

Welcome Cordula

Daniel

January 12, 2019

Create a repository

- You have to fill out the name.
- Make sure the repository is not totally empty. The easiest is to tick initialize with README. That will create a blank README.md file.

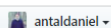
Try it with something different than welcome_cordula. You will receive at the end welcome_cordula from my repository.

```
knitr::include_graphics(path = file.path('images', 'step1.png'))
```

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner



antaldaniel

Repository name

welcome_cordula



Great repository names are short and memorable. Need inspiration? How about curly-carnival.

Description (optional)



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

☒ Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

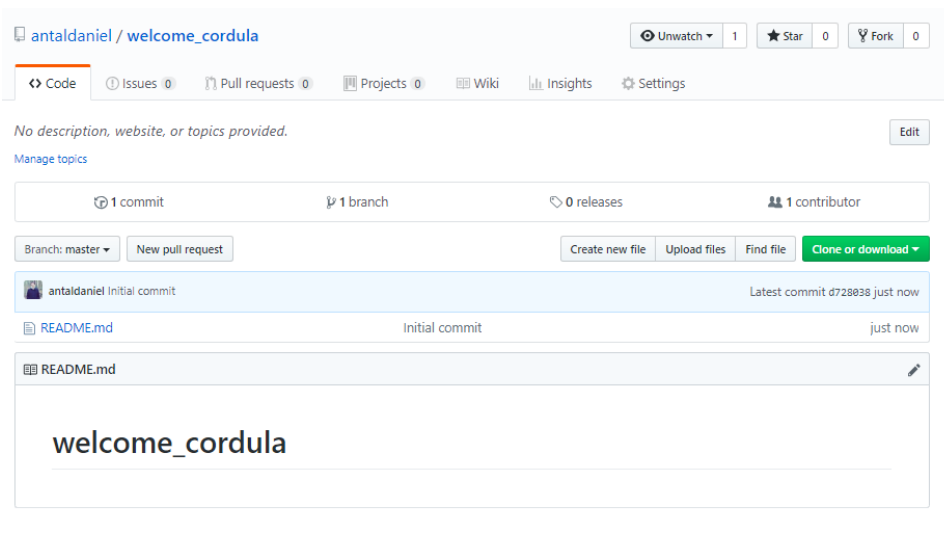
Add .gitignore: None

Add a license: None



Create repository

You will get here

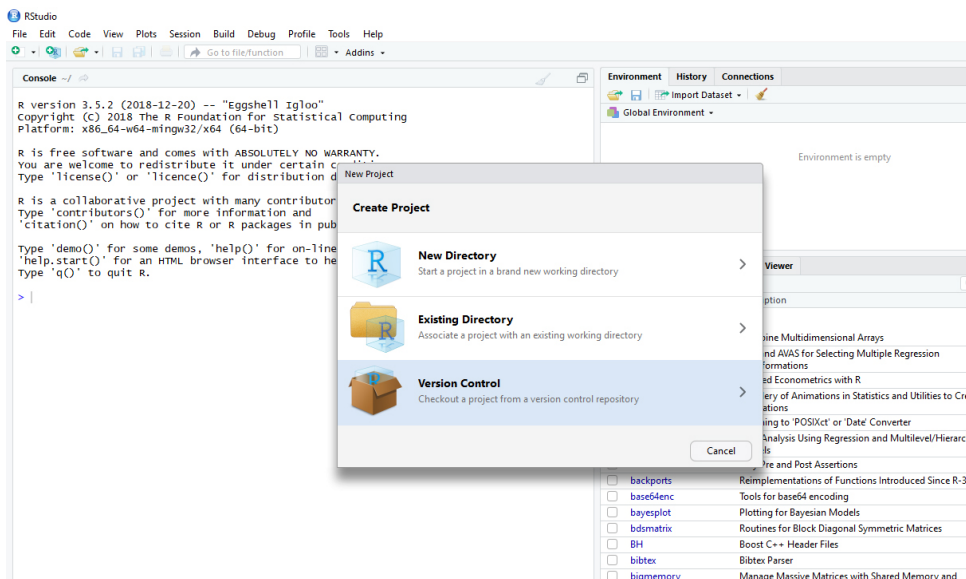


Installation of Git and Synchronizing with RStudio

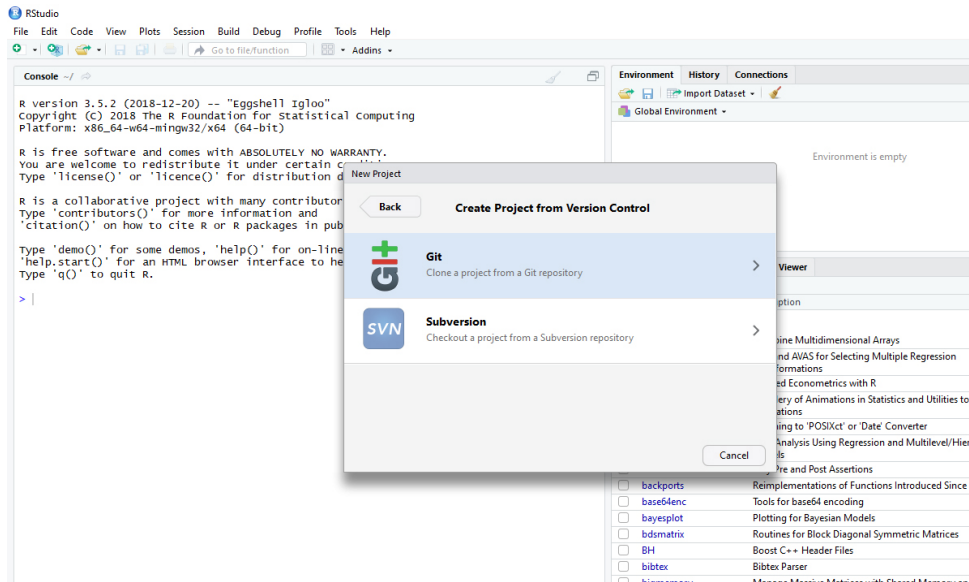
You have to refer to this article but very briefly. This needs to be done. I use Windows 10, I think you use Mac, right? Must be very straightforward.

Using GitHub in RStudio

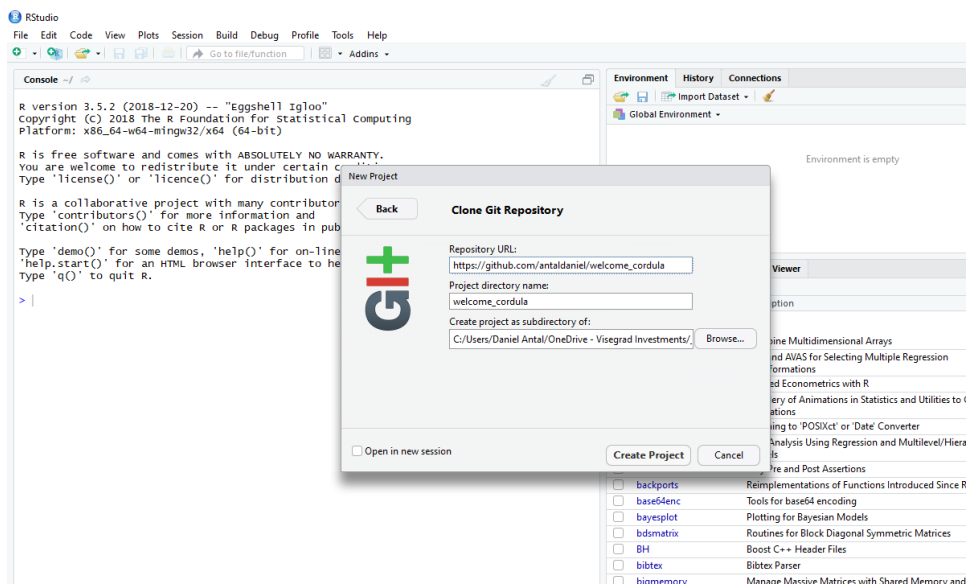
File / Start a new project, and select version control.



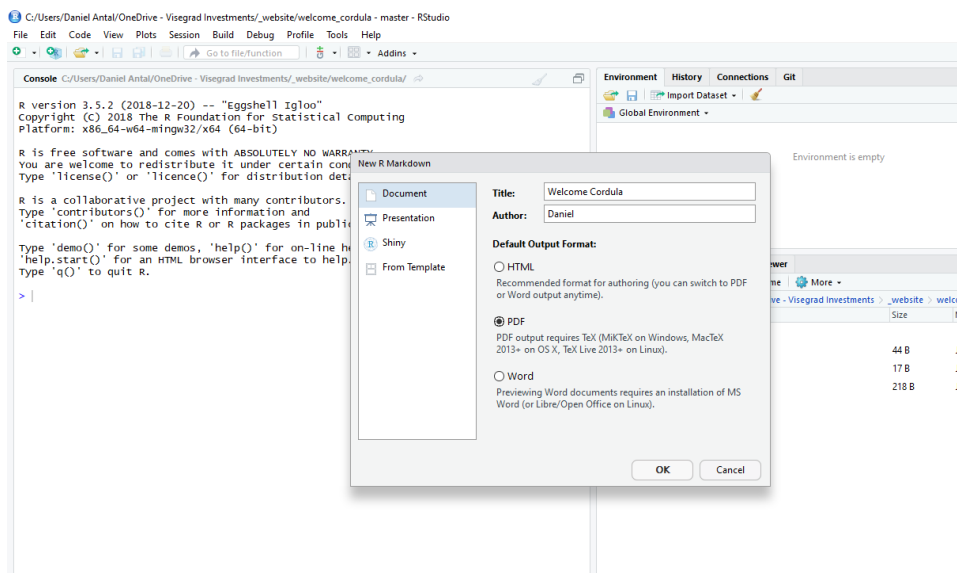
Choose Git



Clone from Git Repository. Just copy + paste your repository URL that you created in the first step.



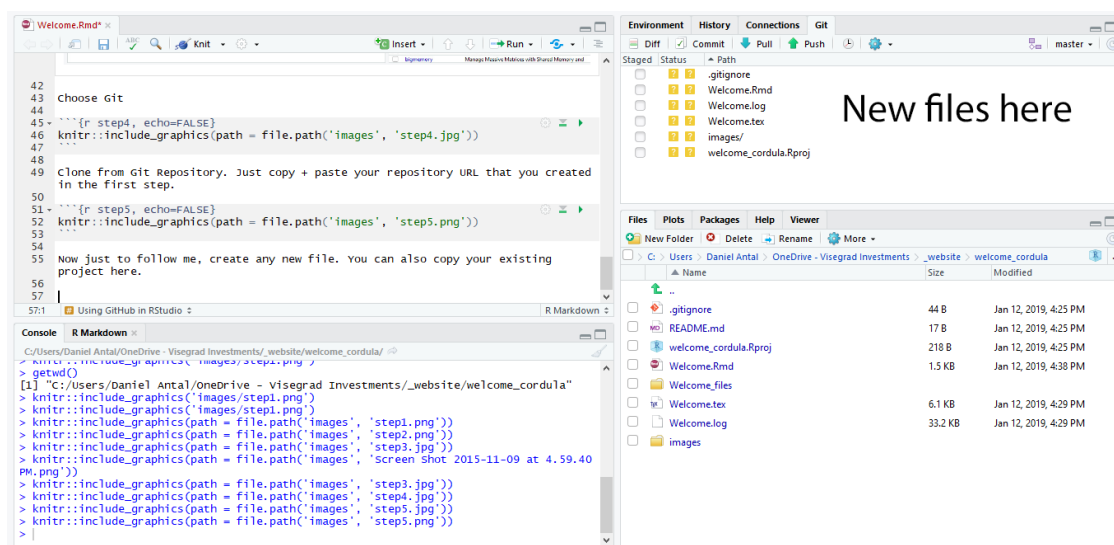
Now just to follow me, create any new file. You can also copy your existing project here. In the picture below, I am creating this Welcome.Rmd file for you!



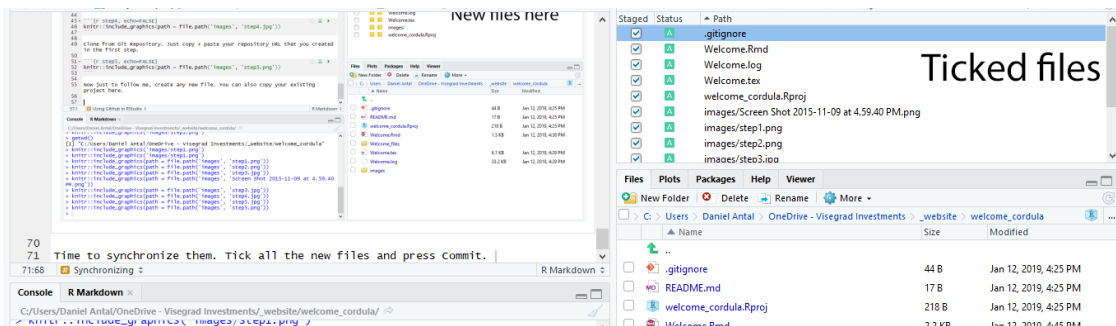
Synchronizing

Now I made my screenshots, saved them to `images/` and RStudio+Git added a few other files, too, including the rather important `.gitignore`. (Do not delete it.)

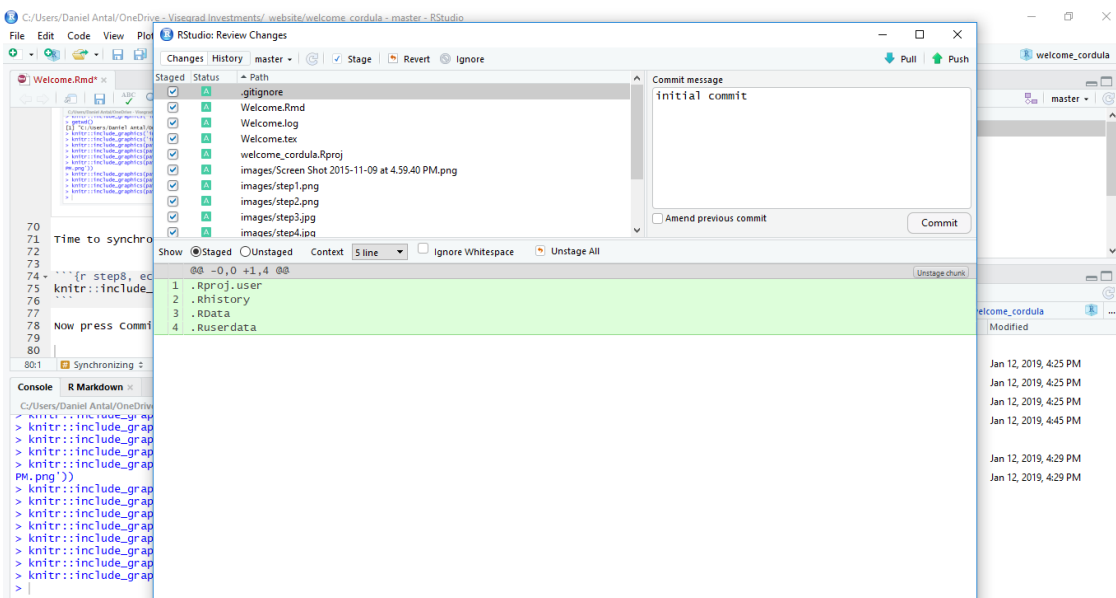
If you click Git in the window pane for **Environment** / **History** / **Connections** / **Git**, then you will see all your synchronized files with green, deleted with red, and others that wait to be synchronized with yellow.



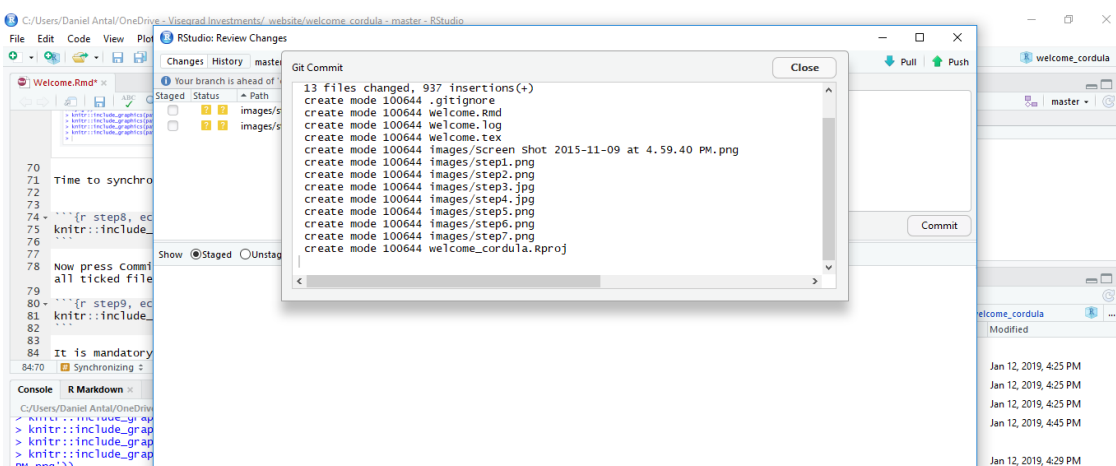
Time to synchronize them. Tick all the new files.



Now press Commit. A new window will pop up where you can review all changes in all ticked files.



It is mandatory to fill in a description. I typed `initial commit`. After writing a short description and pressing Commit again, it will prepare everything to be uploaded. It is not yet uploaded. For example, you can choose to do Commit for each file, writing a short reminder what did you change in them.



When ready, press Push, and it will do the upload.

Check it out and download it to your computer

You can check it out here on https://github.com/antaldaniel/welcome_cordula.

You can press Fork (I cannot show it, because I would have to use your computer to do this trick, which would be only possible if I would be behind your desk in Budapest.)

If you press fork, you can import this as https://github.com/corduline/welcome_cordula. You can get these files, and write your questions or anything nice in a file, referring to step 3 **Using GitHub in RStudio**.

If you need help, create a repository, I can fork it, make amendments, and let you know how you can get it back, I cannot show it right now.