



Interface Solution for Mac OS X and BoXZY

This guide will get you started with BoXZY and OS X

Written By: BoXZY

The screenshot shows the Repetier website interface. At the top, there's a browser address bar with the URL <http://www.repetier.com/download-now/>. Below the address bar is a navigation bar with the Repetier logo, a price tag of €14.99, a PiBot.com logo, and a search bar. The main navigation menu includes links for Repetier-Host, Repetier-Firmware, Repetier-Server, Support, 3D Websites, and About us. The 'Download now' section is highlighted, leading to the 'Repetier-Host' download page. This page is organized into three columns for Windows, Linux, and Mac. Each column features a download button, a description of the installer, and a link to older versions. The Windows column mentions that the installer includes Repetier-Server, Slic3r, CuraEngine, Skeinforge, Python, and Pypy, and requires the .NET Framework 4. The Linux column notes that the installer includes Repetier-Server, Slic3r, CuraEngine, Skeinforge, Python, and Pypy, and requires the Mono framework (3.2 or later) and Ubuntu 14.04. The Mac column states that the latest stable release of Repetier-Host for Macintosh comes with everything needed, but users using Mountain Lion must allow installation of unsigned code. At the bottom of the download section is a 'Show Changelog' link. Below this is the 'Repetier-Firmware' section, which includes the license (GNU GPL V3), the source repository (Github), and a button for 'Repetier-Firmware 0.92.x with Configuration Tool'.

http://www.repetier.com/download-now/

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Download now

Repetier-Host

Windows

[Repetier-Host Windows 1.6.1](#)

The Windows installer comes already with everything you need. It includes Repetier-Server, Slic3r, CuraEngine, Skeinforge, Python and Pypy. Requires Microsoft .NET Framework 4.

[Older Versions for Windows](#)

Linux

[Repetier-Host Linux 1.6.1](#)

The Linux installer comes already with everything you need. It includes Repetier-Server, Slic3r, CuraEngine, Skeinforge, Python and Pypy. A recent installation of the Mono framework (3.2 was tested to work with the latest release on Ubuntu 14.04) is required. After unpacking the tar file you need to run configureFirst.

[Older Versions for Linux](#)

Mac

[Repetier-Host Mac 0.56](#)

The latest stable release of the Repetier-Host for Macintosh comes already with everything you need. Download and run the package to install. If you are using the new Mountain Lion, you need to allow installation of unsigned code!

[Older Versions for Mac](#)

[Show Changelog](#)

Repetier-Firmware

Licence: [GNU GPL V3](#)
Source repository: [Github](#)

[Repetier-Firmware 0.92.x with Configuration Tool](#)

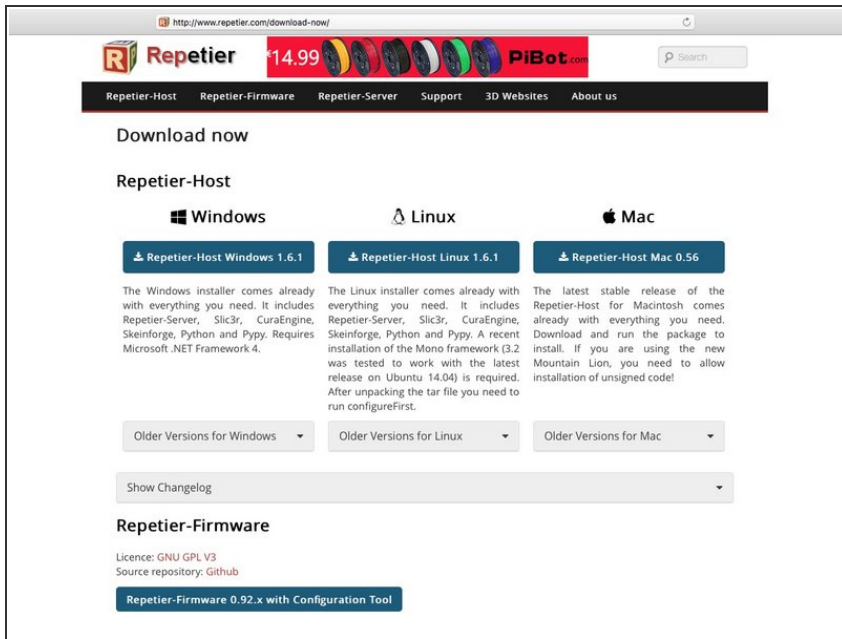
INTRODUCTION

Install the operating software for BoXZY

Configure the BoXZY settings in the user interface

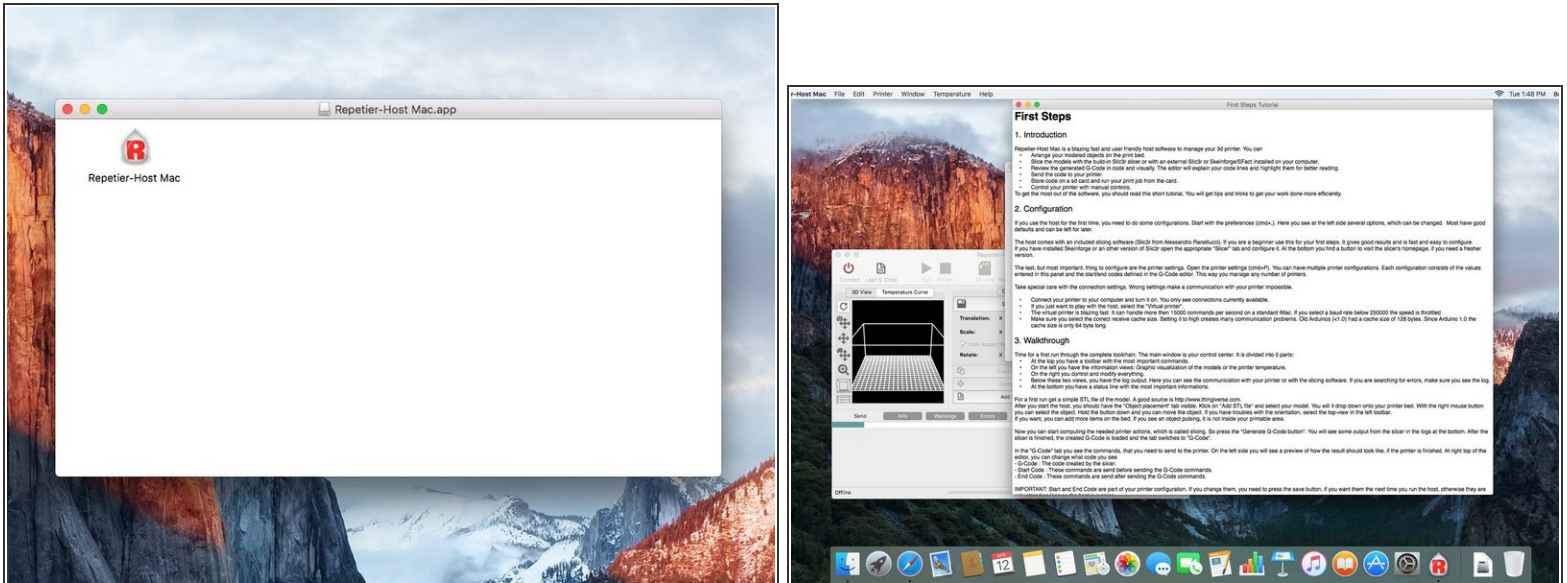
Configure the 3D printing slicer for BoXZY

Step 1 — Downloading the BoXZY software interface



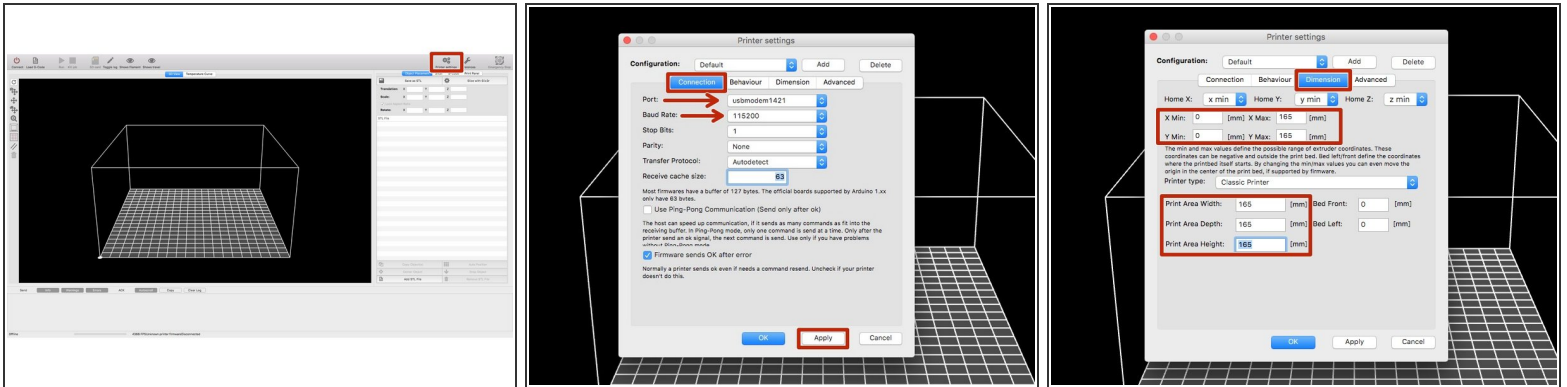
- In your web browser go to <http://www.repetier.com/download-now/>
- Select the **Mac** download
- Before you can open the downloaded file check to see if you have *administrative rights* to install a program for the User Login you signed into
- When you know you are able to install the software make sure that you do not have any *security features or software* preventing you from installing software downloaded from the internet and proceed to Step 2 of guide

Step 2 — Opening Repetier Host



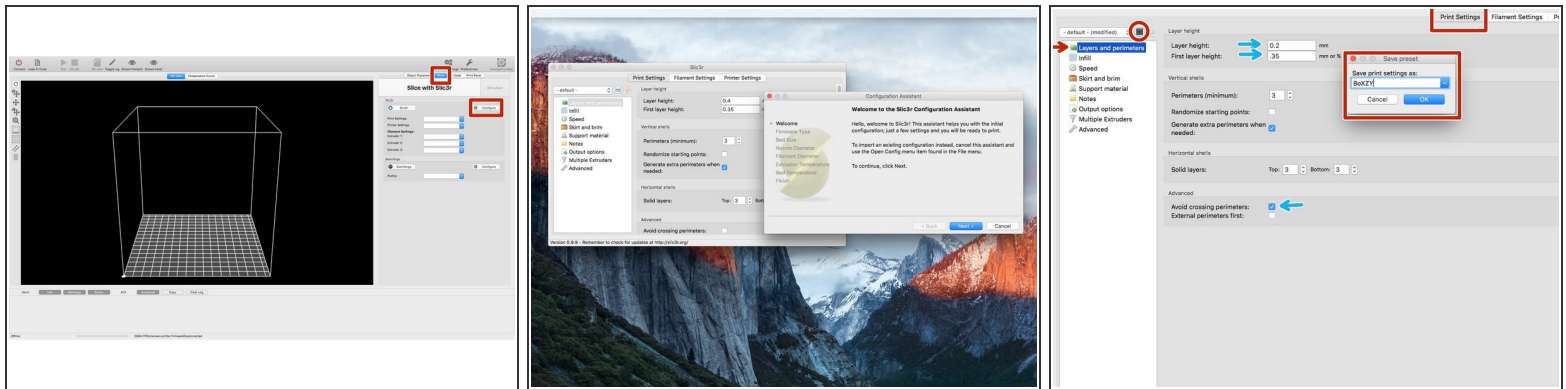
- Open **Repetier-Host Mac.app** from where your web browser saved the download from Step 1
- When you open Repetier-Host Mac.app you will see two windows pop up on your screen. The **First Steps Tutorial** will be in the foreground and the **Repetier-Host** interface in the background
- This guide will cover same steps in the "First Steps" tutorial but be aware that if you close the window you will not see the tutorial again. Our guide will get your BoXZY set up but feel free to read through the tutorial before continuing with Step 3 of our guide

Step 3 — Printer Settings



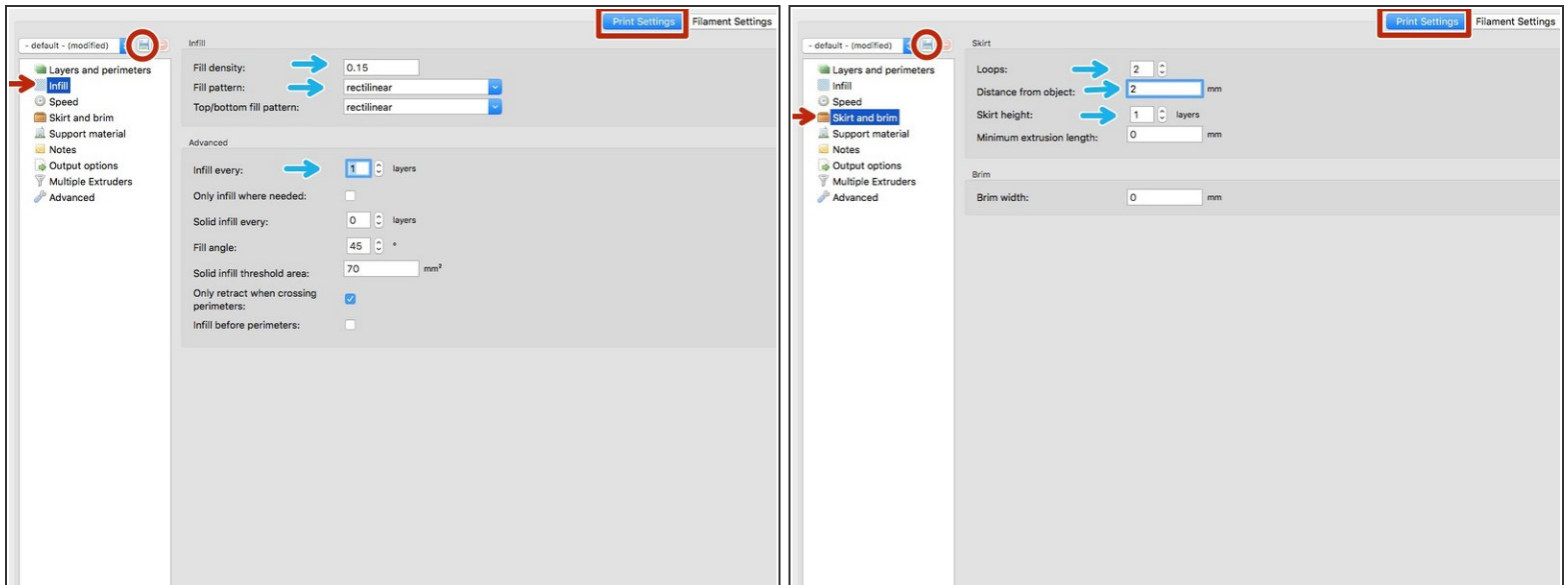
- Close the *First Steps* tutorial and select the **Printer Settings** icon in the Repetier-Host interface
- In the Printer settings window select the **Connection Tab**. Select the **Port** menu and locate the Port that you have your BoXZY USB cord plugged into. Note that if you move to a different USB port it will be named differently and may be named differently than our USB port in the image
- Select the **Baud Rate** menu and then select **115200** and then select **Apply**
- Select the **Dimension** tab in the Printer settings window and replace the values with the values we have in our Dimension tab, as shown in the image
- Select **Apply** and then Select **OK**
- Note that if you are User that does not have *administrative rights* these settings may not be saved when you Quit Repetier Host

Step 4 — Configuring Slic3r Print Settings Part 1



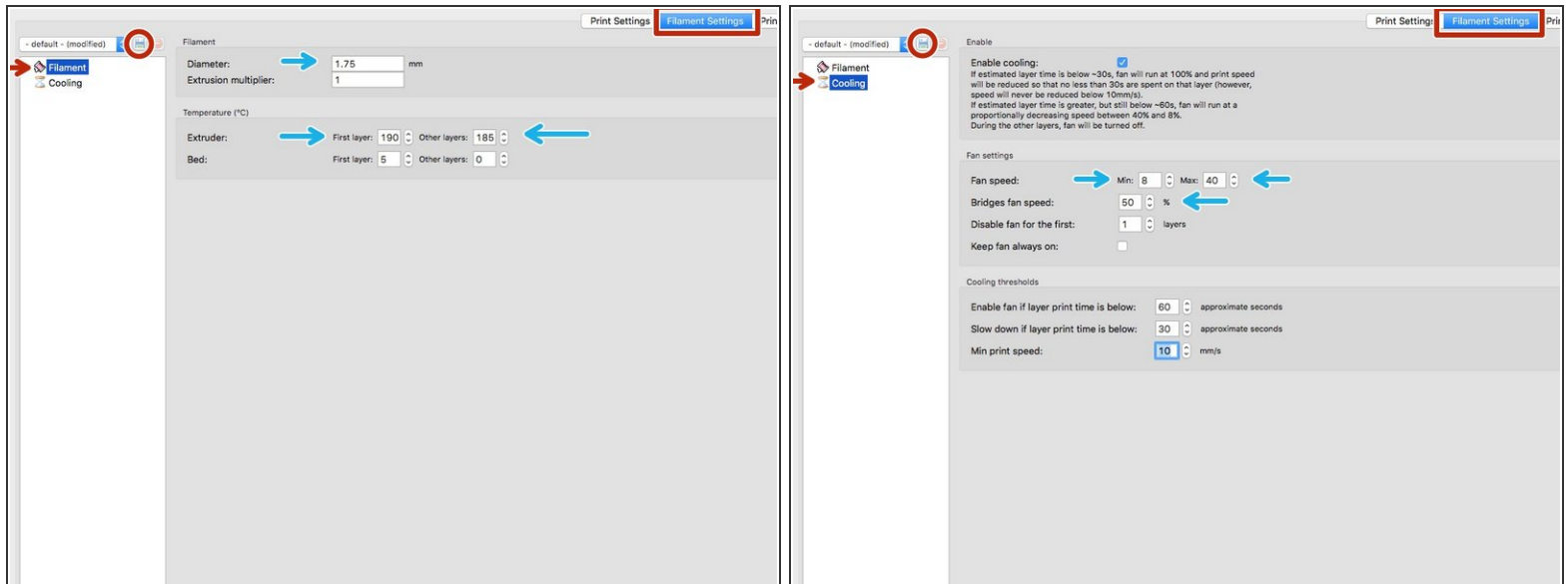
- In your Repetier-Host interface select the **Slicer** tab and then select **Configure**. We will not be configuring Skeinforge in this guide
- After selecting Configure the Slic3r window will pop up with a Configuration Assistant. We will be configuring Slic3r for BoXZY manually in this guide. You can close the Configuration Assistant
- In the Slic3r window select **Print Settings** from the top three tabs, note that there is also a *Printer Settings* tab that we will cover later in this guide. Select **Layers and Perimeters** in the menu on the left hand side with the Red Arrow point to it. Match your settings with our image settings, indicated with a blue arrow
- After editing the values select the **Save Preset** button, represented by the **red circle** in the image. Write *BoXZY* in the pop up window and select ok

Step 5 — Configuring Slic3r Print Settings Part 2



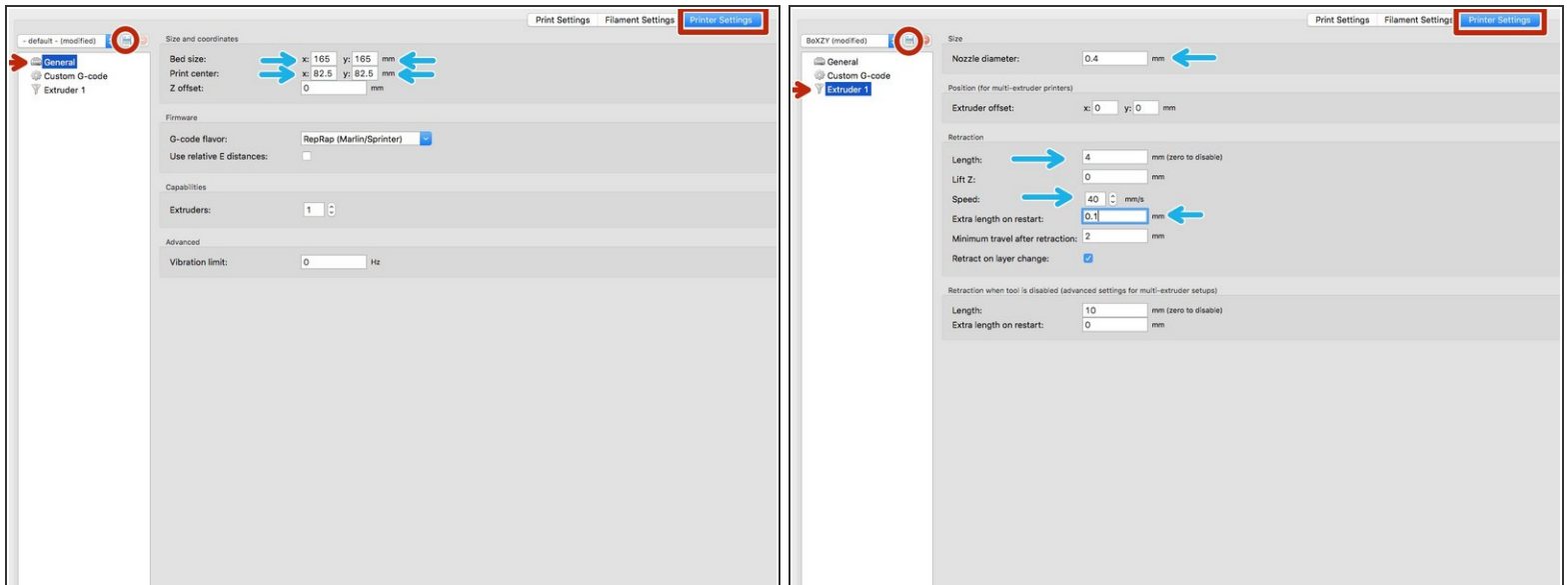
- Select the **Print Settings** tab at the top of the Slic3r window then Select **Infill** from the menu on the left hand side and match the settings as seen in the image, indicated with a blue arrow
- Be sure to select the **Save Preset** button and save to the BoXZY preset you made in Configuring Slic3r Print Settings Part 1
- With the Print Setting tab selected, select **Skirt and brim** from the menu on the left hand side and match the settings as seen in the image, indicated with a blue arrow
- Be sure to select the **Save Preset** button and save to the BoXZY preset you made in Configuring Slic3r Print Settings Part 1

Step 6 — Configuring Filament Settings



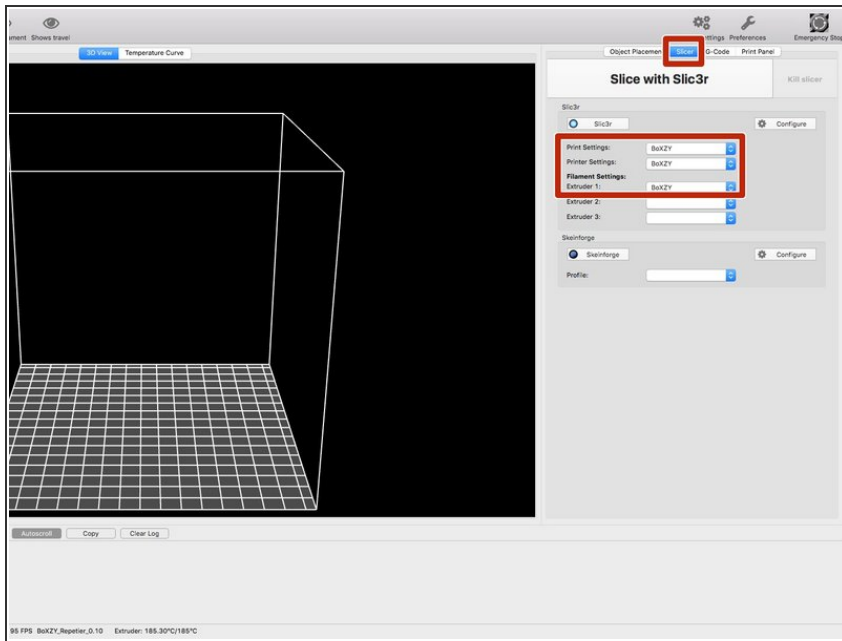
- Select the **Filament Settings** tab at the top of the Slic3r Configure window. Select **Filament** from the menu on the left hand side and match the settings as seen in the image, indicated with a blue arrow
- Select the **Save Preset** button. This time you will have to create a new save preset for BoXZY's Filament Settings, by typing BoXZY and selecting OK
- While in the Filament Settings tab select **Cooling** from the menu on the left hand side and match the settings as seen in the image, indicated with a blue arrow
- Be sure to select the **Save Preset** button and save to the BoXZY preset you made earlier in this step

Step 7 — Configuring Slic3r Printer Settings



- Select the **Printer Settings** tab at the top of the Slic3r window. Select **General** from the menu on the left hand side and match the settings as seen in the image.
- Select the **Save Preset** button. This time you will have to create a new save preset for BoXZY's Printer Settings, by typing BoXZY and selecting OK
- While in the Printer Settings tab select **Extruder 1** from the menu on the left hand side and match the settings as seen in the image, indicated with a blue arrow
- Be sure to select the **Save Preset** button and save to the BoXZY preset you made earlier in this step
- Exit the Slic3r window and select the Repetier-Host interface

Step 8 — Loading BoXZY Presets made during this guide



- In the **Slic3r** tab on the Repetier-Host interface there are menus for *Print Settings*, *Printer Settings* and *Filament Settings (Extruder 1)*
- Select the menu for each Setting and select the **BoXZY** preset we made each one throughout this guide. Leave Extruder 2 and Extruder 3 blank
- You have now completed the Slic3r configuration and saved the data to presets for BoXZY.
- Be sure you verify that BoXZY presets are selected for *Print Settings*, *Printer Settings* and *Filament Settings (Extruder 1)* before slicing your 3D part
- To mill, select the *G-Code* tab next to the *Slicer* tab and load your g-code.
- To laser please go [here](#)

Now that you have BoXZY running from OS X you can explore the world of your creations.