



Step-by-step guide to ANSYS Student on the Cloud

Step 1:

We will send you an email like this, from where you can activate your account.

Hello and Welcome to ANSYS Student running on the Cloud!

For the upcoming Cornell/EdX course: A Hands-on Introduction to Simulation, we have a virtual cloud-based machine running the ANSYS Student product available for you that can be used for the practical workshops. This cloud based version of ANSYS Student is accessed via your web browser (for list of supported browsers, [click here](#)), you don't need to download or install the ANSYS Student product on your local machine, this is all a browser based experience.

This is really the future of ANSYS simulation and we are very pleased to offer this service to you [free of charge](#) for the duration of the Cornell/EdX course. The access to the cloud machines is provided as a courtesy of [ANSYS](#), [FRAME](#) and [Microsoft Azure](#).

The cloud machines comes pre-loaded with the version of ANSYS Student software you are going to use during the MOOC (ANSYS Student 16.2), as well as all the input files you will need to perform the practical work.

To check if your internet connection satisfy the requirements for using ANSYS Student on the cloud, please use the quick compatibility check we created [here](#). If your latency and bandwidth don't allow you to run ANSYS Student on the cloud we highly recommend to download a local copy of the product and to let another student take advantage of the cloud access.

Please note that you must use you cloud account at least once each week starting with the first day of the course, otherwise your account will be deactivated and made available to another student.

ACTIVATE YOUR ACCOUNT AND START
SIMULATING THE FUTURE

Thanks,

The ANSYS Academic & Cloud Team

For help on the FRAME tool, please use the documentation on <https://docs.fra.me/>.

Step 2:

Check your details, and set a password for yourself.

Hi there! The email address you gave us was:
giovanni.petrone+testm@ansys.com

To set up your new account,
we only need a few more things:

Name Surname

Password

START

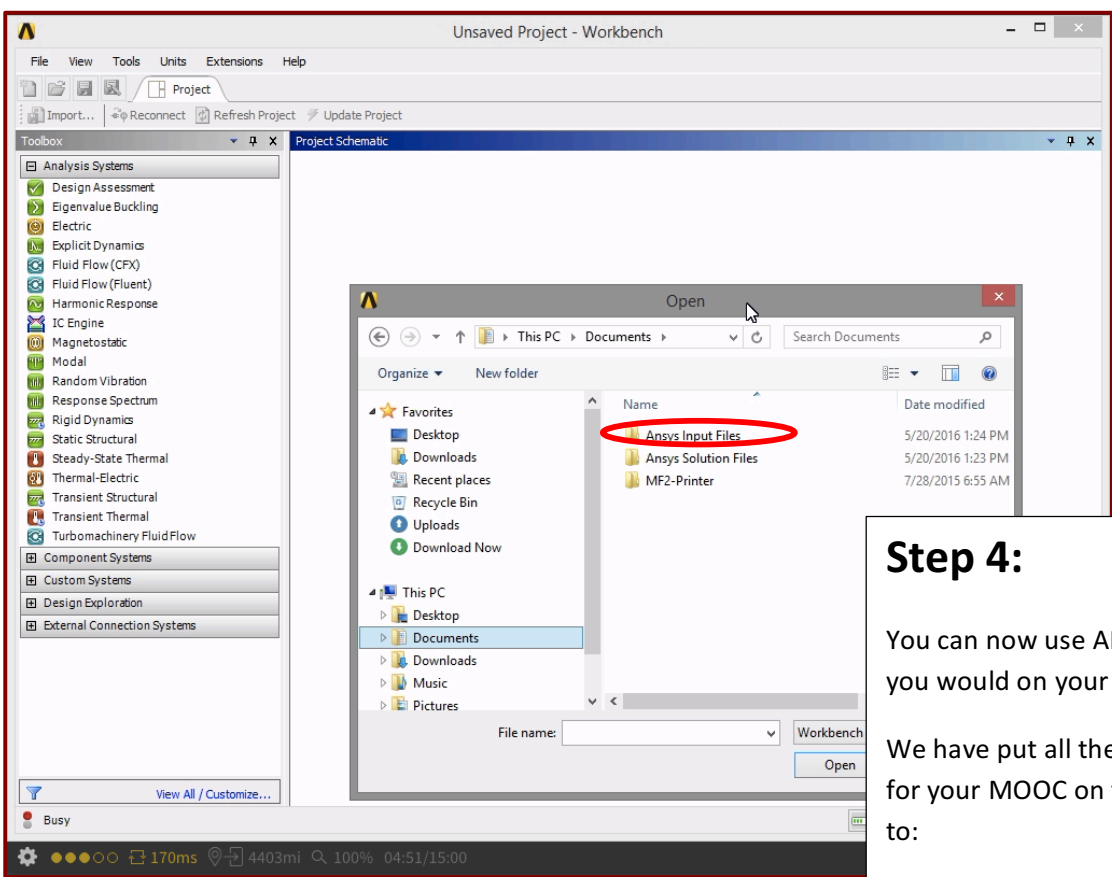
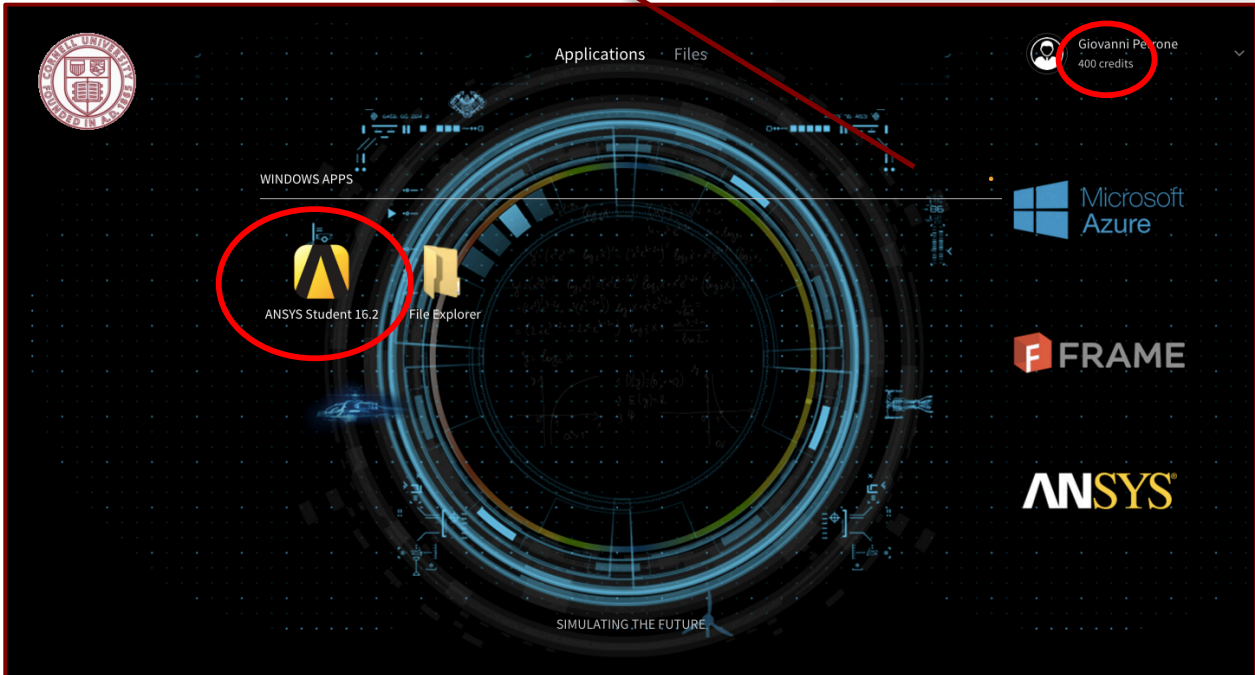
By creating an account and using Frame, you agree to our
Terms and Conditions. If you do not agree, you cannot use Frame.

NOTE: You should expect a wait for 2-3 minutes here. It is at this point that a cloud machine gets 'booted up' for your use.

Step 3:

This is your launching screen. Click 'ANSYS Student 16.2' to start the cloud machine.

Your configuration consumes 10 credits/hr. You are entitled to 40 hours of simulation for the MOOC.



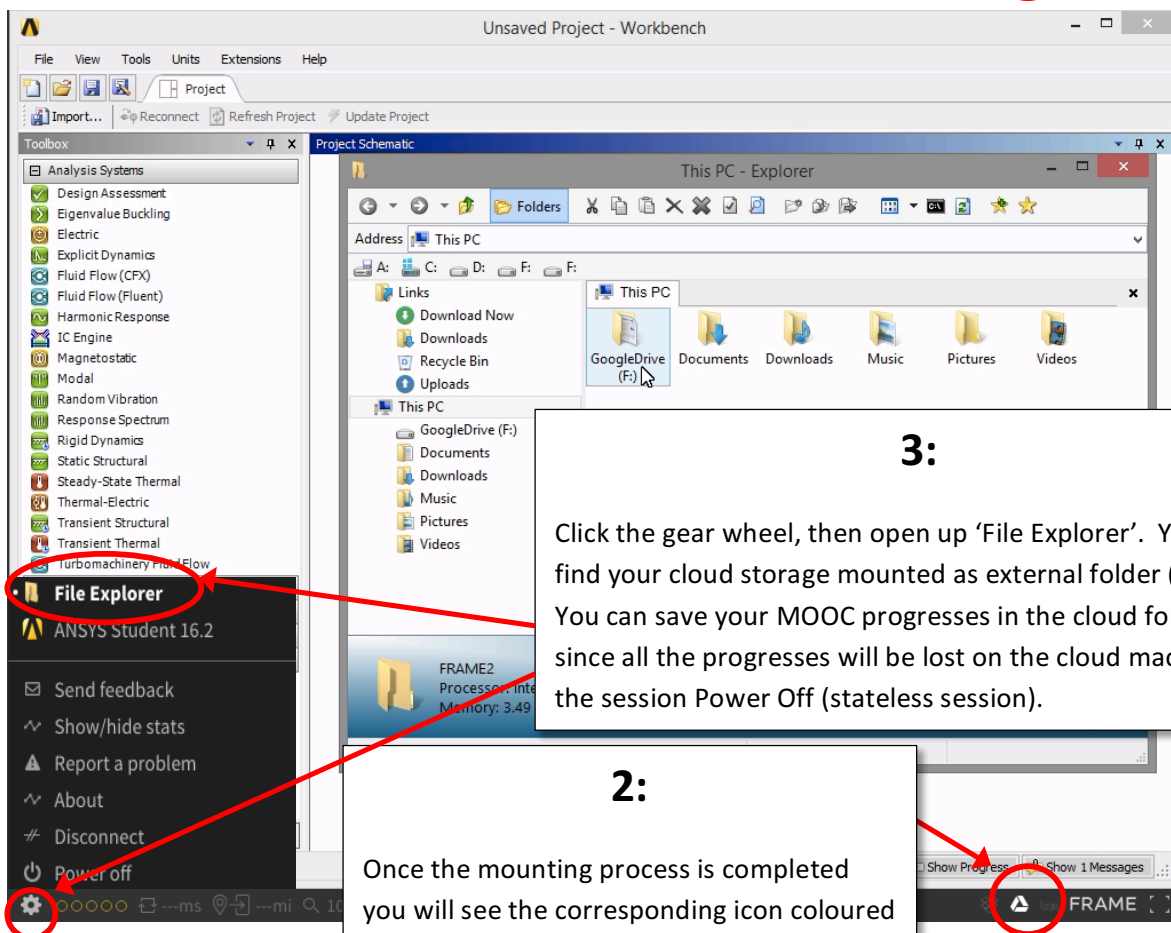
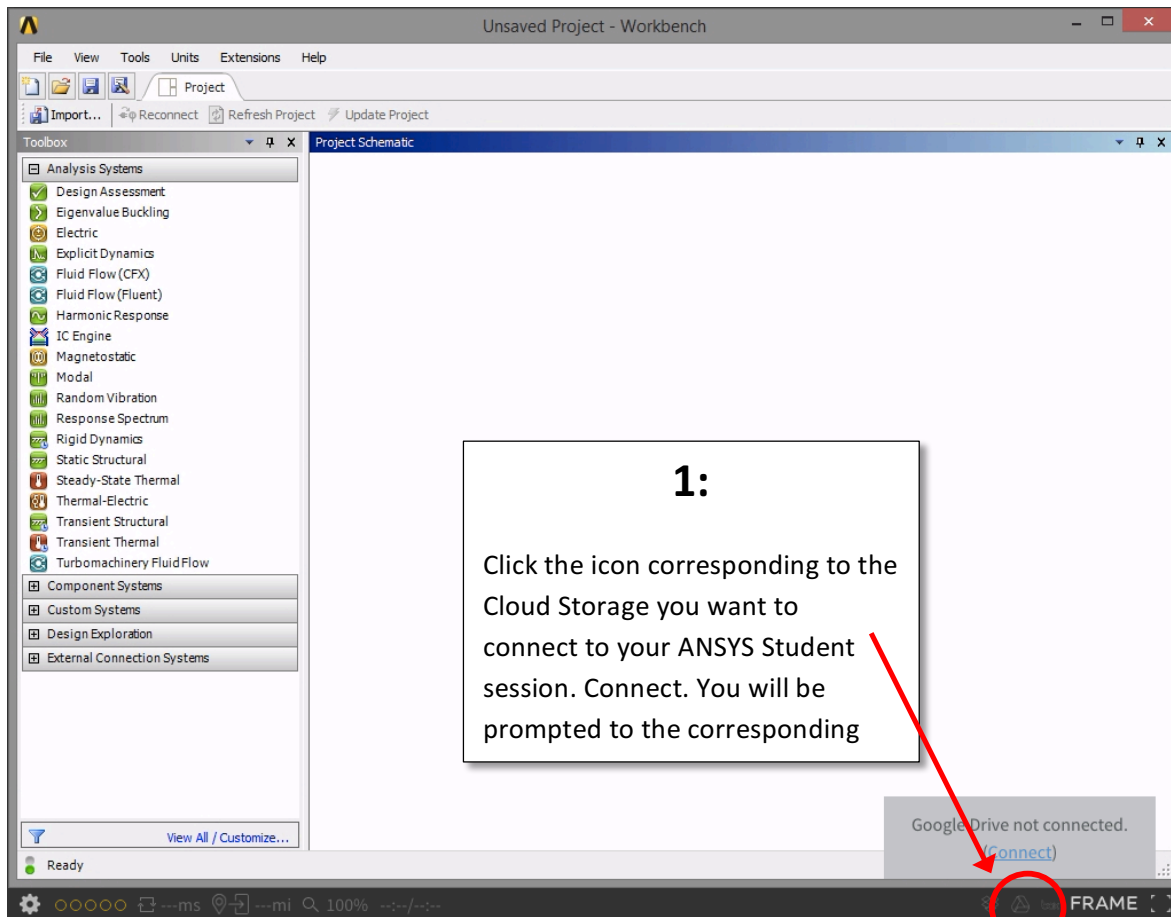
Step 4:

You can now use ANSYS Student, just like you would on your own computer.

We have put all the input files you need for your MOOC on the system. Navigate to:

\Documents\ANSYS Input Files

Mounting an external Cloud Storage



Downloading and Uploading Files

2:

To **Download** your work (best done if you first Archive in Workbench to make a single .wbpz file), copy the file to the 'Download Now' folder.

After a few seconds, your Web Browser will download to your local computer

3:

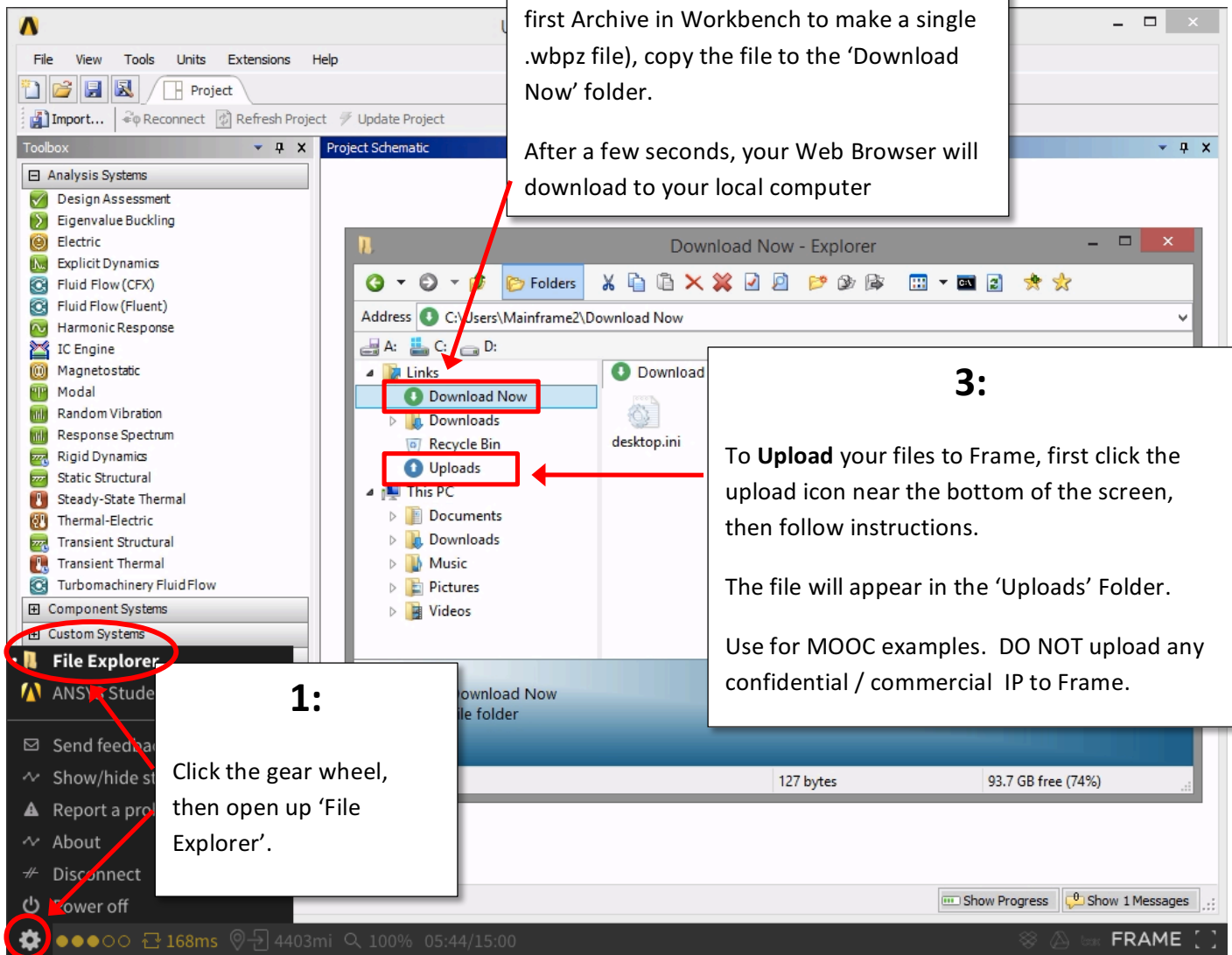
To **Upload** your files to Frame, first click the upload icon near the bottom of the screen, then follow instructions.

The file will appear in the 'Uploads' Folder.

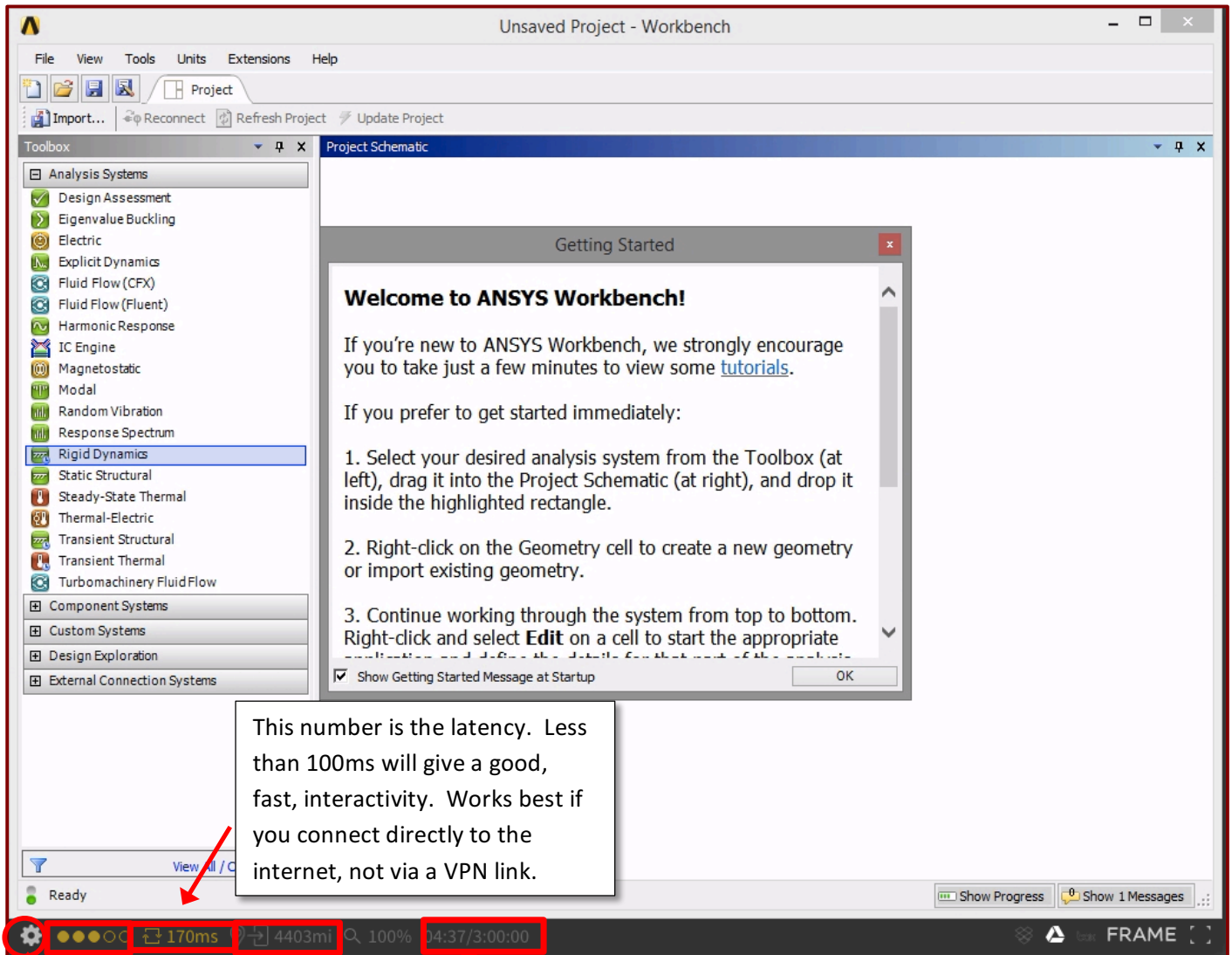
Use for MOOC examples. DO NOT upload any confidential / commercial IP to Frame.

1:

Click the gear wheel, then open up 'File Explorer'.



A Few Final Hints and Tips:



This number is the latency. Less than 100ms will give a good, fast, interactivity. Works best if you connect directly to the internet, not via a VPN link.

This is how far (in miles) you are from the servers.

These 5 dots indicate your connection quality, like signal-strength indicator on a cell-phone. 5 green dots is ideal.

If you minimise an application, you won't see it in the task-bar (like on Windows), but it will appear here in the menu from the gear wheel.

Each time you log into Frame, there is a time limit per session. This is set to 3h. You can see the progress on the bottom line. Note that when the time is up, the system will reset. You can log in again, but the system will be back to its original state when you first log in. **Your own files will NOT have been retained.** To keep your work, be sure to work on a mounted cloud storage (recommended) or to Download to your local computer before 3h is up, then Upload to the new session (not recommended).