

Cura

GETTING STARTED

Cura allows you to convert your STL files into gCode that can be printed on an Ultimaker 3D printer.

DOWNLOAD WORKSHOP FILES

Go the STC Workshops page (<http://www.wvu.edu/techcenter/pages/workshops.shtml>) and select WORKSHOP NAME (**FILENAME for PC, use the .zip for Mac**)

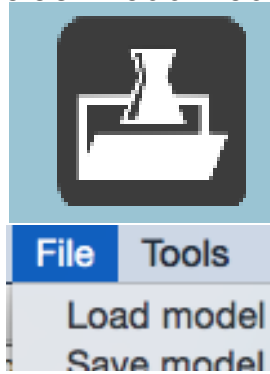
Click '**Save File**' and save to the Desktop

Double-click **FILENAME** on the Desktop, this will create a folder on your desktop called "**training temp**".

Double-click **FILENAME** to open.

Loading Model

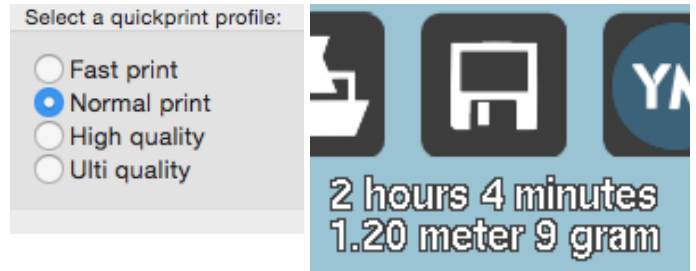
select "Load model File or use the icon model



Note: your file should be loaded from an .STL file. Although Cura can load some .OBJ, support for this file format can be limited in future versions of Cura.

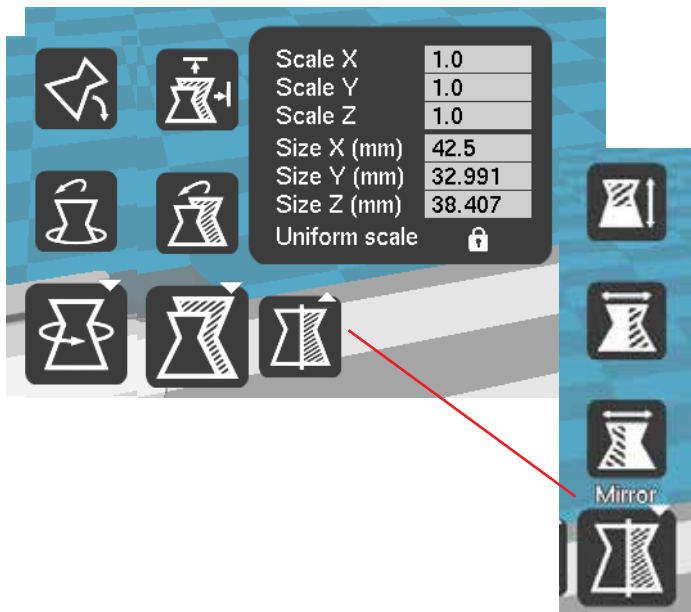
Checking time & material

Under the Save Toolpath icon, will show estimated time and material use



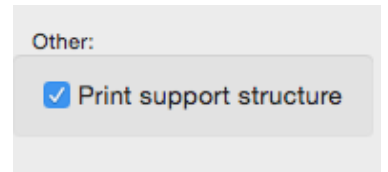
Model Orientation

In Cura, you are unable to combine objects. Remember, Cura is providing the virtual platform space that represents your printer bed. Therefore, the tools available allow you orient your object NOT manipulate them outside of adjusting scale or positioning



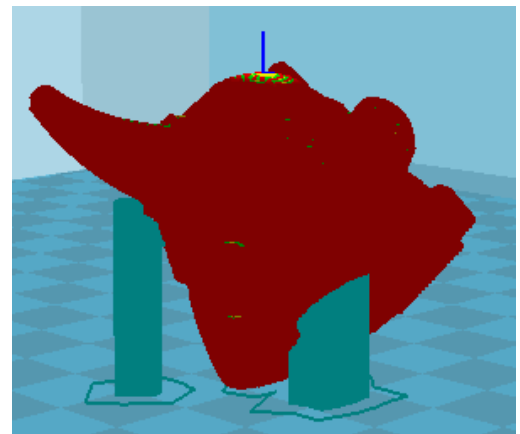
Support and checking levels

Supports can be added to assist overhangs that are printed.

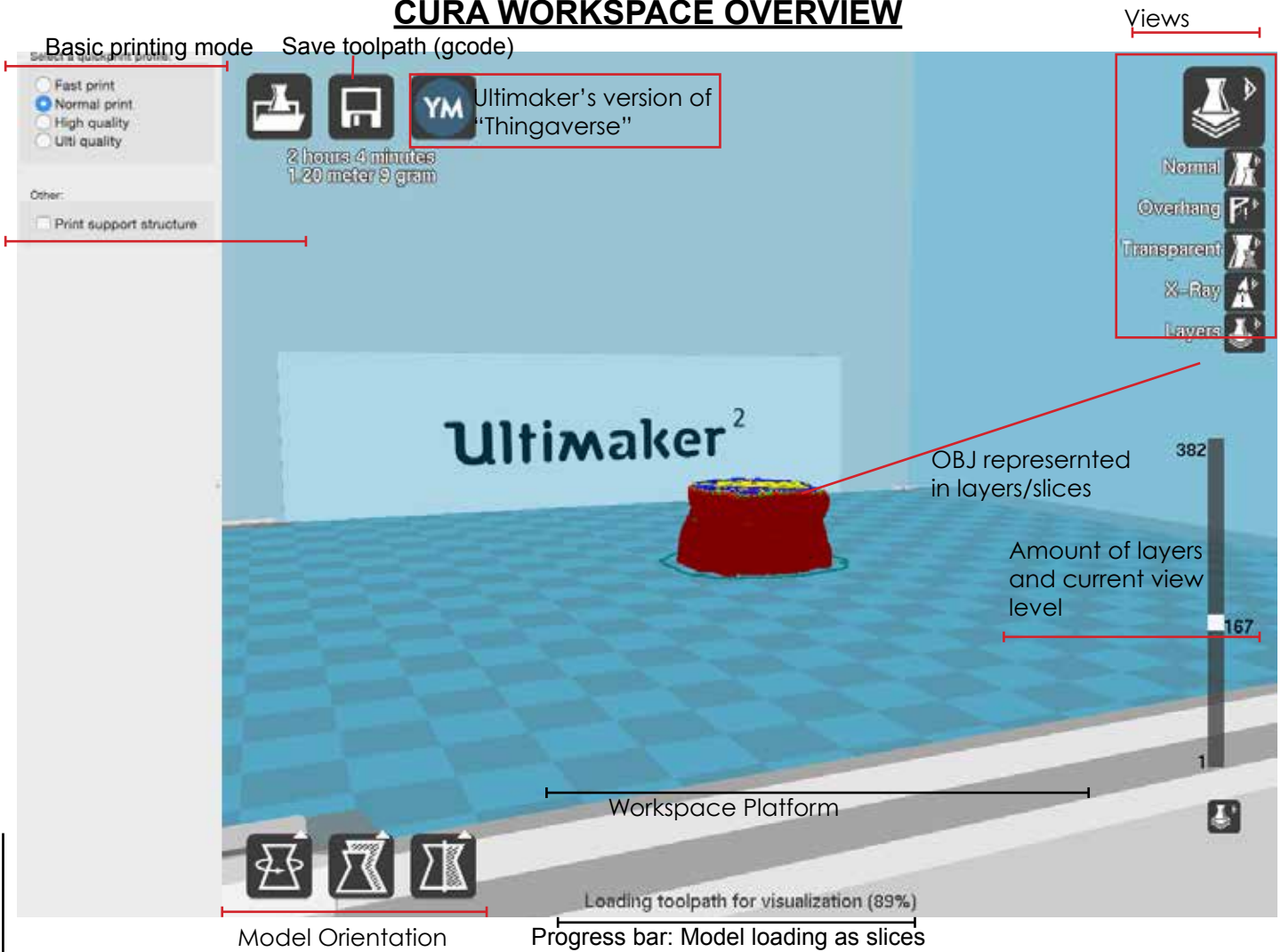


Tip:

Check Layers view to make sure your model has no gaps and is adequately supported

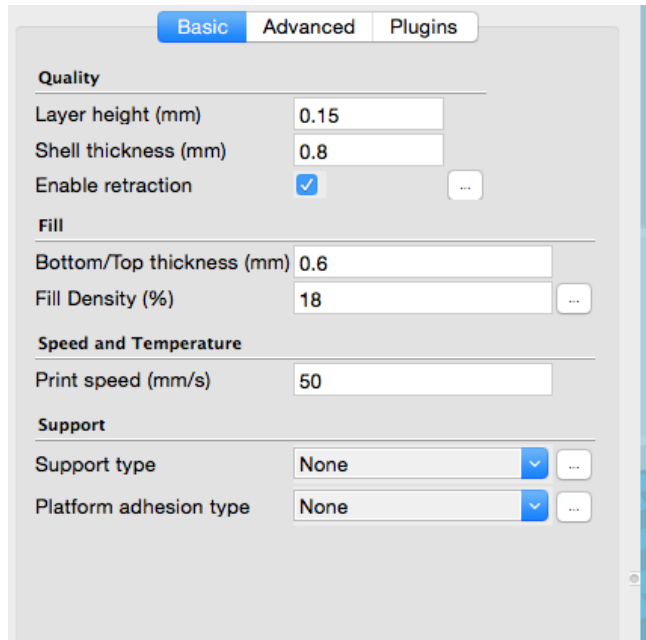
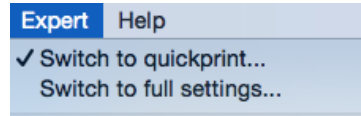


CURA WORKSPACE OVERVIEW



FULL SETTINGS:

Expert tools: switch in the menu bar to get advanced printing settings



MOUSE SHORTCUTS



Center
Scroll
Wheel
Click

Right
Click

Scroll
Wheel