Prusa SL1S: Slicing
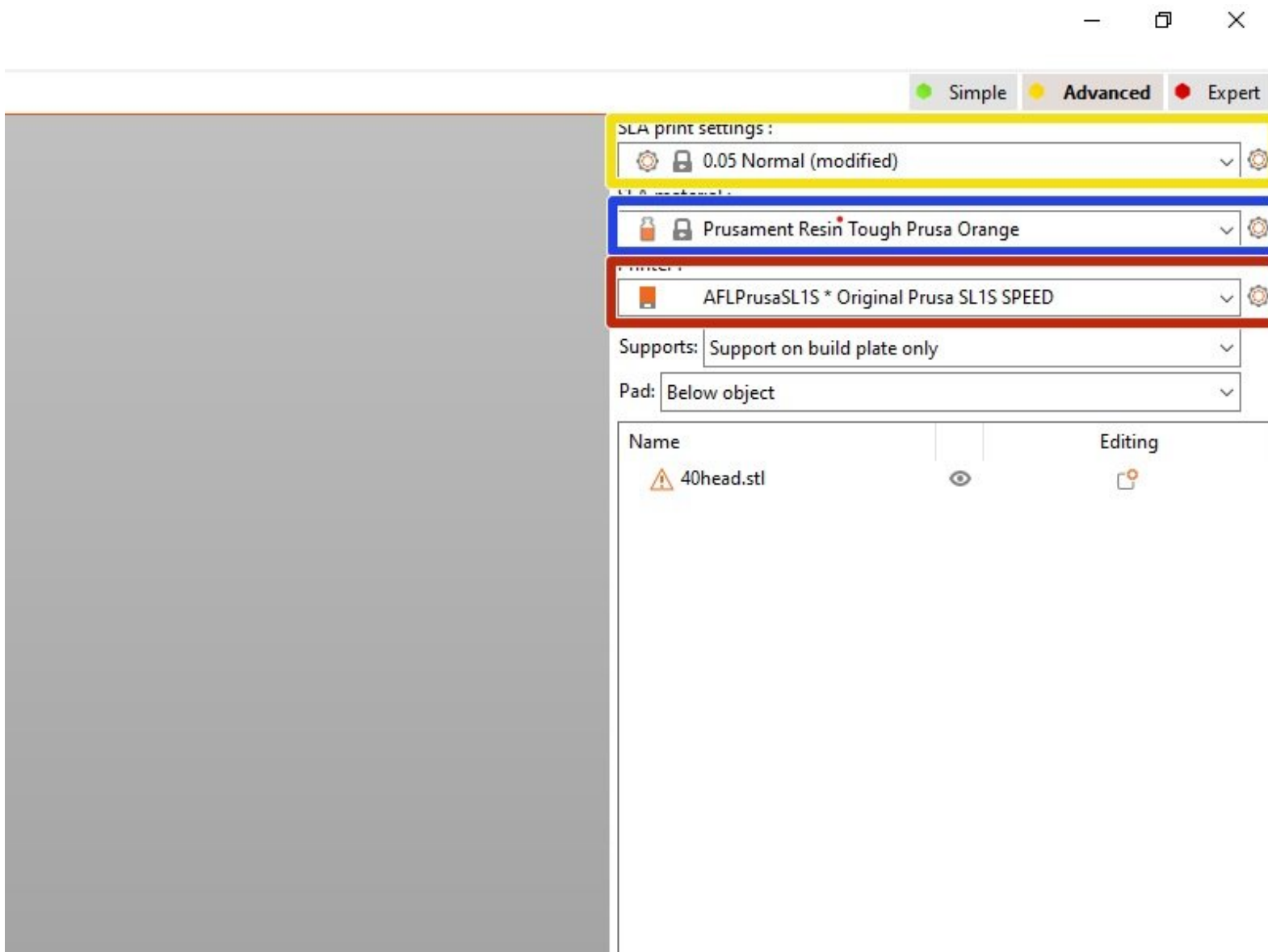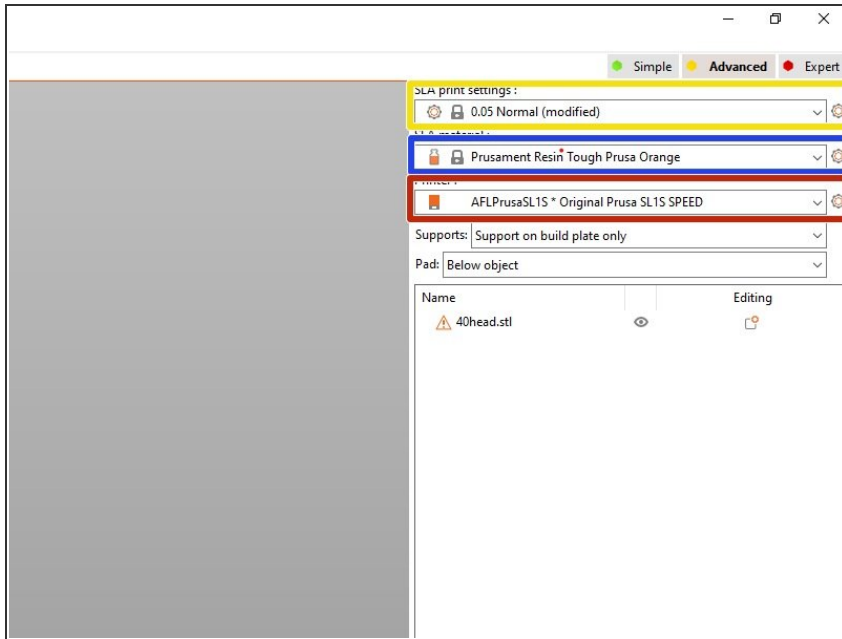
This guide will cover everything necessary for slicing for the SL1S in PrusaSlicer.

Written By: Anton Brian Preslopsky
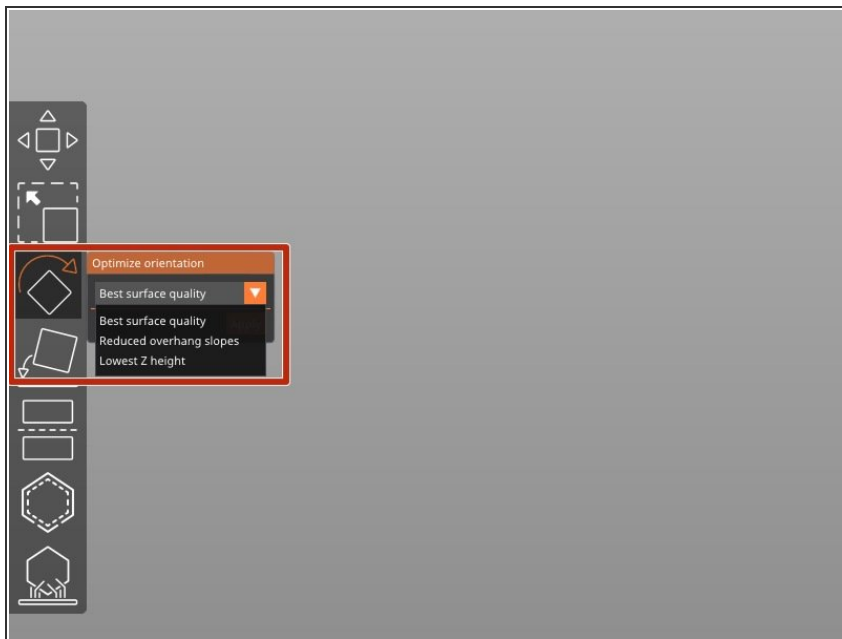
This document was generated on 2022-07-21 09:57:15 AM (MST).

© 2022

dozuki.umd.edu/

Page 1 of 4
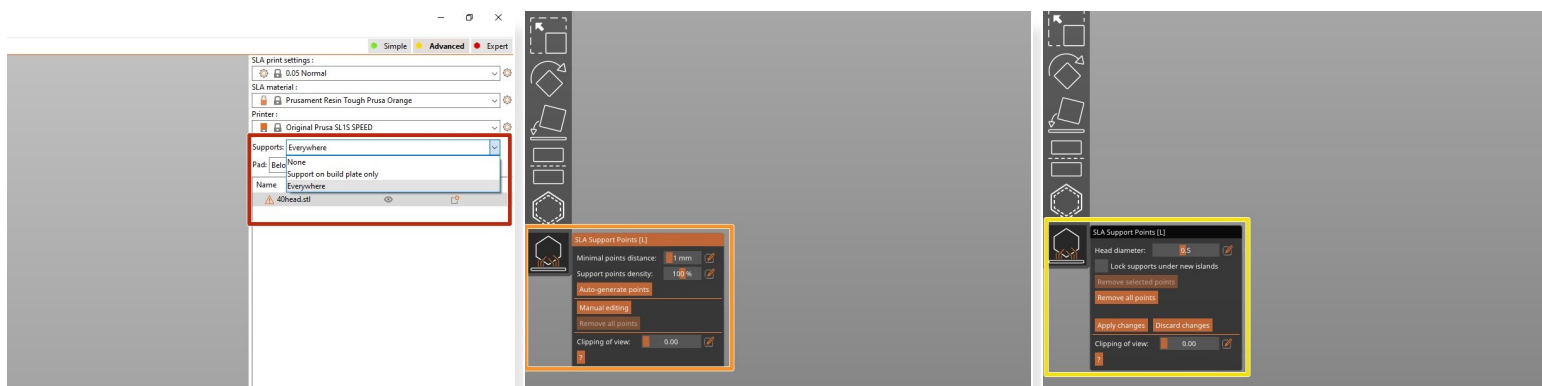
Step 1 — Job Set-Up

- ● Select the material you would like to print in here

- ● Make sure the correct printer is selected. for the SL1S make sure "AFLPrusaSL1S" is selected

- ● Choose the print settings for the part. "Normal" is fine for most parts.
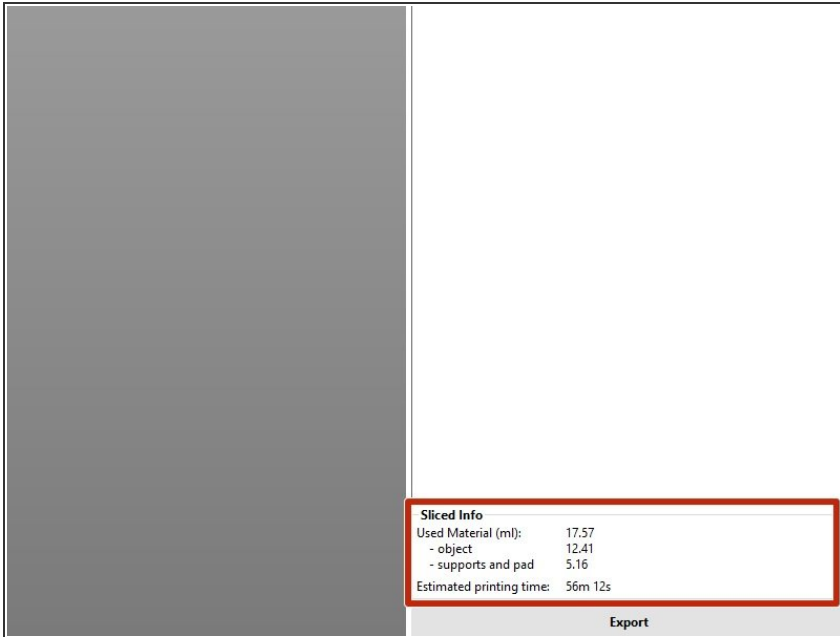
Step 2 — Orientation

- ● The slicing here works the same way as for the Prusa MK3.

- ● There are three main orientation settings for parts. Their differences are pretty self explanatory.

This document was generated on 2022-07-21 09:57:15 AM (MST).

© 2022   dozuki.umd.edu/   Page 2 of 4

Step 3 — Support

- There are three different options for support generation. For most cases you want to use "Everywhere". If there are a lot of internal supports or will cause issues with model quality you can switch to "Support on build plate only".

- Press the "SLA Support Points" option and then "Auto-generate points" to begin support generation.

- If you press "Manual editing" under "SLA Support Points" you can manually add or remove support points and also change the support point size.

- (i) Make sure you have the support points you want to change selected. You can do this either by clicking them individually or selecting them all with ctrl+A.

- ⚠ Support head diameter under 0.5 is very likely to fail.

This document was generated on 2022-07-21 09:57:15 AM (MST).

© 2022   dozuki.umd.edu/   Page 3 of 4

Step 4 — Job Info

- Job information and data is available in this box.

Step 5 — Sending Job to Printer

- To upload to the printer, select the "G" button in the bottom right hand corner of the screen.

- (i) If the printer is off or booting up the upload will fail.

This document was generated on 2022-07-21 09:57:15 AM (MST).

© 2022   dozuki.umd.edu/   Page 4 of 4