

Startup guide for Lab (GitHub and MATLAB)

Course: ES 421 and ES 510

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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 classes repository using URL from (<https://github.com/iitr-seismology/classes>). [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]
13. Keep clicking Next

Figures

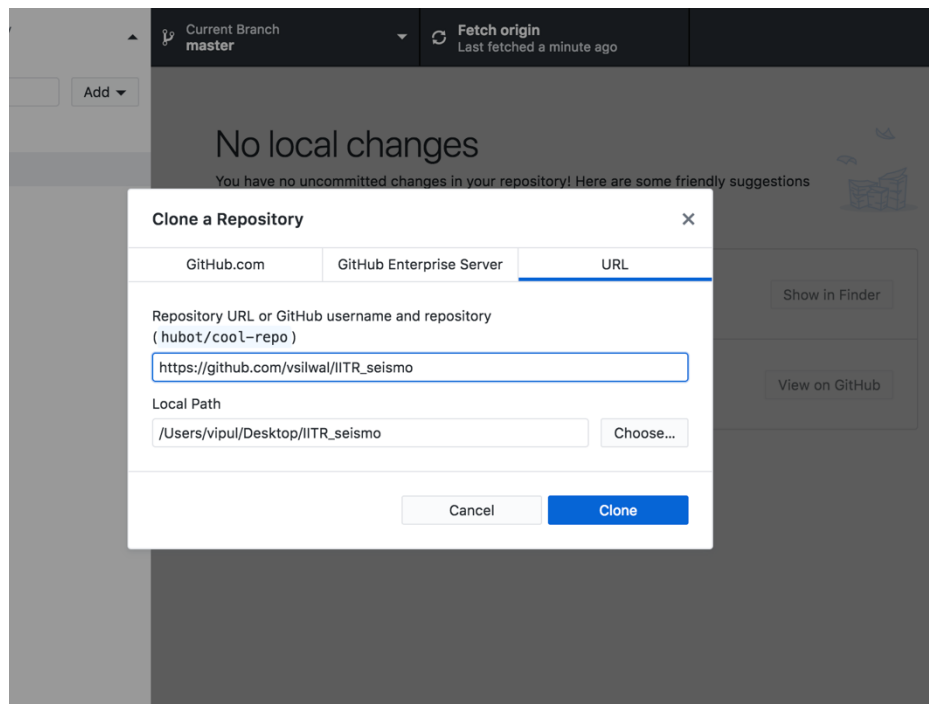


Figure 1

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

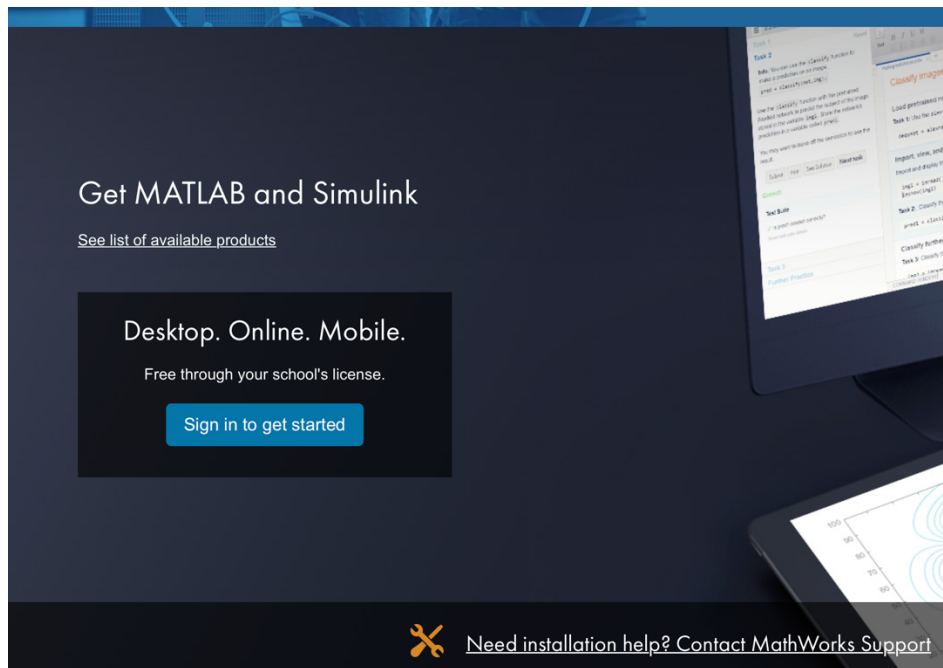


Figure 3

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

STEP 1	Download the installer to the computer you want to activate.
STEP 2	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

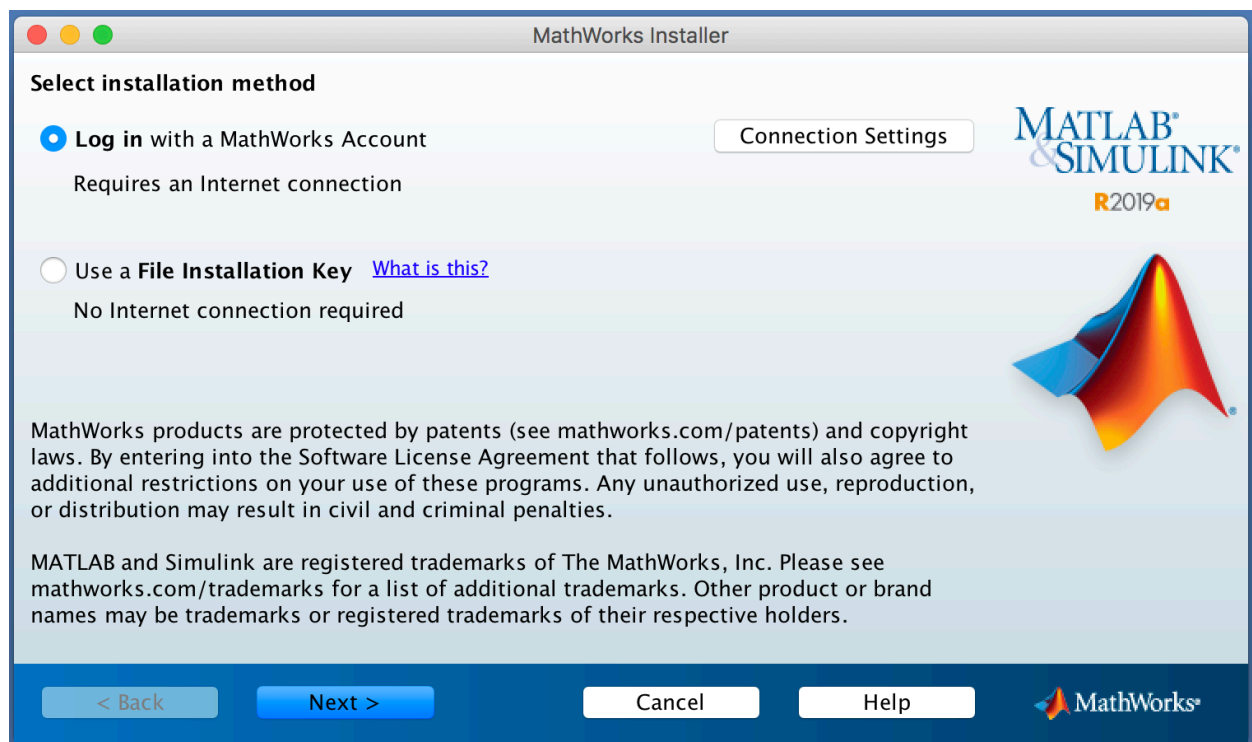


Figure 6

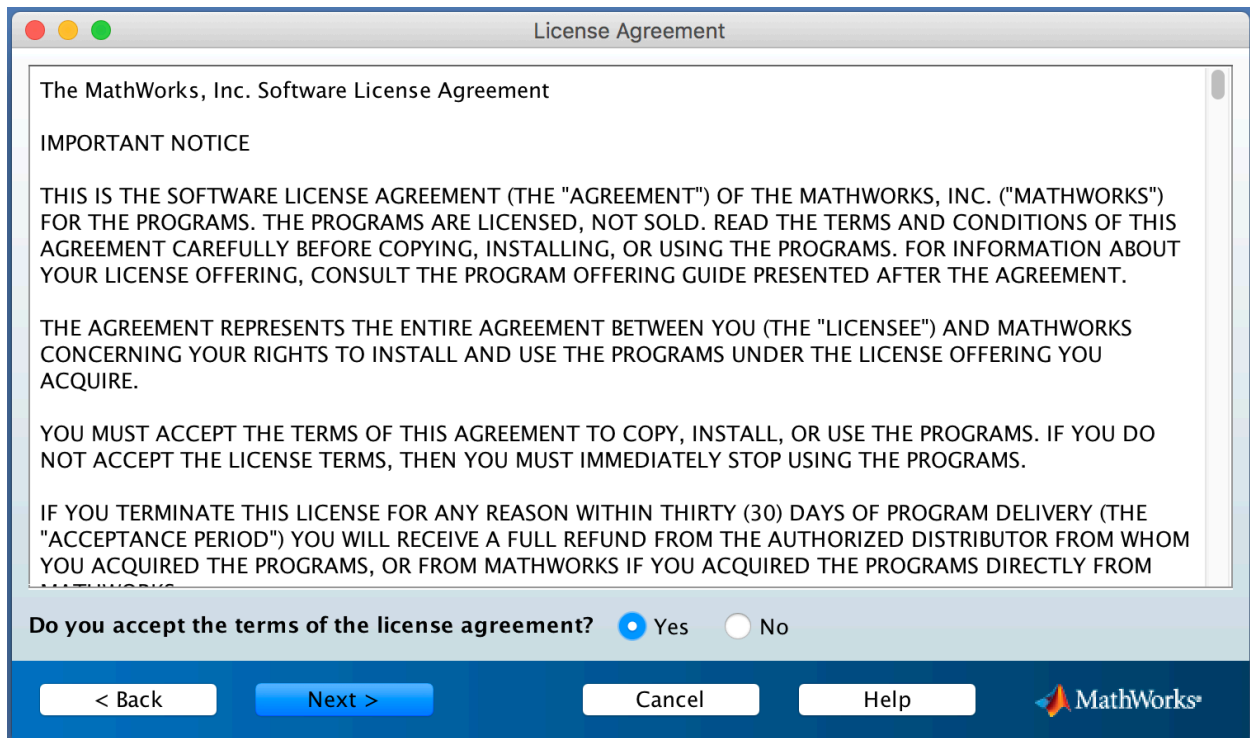


Figure 7

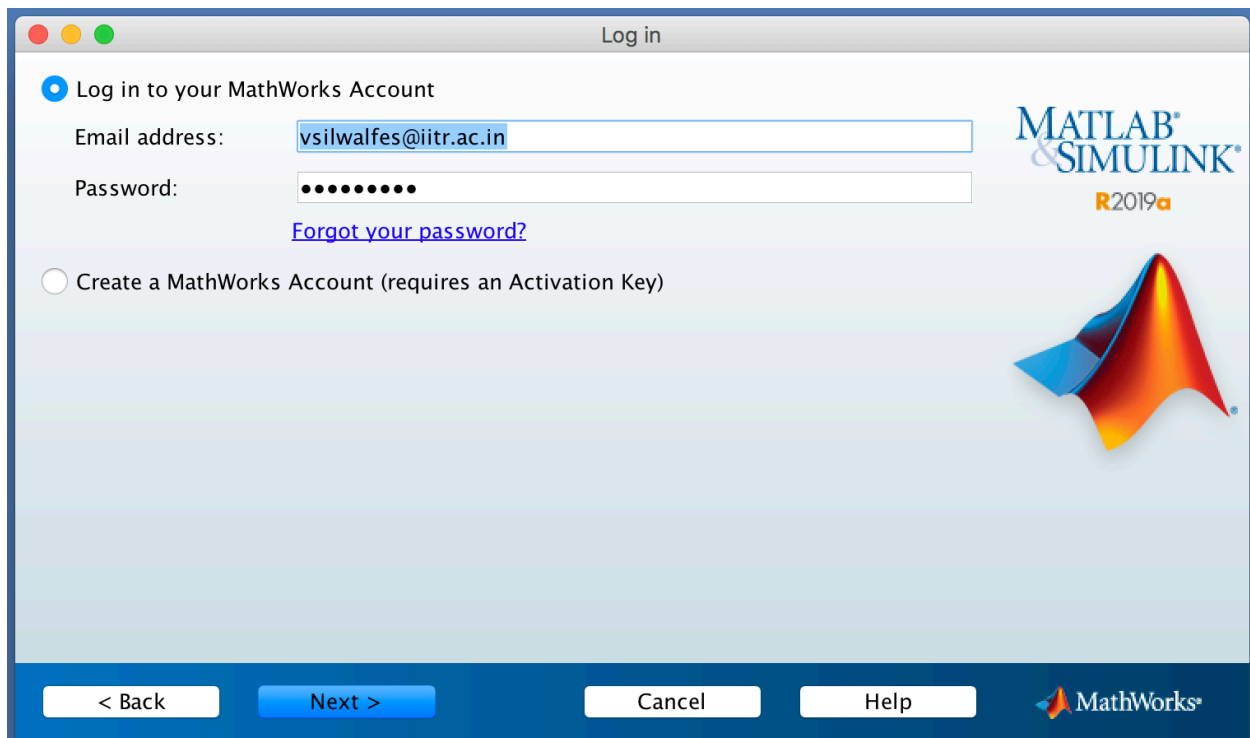


Figure 8

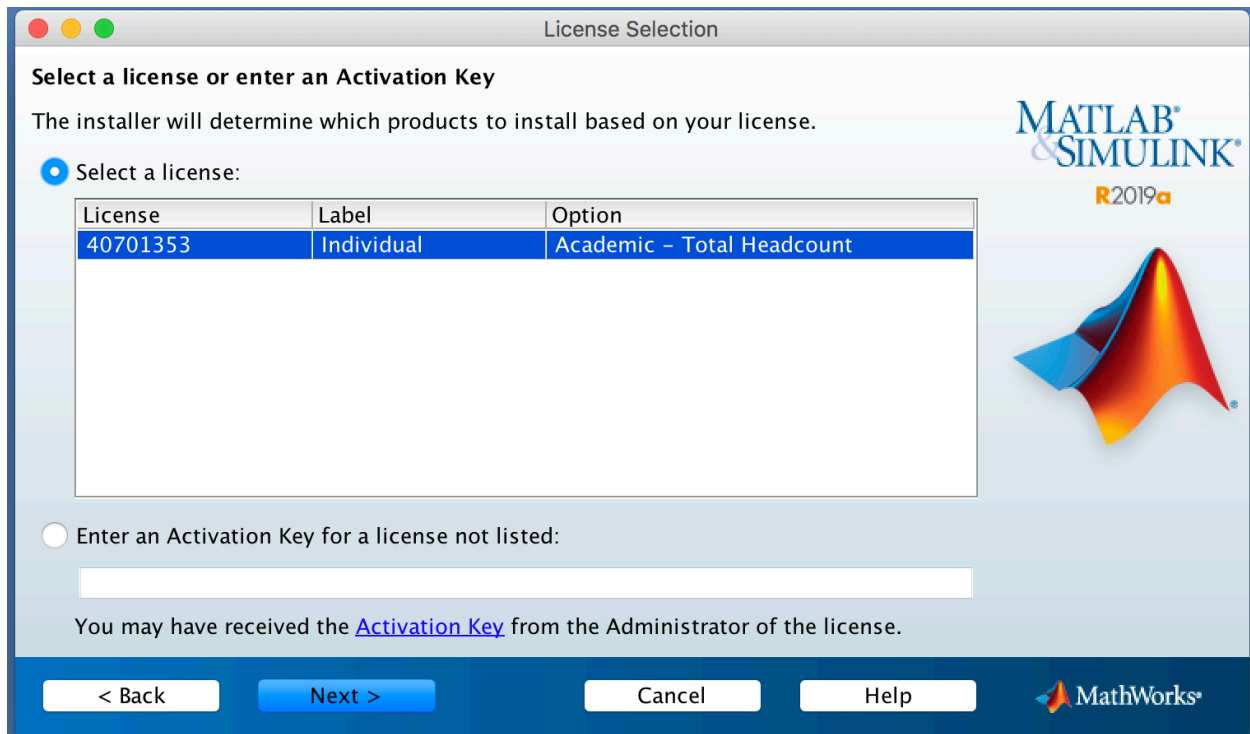


Figure 9

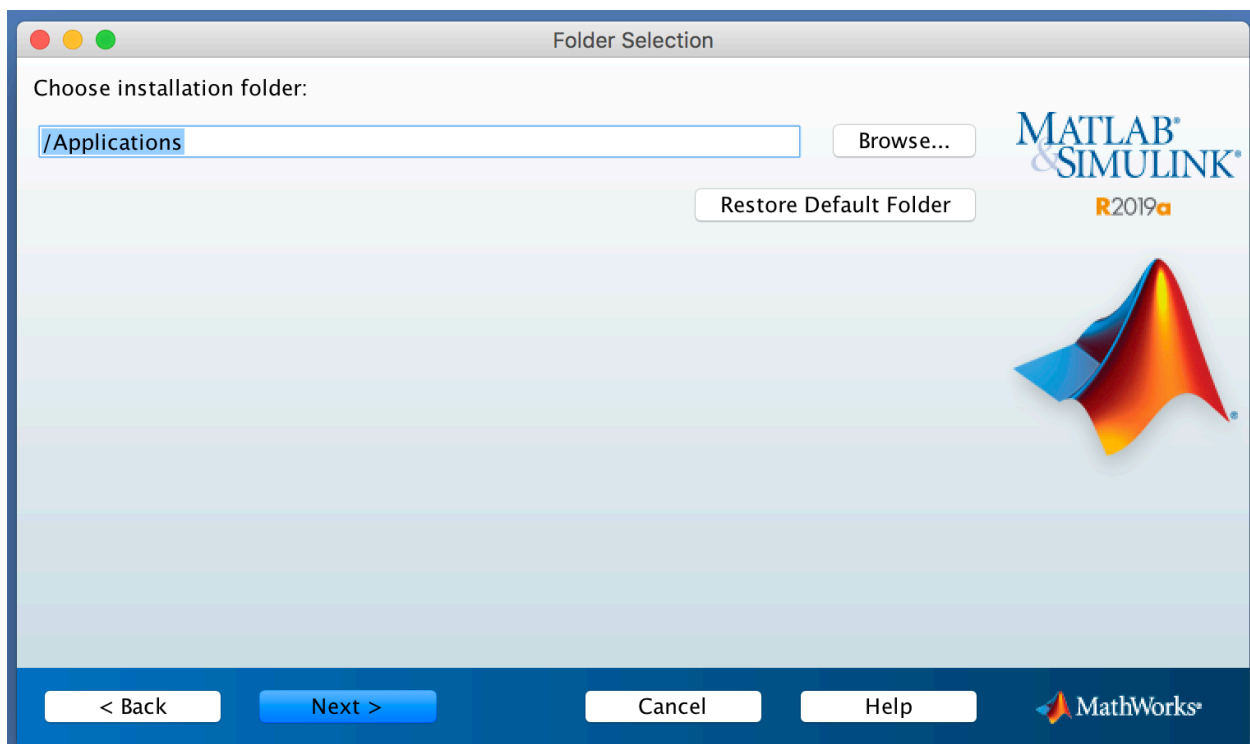


Figure 10

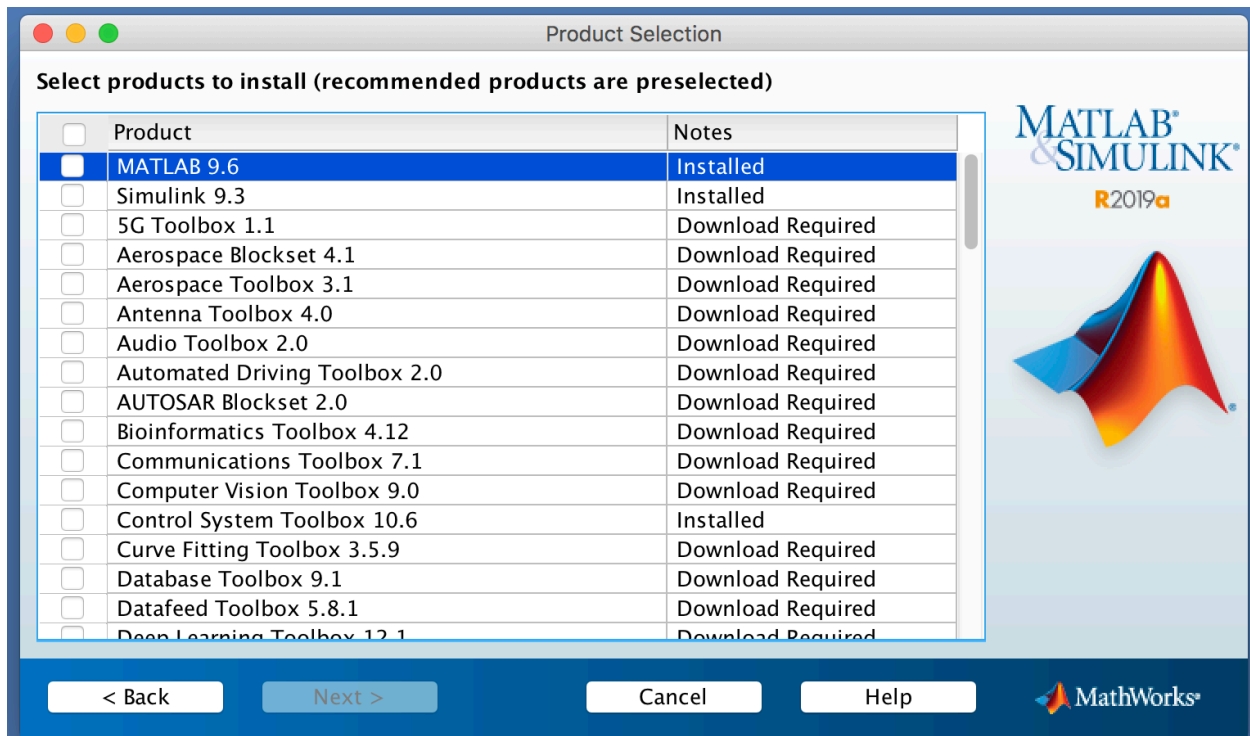


Figure 11