3D Printing General Flow

3D Modeling Software (Autocad, Solidworks)

Web Repository

1. How the object looks

Model File .stl or .obj

2. How it should be printed (temperatures and toolpaths)

Slicing Software .stl or .obj → .gcode (Cura[win/mac/linux], Slicer[win], KISSlicer[win/mac/linux])

3. How it should be loaded to the printer

Print Server or SD Card (Octoprint [Raspberry Pi])

Printer Hardware

Marlin Printer Firmware (.gcode interpreter)

RAMPS 1.4 (Motor controller)