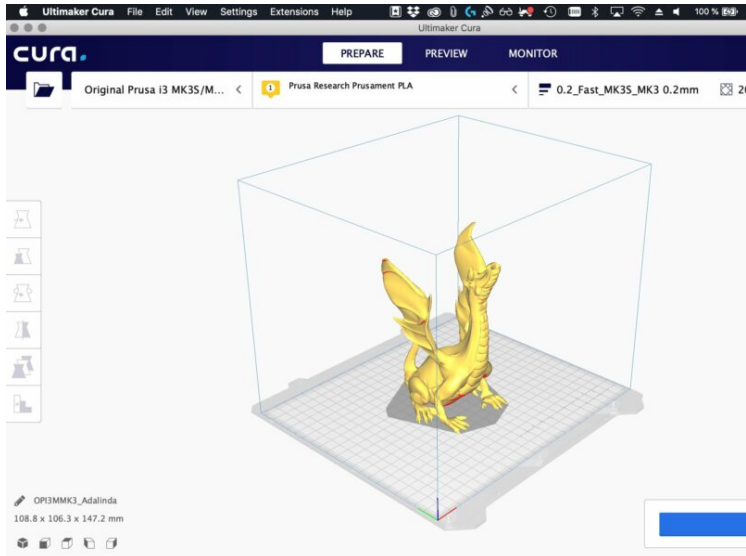


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How to import profiles to Cura 4.x (Windows & macOS)

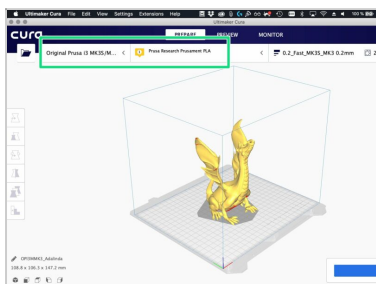


help.prusa3d.com/g17848

Scan the QR code to
display the latest
version of this
chapter.



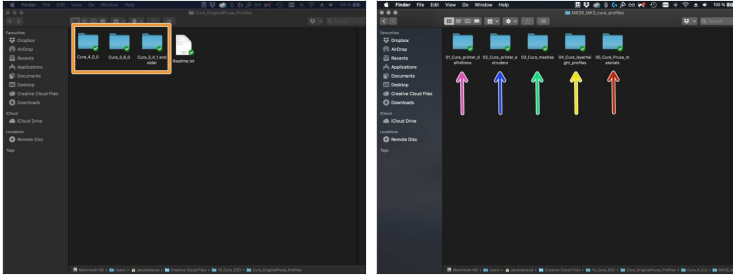
STEP 1 Getting the Cura profiles



- ⚠ **WARNING:** Current profiles were tested on the **Cura 4.7.1** and may not work on the other versions.
- 🟢 The following guide will help you import and activate **custom profiles tweaked by Josef Prusa for your Original Prusa printer.**
- 📘 This guide is valid **both for Microsoft Windows and Apple macOS**. There are some small differences in the setup, pay attention to the instructions ;)
- 🔑 **Important:** latest profiles include settings for generic **PLA, ASA, ABS, PETG** as well as **Prusament**.
- 🔑 Supported printers:
 - 🔑 Original Prusa i3 **MK3S** and MK3
 - 🔑 Original Prusa i3 **MK2.5S**, MK2.5 and MK2S
 - 🔑 Original Prusa **MINI**
- 🔑 [Click here to download the Cura package](#)

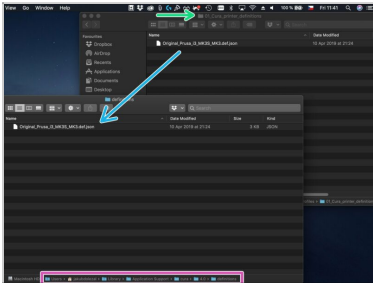
STEP 2 What is inside the package?

How to import profiles to Cura 4.x (Windows & macOS)



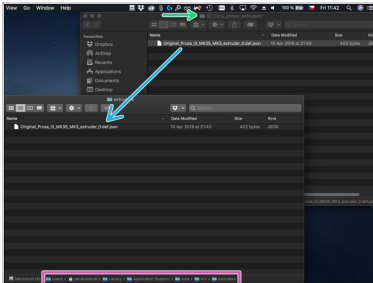
- ✦ The package includes several subfolders, which must be imported (or copied) into the Cura. Note you have to use correct version of the settings!
- ✦ Folder **01_Cura_printer_definitons** includes profiles for the printers with dimensions, speeds and other parameters.
- ✦ Folder **02_Cura_printer_extruders** additional parameters for the printer, specifically for the extruder properties (new in Cura 3.5.1).
- ✦ Folder **03_Cura_meshes** includes platforms (heatbeds), which are just for the visual effect, though it is good to know, where your object will be printed on the heatbed.
- ✦ Folder **04_Cura_layerheight_profiles** includes settings for various layer heights (print quality).
- ✦ Folder **05_Cura_Prusa_materials** includes materials, which should be imported because default Cura material values differ from what is recommended for Prusa filaments.
- ⓘ File Readme.txt summarises changes to this package.

STEP 3 Importing Prusa printers (part 1)



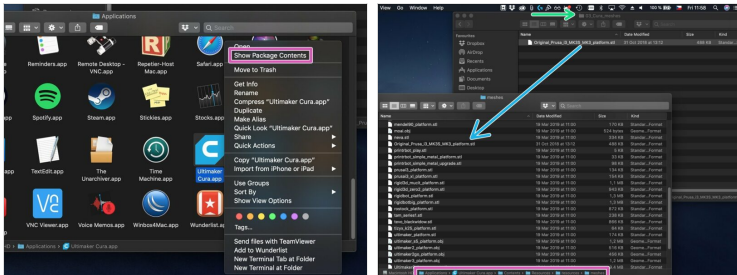
- By default Cura list of printers does not include Original Prusa i3 models. Let's fix it ;) **First**, save your work and **close the Cura software**.
- Open the unzipped package and go to the folder: **01_Cura_printer_definitions**
- **Apple macOS:** in a second window head to **/Users/YOURUSERNAME/Library/Application Support/cura/4.x/definitions**
- **MS Windows:** in a second window head to **C:\Program Files\Ultimaker Cura 4.x\Resources\definitions**
- ⓘ On Mac open the Finder, press "Command+Shift+G" and enter "~/Library" (without quotes)
- ⓘ The path can slightly differ, for example, if you have a different version of Cura installed. Also on macOS the "Library" folder is hidden.
- Copy the file(s) "...def.json" from the package to the Cura folder.

STEP 4 Importing Prusa printers (part 2)



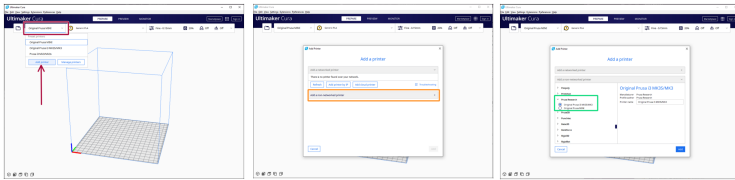
- 🟢 Open the unzipped package and go to the folder:
02_Cura_printer_extruders
- 🟣 **Apple macOS:** in a second window head to
/Users/YOURUSERNAME/Library/Application Support/cura/4.x/extruders
- ⬛ **MS Windows:** in a second window head to
C:\Program Files\Ultimaker Cura 4.x\Resources\extruders
- 📘 The path can slightly differ, for example, if you have a different version of Cura installed. Also on macOS this folder is hidden.
- 🔵 Copy the file(s) "...def.json" from the package to the Cura folder.

STEP 5 Importing Prusa printers (part 3)



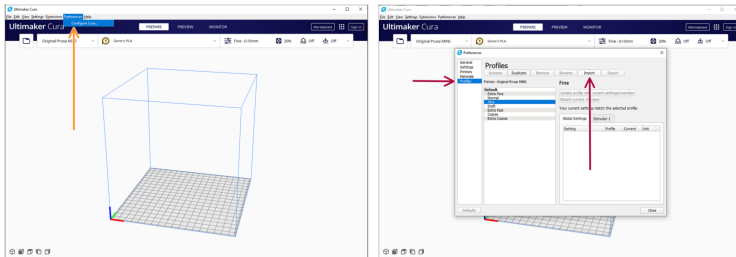
- In the unzipped package open the folder:
03_Cura_meshes
- **Apple macOS:** right-click on the Cura icon, from the context menu select **"Show package contents"**, then open folders in following sequence **Contents->Resources->resources->meshes**
- **MS Windows:** in a second window head to **C:\Program Files\Ultimaker Cura 4.x\resources\meshes**
- **i** The path can slightly differ, for example, if you have a different version of Cura installed.
- Copy the file(s) "...platform.stl" from the package to the Cura folder.

STEP 6 Importing Prusa printers (part 3)



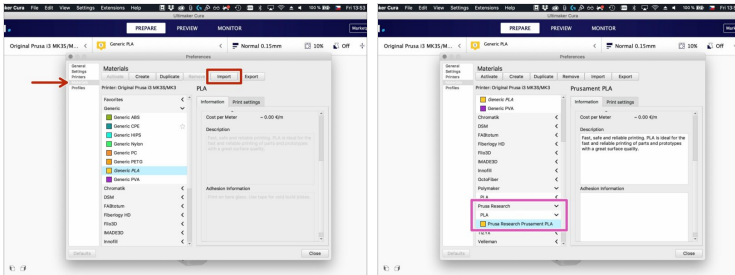
- i From now on the steps are the same both for MS Windows and Apple macOS.
- Now, open the **Cura software**
- You will be prompted to select a printer preset. If not, navigate to the Printer preset menu on the left, select **Add printer**
- Select **Add a non-networked printer**
- Click the **Prusa Research** and select the desired printer model.
- ! **Use only the profiles from Prusa Research** as those are developed and tested by our company. If the printer name is missing the "Original" in its name, then it is from a different manufacturer.
- i Cura allows you to add one printer at a time. If you want to add more printers repeat this step.

STEP 7 Importing printer's profiles (layer heights)



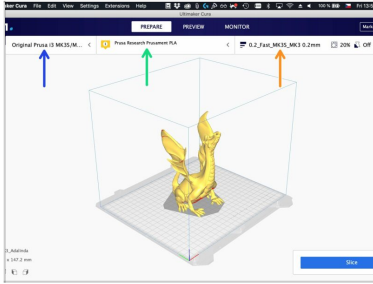
- 🟠 Go to **Preferences -> Configure Cura**
 - 🟠 Click the **Profiles and Import**.
 - 🟠 Find the profiles on your drive (folder **04_Cura_layerheight_profiles**), select one and open it. *Unfortunately, Cura doesn't support multiple profiles import at once.*
 - 🟠 Repeat this step until you import all the profiles you wanted.
- ⚠️ **DON'T CLOSE** this window yet, we will use it in the next step.

STEP 8 Importing materials



- 🛡️ Click the **Materials** and **Import**.
- 🛡️ Find the profiles on your drive (folder **05_Cura_Prusa_materials**), select one and open it. *Unfortunately, Cura doesn't support multiple profiles import at once.*
- 🛡️ Your new **material** will appear in the list **named as Prusa Research** (e.g. Prusament PLA). You can also click on **Activate** to select it or do it later on the main screen from a drop-down menu by simply selecting the profile.
- 🛡️ Repeat this step until you import all the materials you wanted.

STEP 9 Final check



- Before you slice and print, let's make a final check:
- Your printer is selected (e.g. Original Prusa i3 MK3S).
- The desired material is used (e.g. Prusament PLA)
- Correct custom profile is applied (e.g. 0.2 Fast for MK3S).
- **That is all! Enjoy your printer and happy printing ;)**
- ⓘ You can discuss your experience and print results on Prusa Research forum.
