

# Startup guide for Lab (GitHub and MATLAB)

## GitHub

1. Create account on GitHub (<https://github.com/>)
2. Download Git Desktop for Windows or Mac (<https://desktop.github.com/>). For linux install git using terminal (sudo yum install git or sudo apt-get install git).
3. Open Git Desktop (for Windows/Mac)
  - a. Files -> Clone Repository
  - b. Git clone IITR\_seismo repository using URL from ([https://github.com/vsilwal/IITR\\_seismo](https://github.com/vsilwal/IITR_seismo)). [see figure 1]
  - c. For linux tutorial on Git see this: <https://rogerdudler.github.io/git-guide/>
4. A startup tutorial to git see this: <https://guides.github.com/activities/hello-world/>

## MATLAB

1. Go to Institute Computer Center website of IIT Roorkee (<https://www.iitr.ac.in/centers/CC/pages/Resources+MATLAB.html>)
2. Scroll to the bottom of the page and click on [Indian Institute of Technology Roorkee's MATLAB Portal](#) link (elect Indian zone if asked for). [see figure 2 below]
3. Click on Sign in to get started. [see figure 3]
4. Create an account on Mathworks using your iitr email address [see figure 4]
5. Download Installer [see figure 5]
6. Follow through with the installation process (root password, run exe file, etc)
7. Install using Mathworks account and NOT the Installation Key [see figure 6]
8. Click yes on license agreement [see figure 7]
9. Use your Mathworks account credentials to Install [see figure 8]
10. Click Next [see figure 9]
11. Choose path where you want to install (use default if you don't know what you are doing) [see figure 10]
12. Use default Toolbox [see figure 11]

## Figures

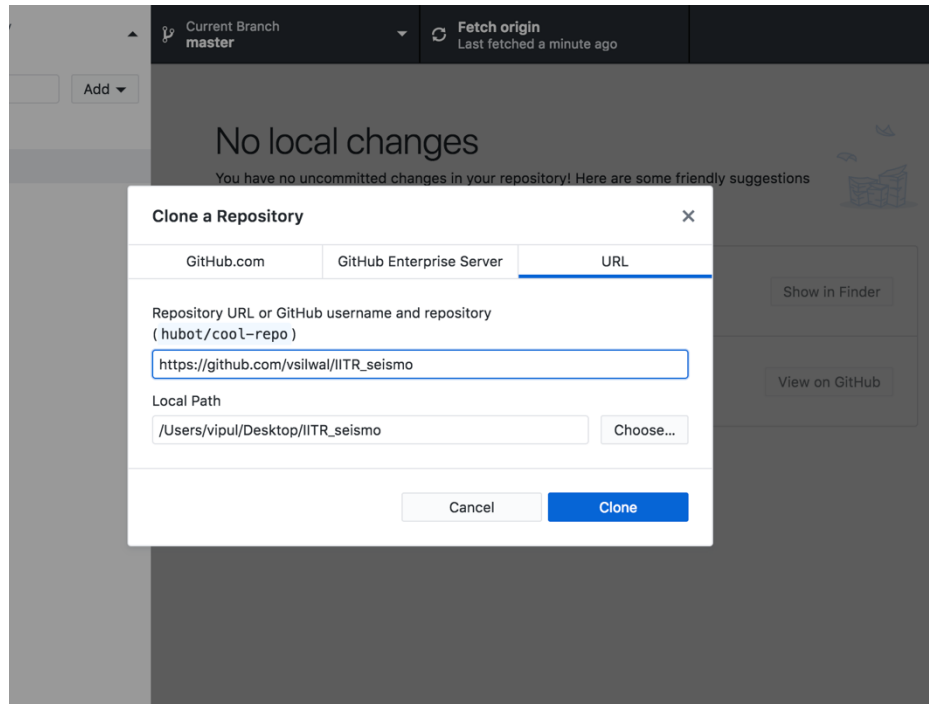


Figure 1

Go to [Indian Institute of Technology Roorkee's MATLAB Portal](#) to download

Access free, self-paced training to get started in less than 2 hours: [MATLAB Onramp](#).

Commercial use of MathWorks products is not covered by our TAH license, so if you are using a commercial license, please continue to do so.



Figure 2

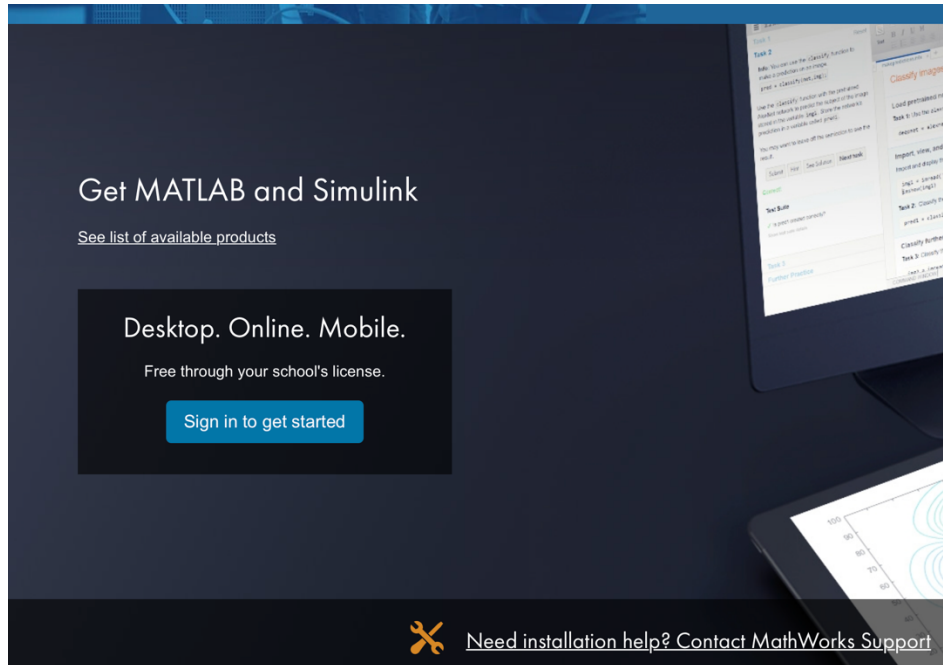


Figure 3

To download MATLAB, you must have a MathWorks Account created with your university email address.

### Sign in to your MathWorks Account

Email Address or User ID:

Password:

[Forgot Password?](#)

☒ Keep me signed in

Figure 4

### Install and Activate Software on a Computer

|               |   |
|---------------|---|
| <b>STEP 1</b> | Download the installer to the computer you want to activate.                                    |
| <b>STEP 2</b> | While connected to the Internet, run the installer to download your product files and activate. |

Download Installer

### HELPFUL RESOURCES

View this license in the [License Center](#).

Manage your account information and your software in [My Account](#).

Read up on [installation and activation for users](#) or troubleshoot issues on the [support page](#).

Use [MATLAB Academy](#) to learn the basics and get started.

### ACCESS MATLAB ON THE WEB

» [Use MATLAB Online](#)

Figure 5

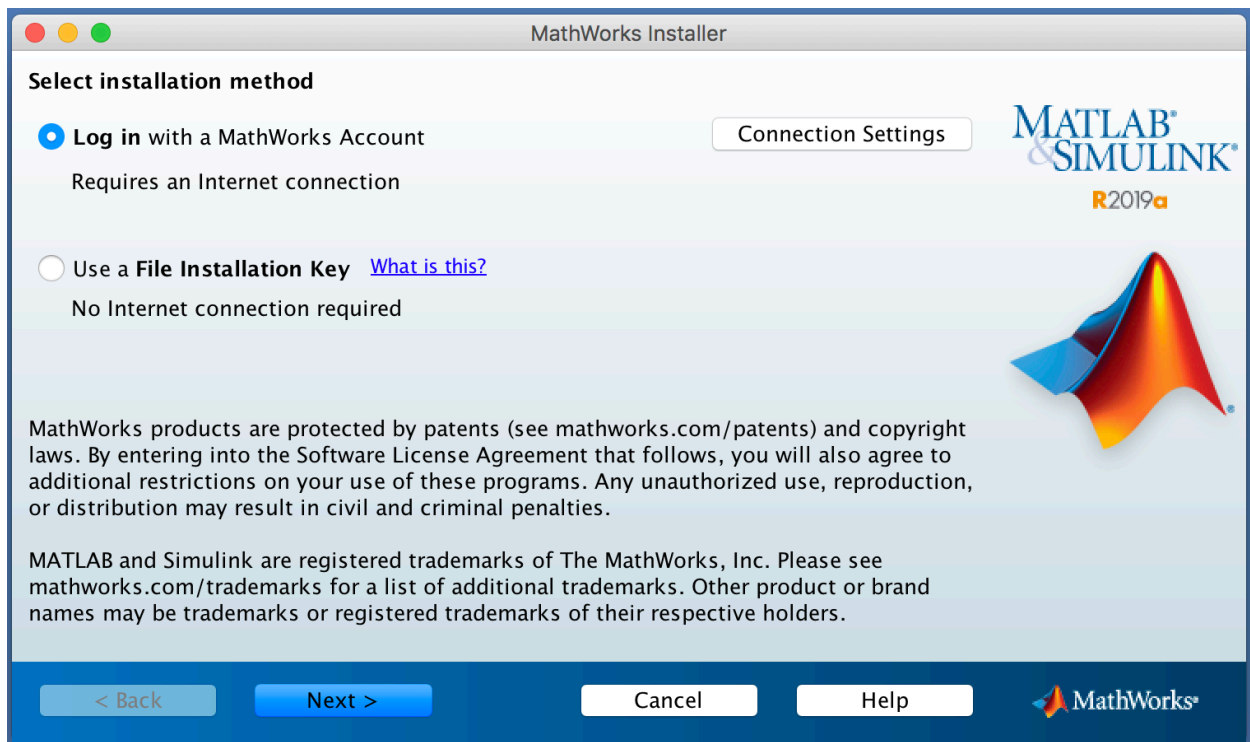


Figure 6

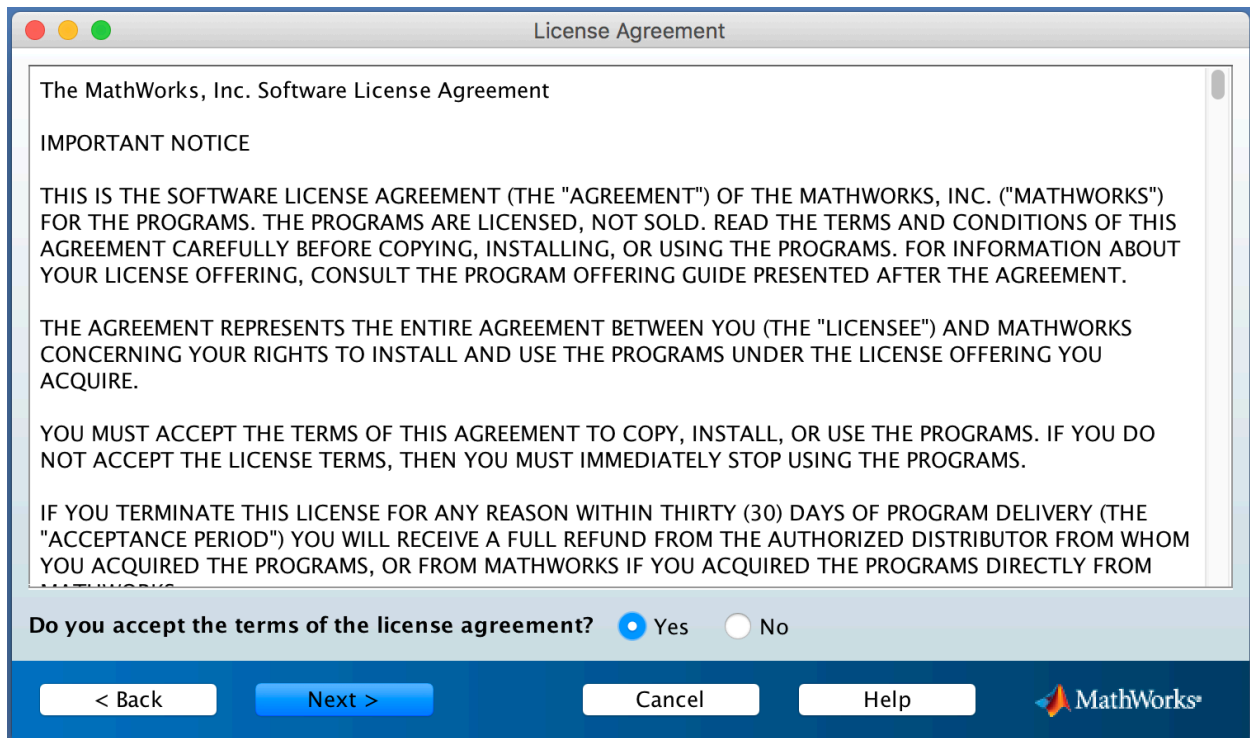


Figure 7

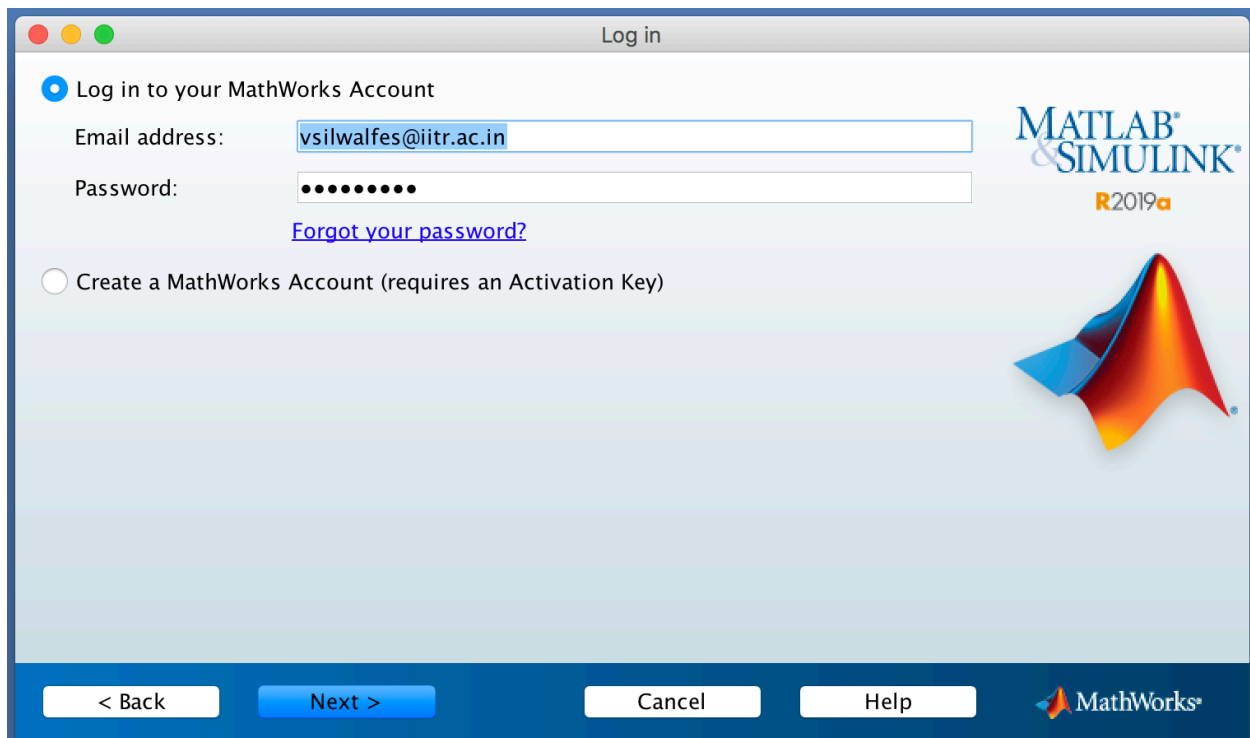


Figure 8

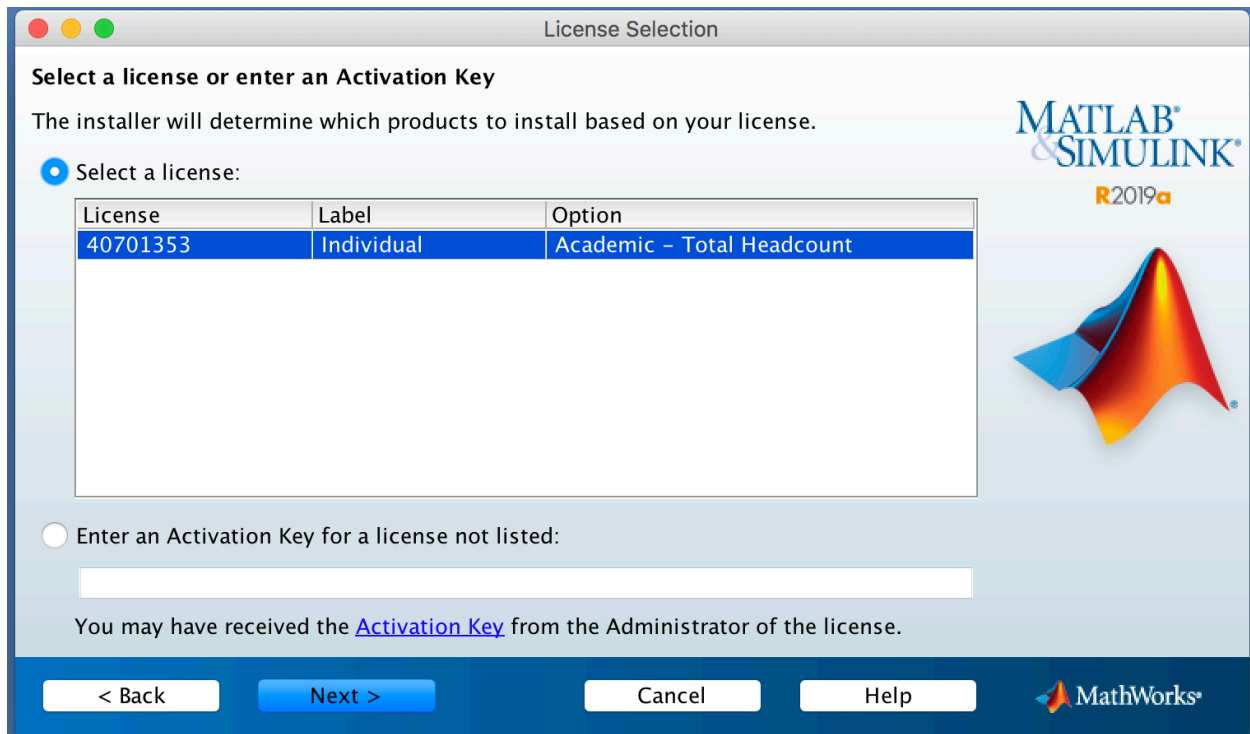


Figure 9

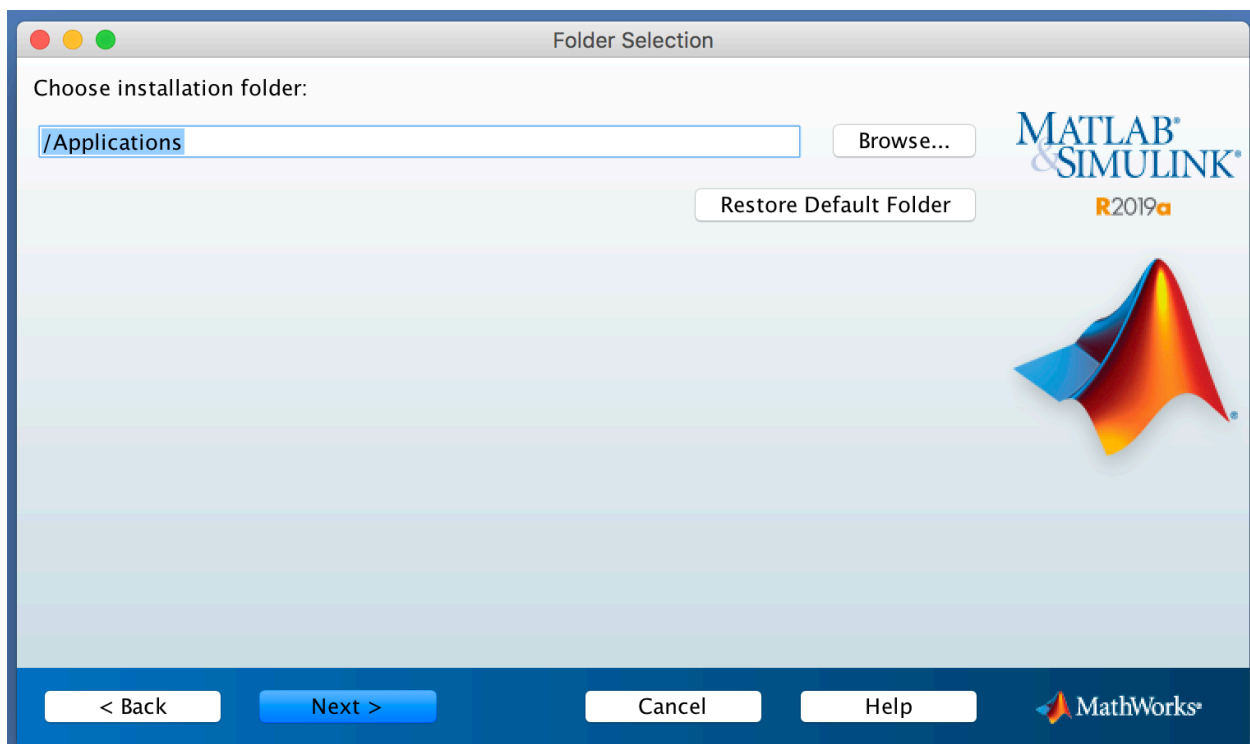


Figure 10

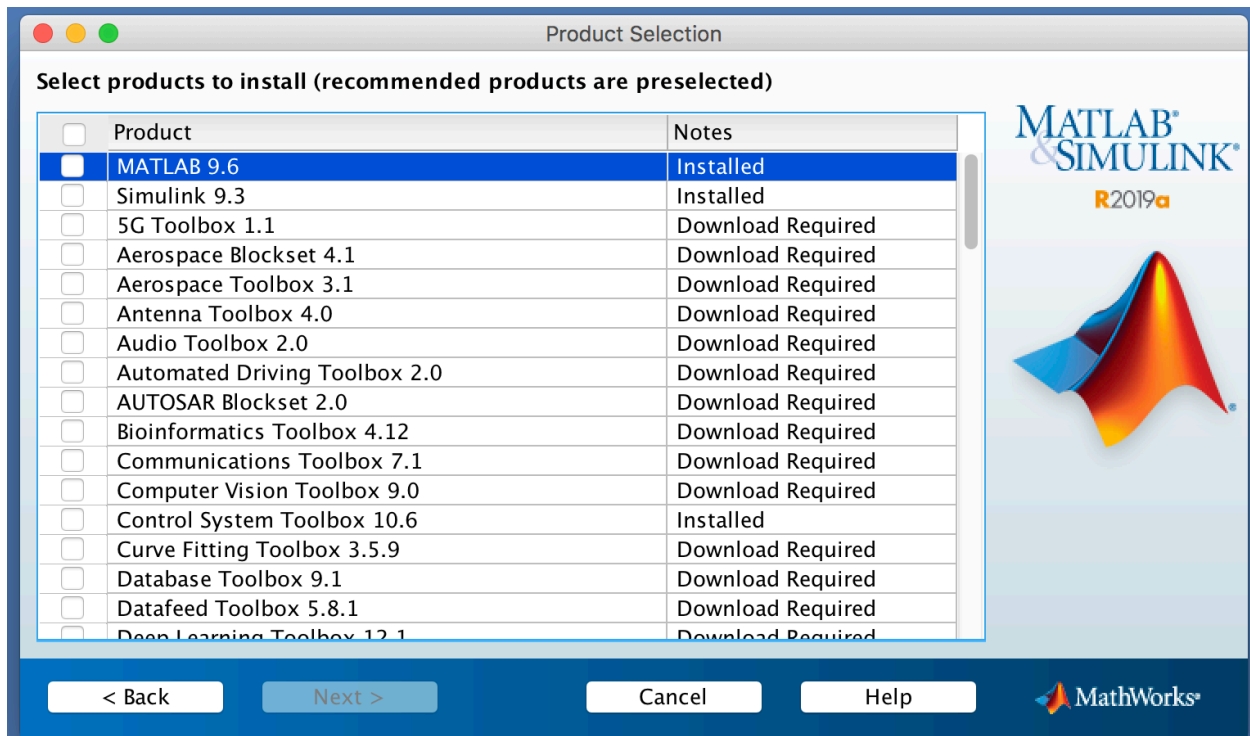


Figure 11