

VandalForge

3D Metal Printer Software

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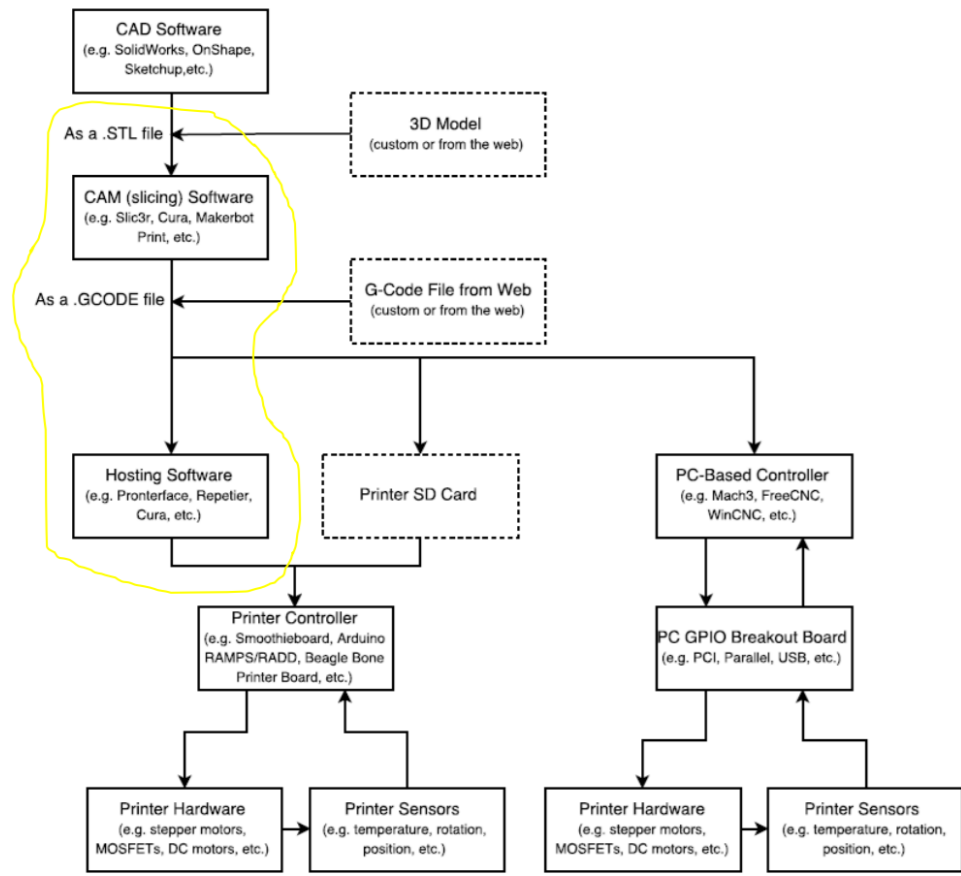
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OVERVIEW

- 3D printing overview
- Slicing Software goals
- Hosting Software goals
- Slicing software progress
- Hosting software progress





CAM (SLICING) SOFTWARE GOALS

- Ensure ease of use
- Modify open source software
- Change G-Code output for use with ForgeWare
- Add additional functionality for use with 3D metal printer



CAM (SLICING) SOFTWARE

- Cura
 - Open source Ultimaker 3D printer software
- Slic3r
 - Open source 3D slicing software



HOSTING SOFTWARE GOALS

- Integrate with Slicing Software
- Ensure convenient GUI for ease of use
- Remove plastic printer exclusive options from GUI
- Add additional functionality for use with 3D metal printer



HOSTING SOFTWARE

- Cura
 - Same platform as the slicing software
- Octoprint
 - Integrates seamlessly with Slic3r



SLIC3R/OCTOPRINT

- Not strictly created for Ultimaker
- Octoprint had greater functionality



■ GCODE INSTRUCTIONS

- Turn everything on
- Toolpath
- Turn everything off

