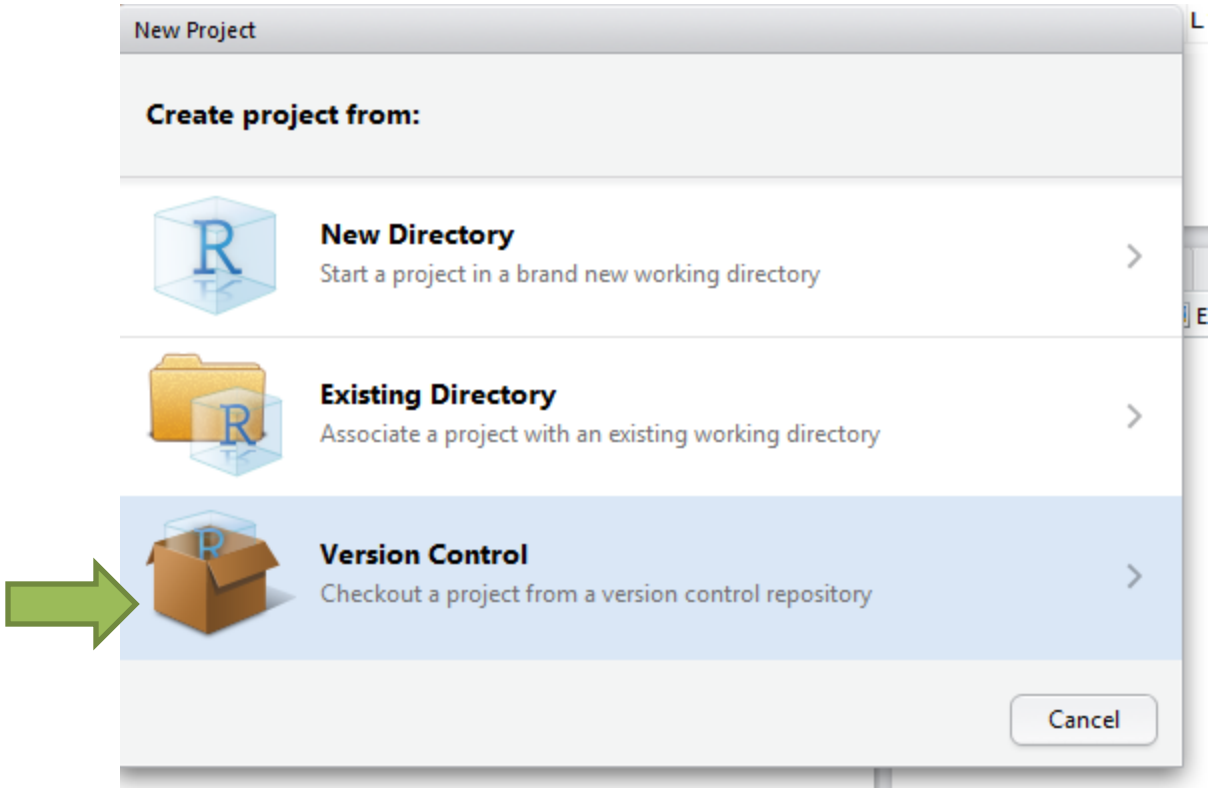
- In the text field asking for Git executable, browse to the path where git.exe is stored, click OK. Close your Rstudio and restart to reinitialize everything.


C:/STAT540_2015/seminar2/testRepository - master - RStudio
File Edit Code View Plots Session Build Debug Tools Help
Go to file/function
Console C:/STAT540_2015/seminar2/testRepository/
R version 3.1.2 (2014-10-31) -- "Pumpkin Helmet"
Copyright (C) 2014 The R Foundation for St
Platform: i386-w64-mingw32/i386 (32-bit)
R is free software and comes with ABSOLUTE
You are welcome to redistribute it under c
Type 'license()' or 'licence()' for distri
R is a collaborative project with many con
Type 'contributors()' for more information
'citation()' on how to cite R or R package
Type 'demo()' for some demos, 'help()' for
'help.start()' for an HTML browser interfa
Type 'q()' to quit R.
[Workspace loaded from C:/STAT540_2015/sem
> list.files()
[1] "calculateProbsInFunction.R" "README.m
[4] "theFirstCommit.R"
>
Environment History Git
Import Dataset
Clear
obs. of 7
st of 9
Help Viewer
Options
General
Code Editing
Appearance
Pane Layout
Packages
Sweave
Spelling
Git/SVN
Enable version control interface for RStudio projects
Git executable:
C:/Program Files/Git/bin/git.exe
Browse...
Use Git Bash as shell for Git projects
SVN executable:
(Not Found)
Browse...
SSH RSA Key:
(None)
Create RSA Key...
Using Version Control with RStudio
OK
Cancel
Apply

Step 3: Connect your project to remote repository

- Open a new project, in top menu:

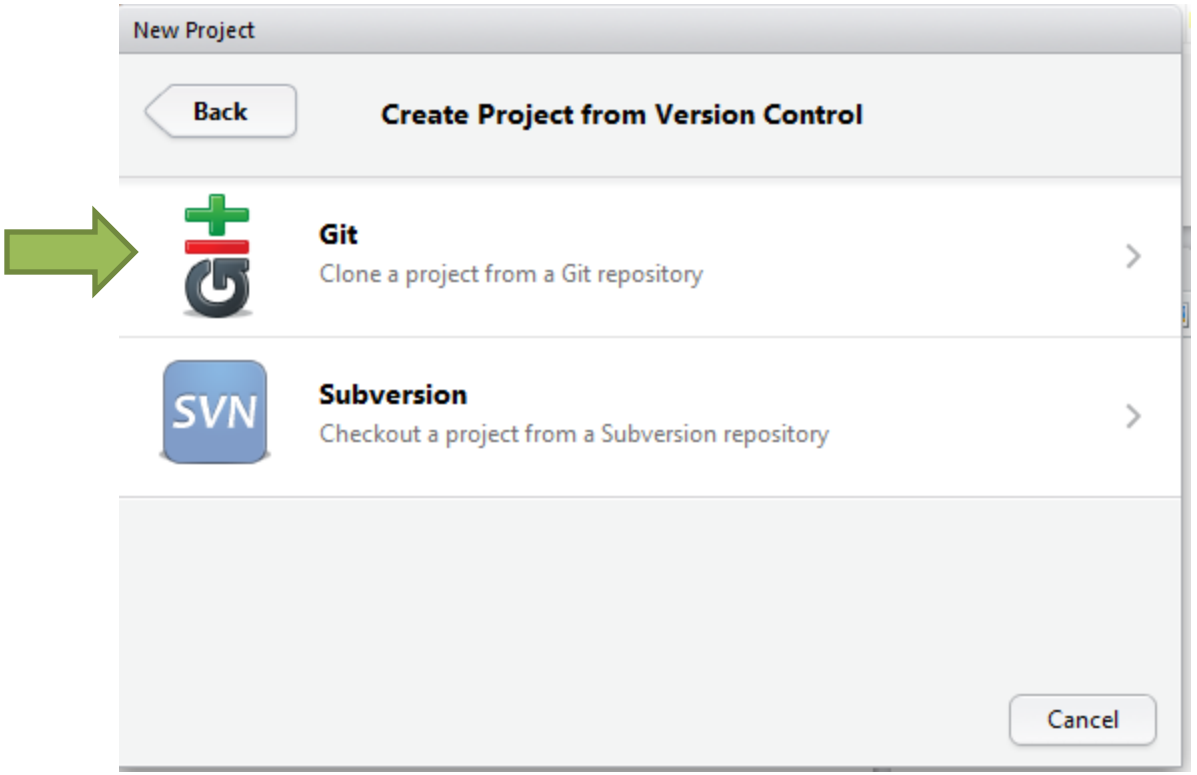
  File -> New Project → Version Control



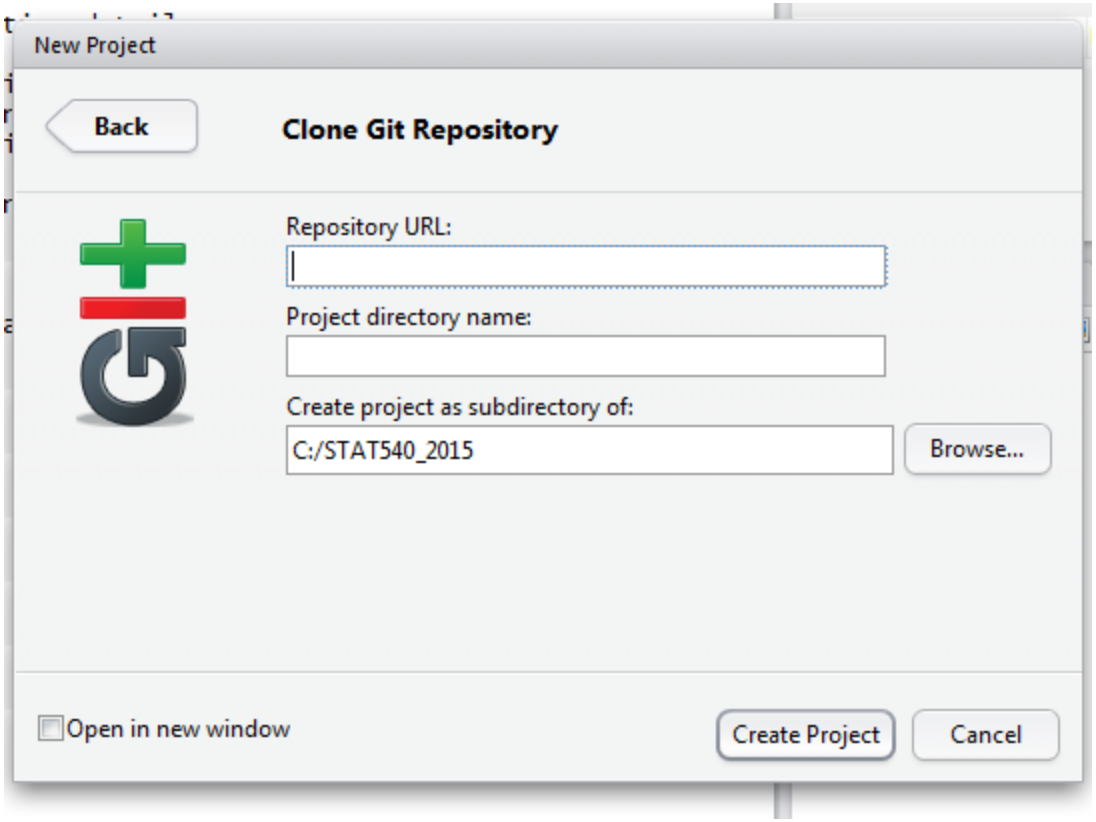
Step 3: Connect your project to remote repository

- Open a new project, in top menu:

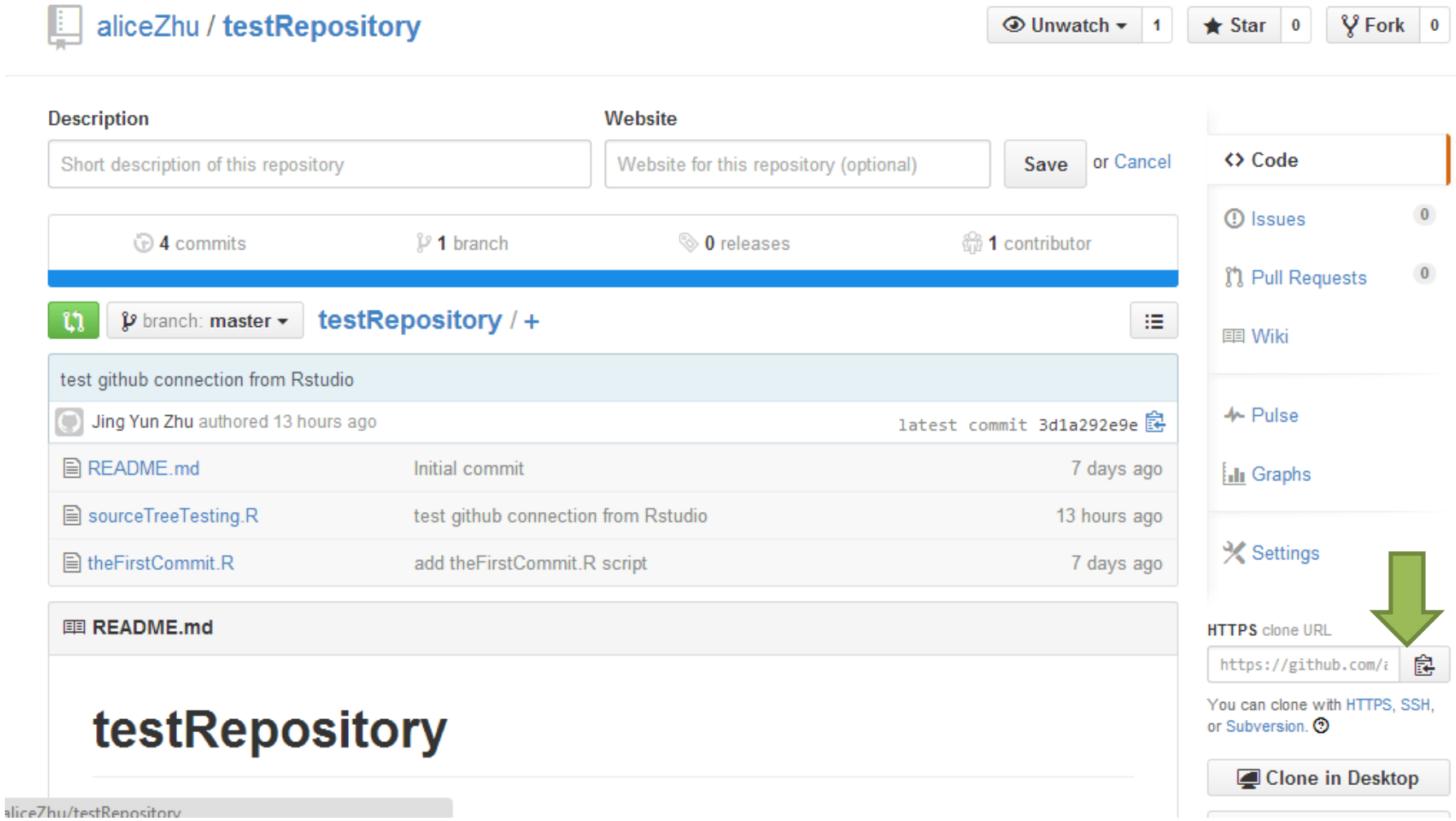
  File -> New Project → Version Control→Git



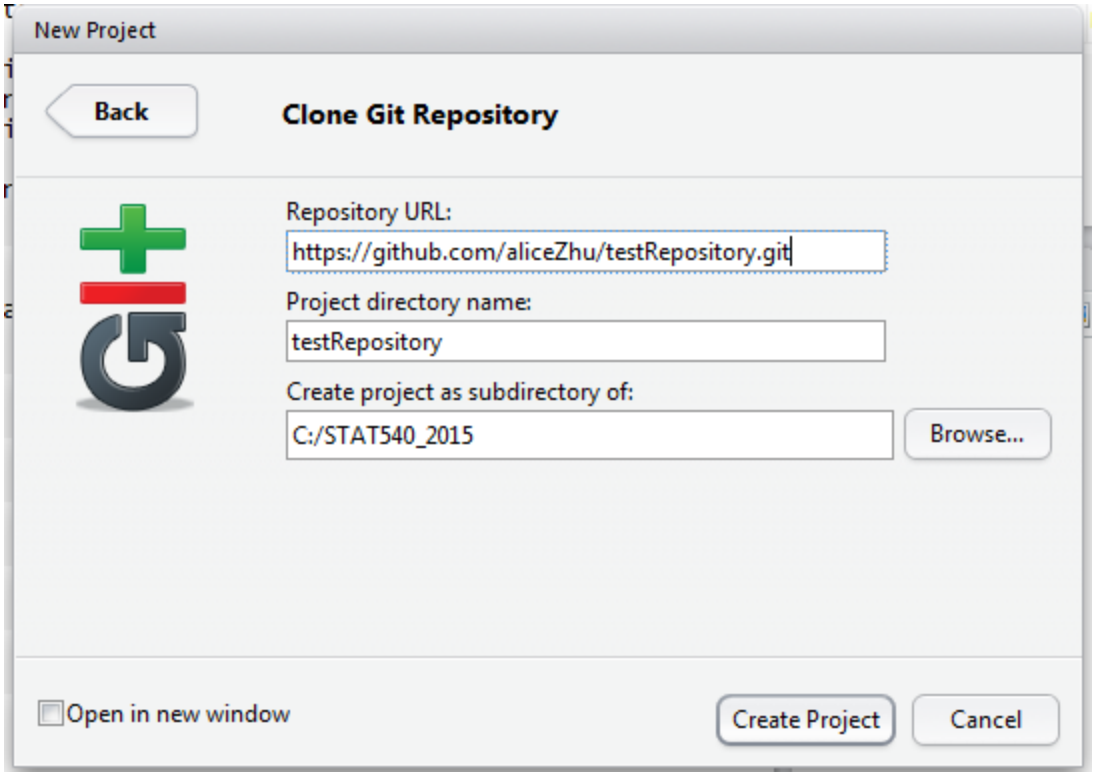
You need your repository URL



Go to your personal remote repository on github, and copy the link on bottom right corner



1. Paste the link to the previous popup panel, and now Rstudio knows where remote repository is located to do pull/push .
2. Then it will ask you for github name and password to establish the connection.

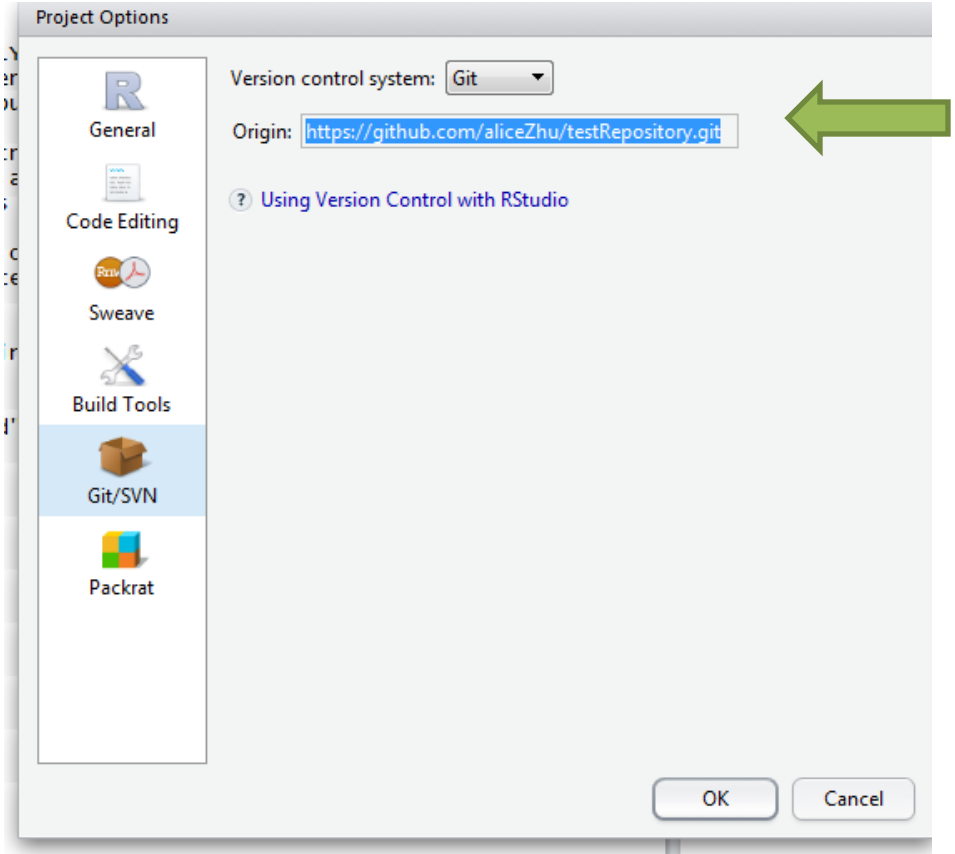


3. You also need to specify the path where your cloned project will be stored, i.e. your local repository will be created there. Your future “commits” will be reflected in this local repository
4. Create Project

Now your project is connected to your remote personal github repository

- You can confirm it at:

Tools → Project Options → Git/SVN



This link corresponds to where your personal git repository is located

Ready for commit, push/pull

- Now you can make changes in your local repository. You can commit your changes to your local repository, and push to/pull from the remote repository. These can be assessed from Tools/Version Control , or the Git panel (Right hand side)