

Instructions to configure

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This is a walkthrough to setup github for R. I will be putting step by step instructions here.

Step 1

We need to install git from <https://git-scm.com/downloads>

Step 2

We need to create an account on github and need to configure git with it. If you have Windows, search for git bash or bash in mac. Set up git with your user name and email.

Open a terminal/shell and type: `$ git config --global user.name "Your name here"` `$ git config --global user.email "your_email@example.com"`

Go to your github and make a new repository (Green color box called "New"). While making a repository, make sure to include a Readme file and make it public. Once this step is done, open your repository and copy the URL from the green box ("Code").

Step 3

Once it is configured, open RStudio > Tools > Install Packages In the package section, write "usethis". Once it is installed, go to your console and check `library(usethis)`. In order to set up git with your IDE, you need to go to File > New Project > Version Control > Git Then a new window will open. There is a space for you to put your URL (the one you copied earlier). Then check "open in new session" and then create project.

Step 4

Then in the console, run `use_git_config(user.name = "Your Name here", user.email = "your_email@example.com")` Make sure it is same as the one you used for github.

Step 5

Tools > Global options > Git/SVN Make sure to check on "enable version control interface for R" Your git executable should end with .exe (extension) Then on the SVN executable, you must select the .RProj extension Then click Ok. ### Step 6 File > New File > R Markdown

In this file, you can write your code by clicking on +C option (Green button on source window). Then click on R which will create a code chunk.

Step 7

Then we will test if the code written inside the chunk is working or not.

Once your code is done, save the file and then it will show up in the global environment window. Then click on git and then you can see the file you just saved.

Step 8

Select those files and then click on Commit button. It will direct you to a new window RStudio Review changes. In this section, choose the files you have saved. On the right side, there is a commit message window where you need to put your commit message and then press commit.

Step 9

For your file to be on your github repository, you need to push it from your local directory. You can see a green up arrow button which is called the push button. Once you have committed your changes, click on that button to push it to github.

Step 10

Finally, go back to your github repository and check your changes by refreshing the page.