

Project PAM

Software


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/// Introduction.

The control software for Project PAM will be forked from the B9Creator control software. It will be written using C++ and Qt to ensure the application is cross-platform. The software will be licensed under the GNU GPLv3.

Project PAM will be using an Arduino running Grbl to implement motion control.

/// Changes That Will Be Made

Currently there some limitations associated with the B9Creator control software. The following list details the limitations and the proposed changes that will be made.

- Currently the software is using a custom slicing engine that produces SLC files, which are CAD slice files. The slicing engine will be changed to Slic3r. Slic3r outputs layers as SVG files.
- The only model file format that is supported is STL. The intent is to add support for OBJ, 3DS, STEP, and AMF file formats as well.
- The user interface will be changed to a tabbed interface from that of separate windows.
- Projects are saved in a proprietary binary file format. This will changed to XML files.

/// Releases

First Release Coming Soon!

/// Contributing Workflow

Here's how we suggest you go about proposing a change to this project:

1. [Fork this project](#) to your account.
2. [Create a branch](#) for the change you intend to make.
3. Make your changes to your fork.
4. [Send a pull request](#) from your fork's branch to our `master` branch.

Using the web-based interface to make changes is fine too, and will help you by automatically forking the project and prompting to send a pull request too.

/// Contact Us

For general correspondence please email us at projectpam.siu@gmail.com

Questions and comments can be posted on our [mailing list](#) or you can email them to projectpam@googlegroups.com

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