

African Population conference (APC) pre-conference workshop

Exploring and Analyzing Satellite and Gridded Data on Climate and Population with R and Git Code Tracking

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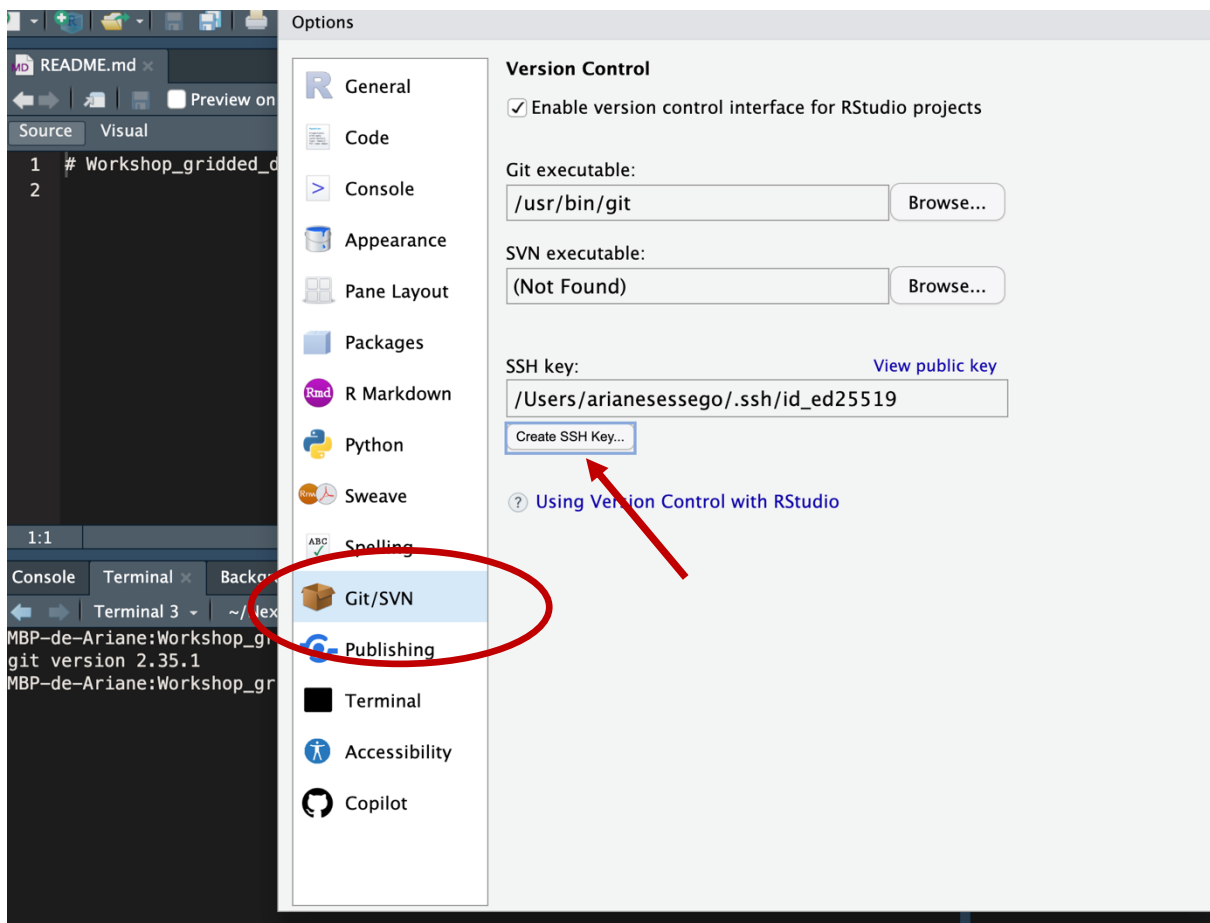
To prepare before the workshop (2)

For the workshop to go as smoothly as possible, we kindly ask you to go through the following steps before the workshop (a few days in advance will help you make sure you have time to solve any problem). These are steps you have to follow once you installed Git and created a github account (for instructions see the first handout):

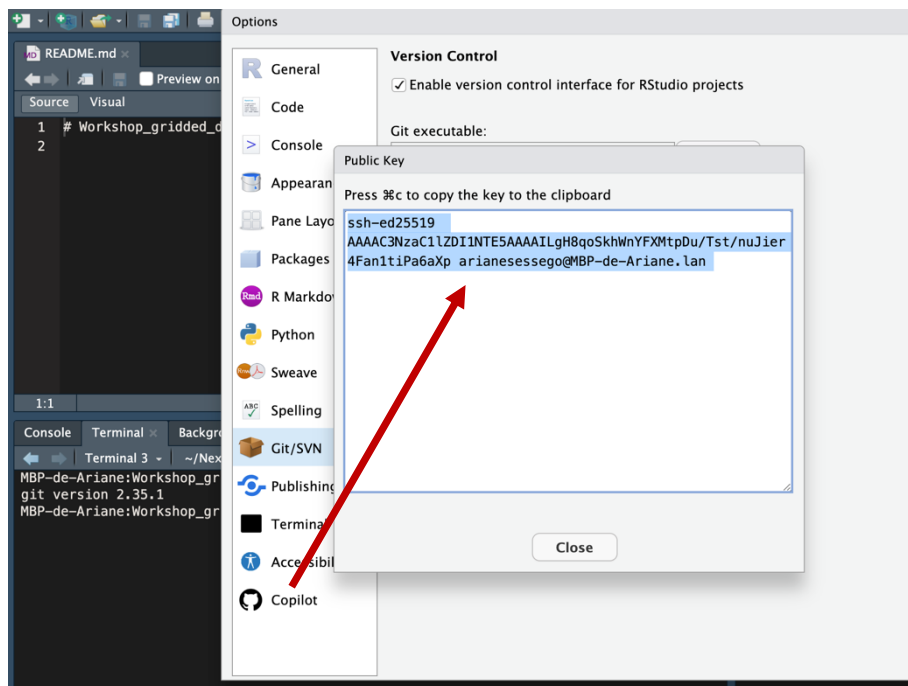
Connecting your Github account with RStudio: RStudio needs a secure way to log in your Github account. To do this we will create a special password (an SSH key – or Secure Shell key) and configure it in RStudio and Github.

1. Create an SSH Key:

- In RStudio go in Tools > Global Options > Git/SVN
- Click on "Create an SSH key" > "Create" (the password is not required)

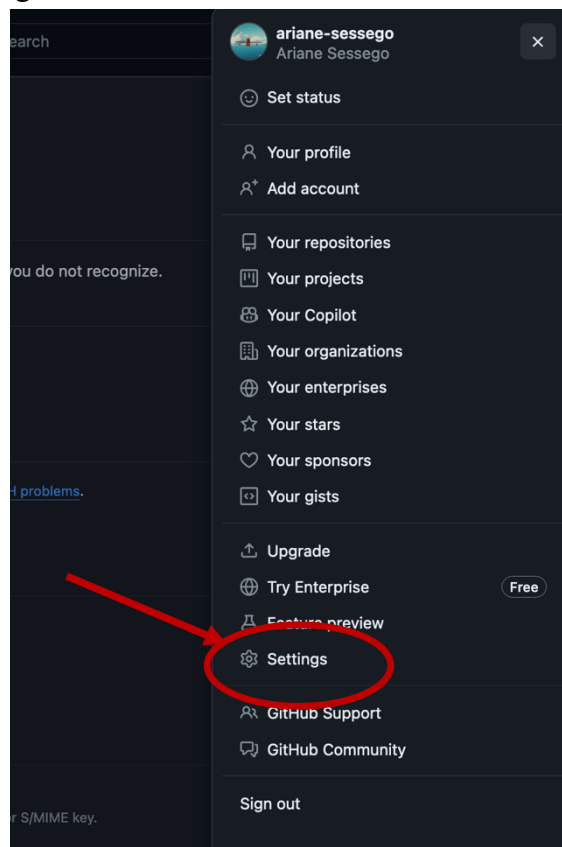


- It shows you your private password – close the window
- Click on view public key and copy (CTRL+V)



2. Add this SSH key to your Github account:

- On your Github account (<https://github.com/> - don't forget to log in!), go in Settings



- Go in SSH and GPG keys and click on “New SSH key”

The screenshot shows the GitHub account settings interface. On the left sidebar, the 'SSH and GPG keys' option is highlighted with a red circle and an arrow. The main content area displays the 'SSH keys' section, which includes a 'New SSH key' button in the top right corner, also indicated by a red arrow. Below the SSH keys section, the 'GPG keys' section is visible, showing that no GPG keys are currently associated with the account.

- Paste the public key you copied on your Rstudio and give it a name (usually the name of your computer), then “Add SSH key”

The screenshot shows the 'Add new SSH Key' form in GitHub. The 'Title' field is labeled 'Choose a name' in red. The 'Key type' is set to 'Authentication Key'. The 'Key' field contains a sample public key, which is circled in red and labeled 'COPY the public key' in red text.

- That’s it! (Normally) you will not have to repeat this step for all your future projects on this computer.

Looking forward to seeing you for this workshop! Don’t hesitate to contact us if you run into any problem, and we’ll try our best to help you fix it!

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