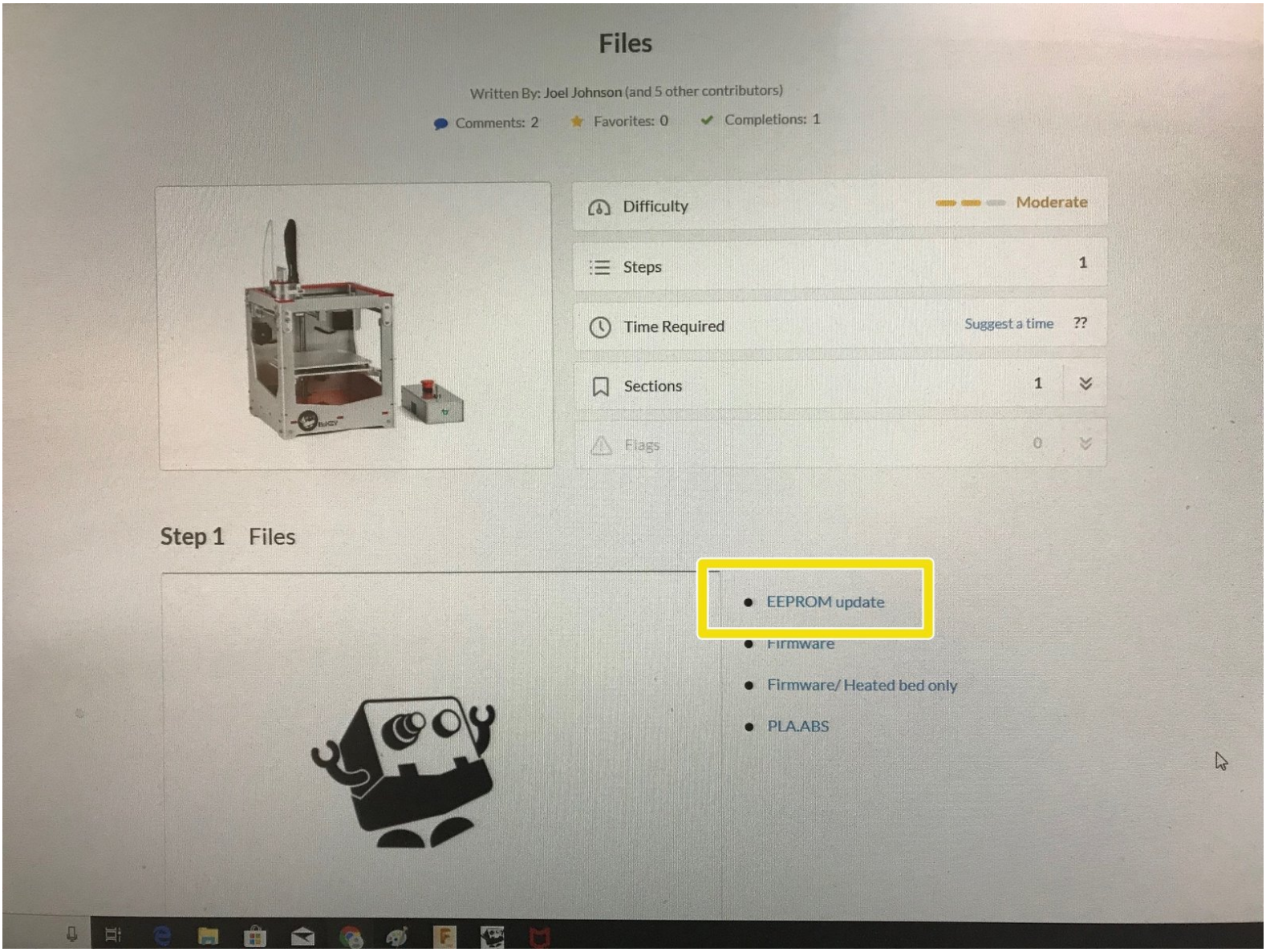
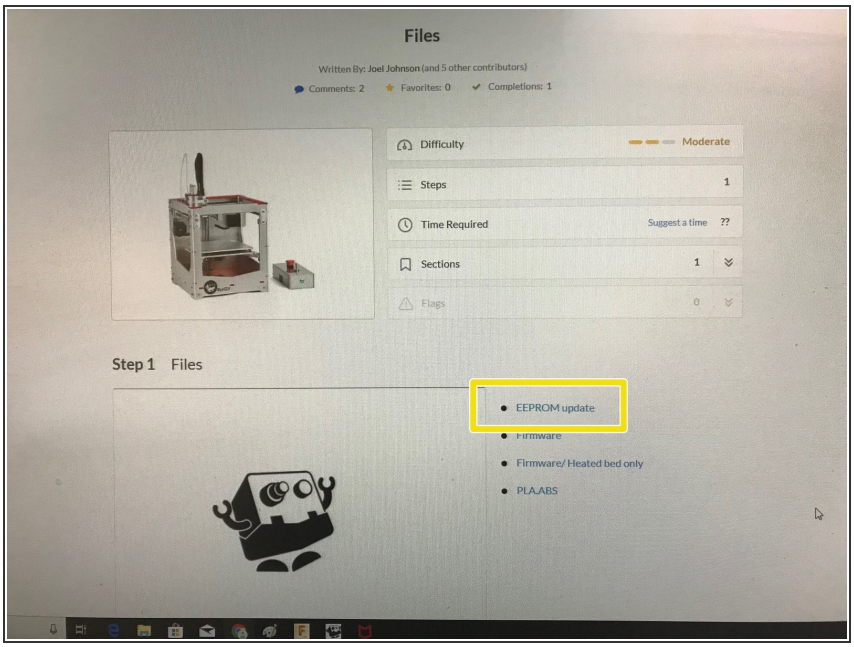
Updating EEPROM firmware

How to update to the most current version of the EERPOM firmware.

Written By: Nicki

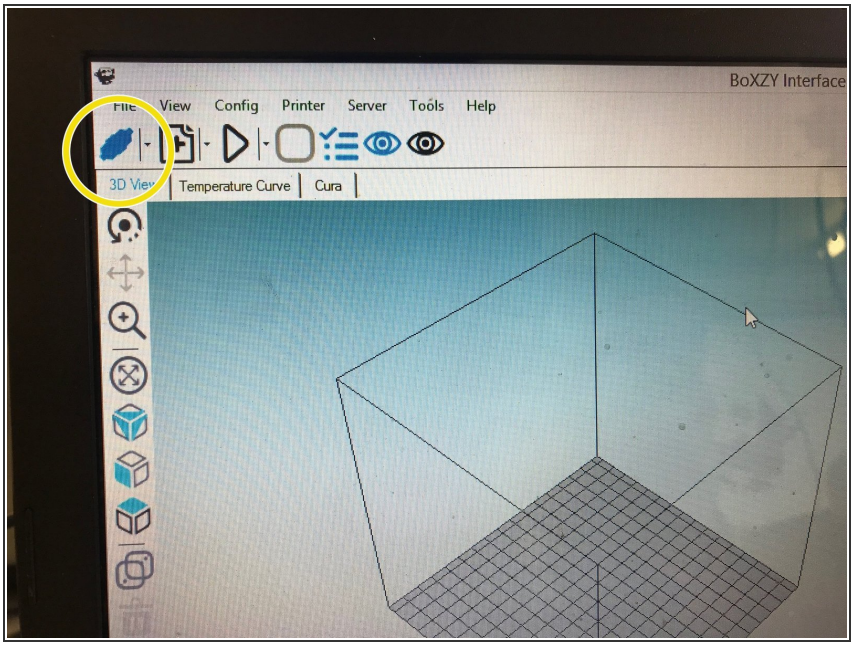


Step 1 — Download the updated Eeprom firmware



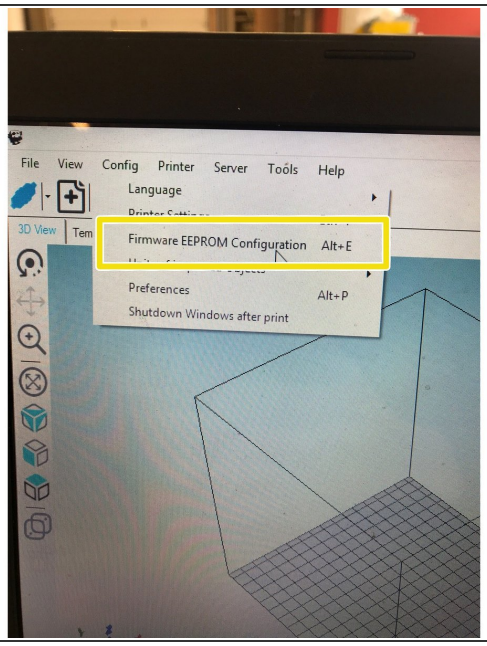
- Click here and download the Eeprom update

Step 2 — Connect BoXZY to the Interface



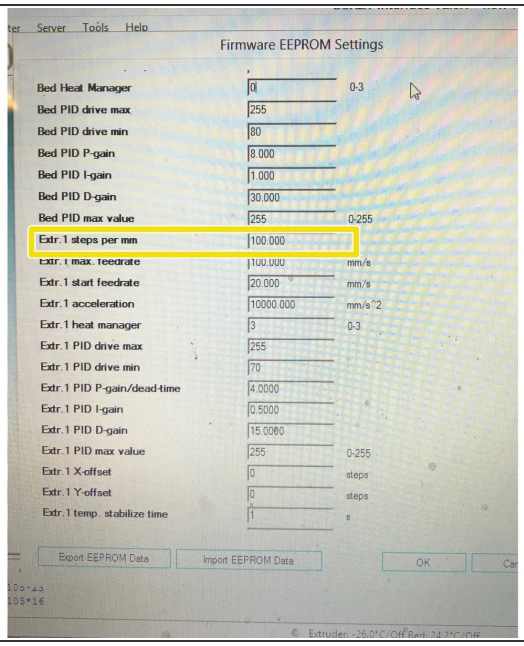
- Make sure your USB cord is connected from your laptop or smart controller to BoXZY.
- Open your BoXZY Interface and click the Connect icon.

Step 3 — Open EEPROM Firmware



- In the interface find the Config drop down menu. Select Firmware EEPROM Configuration. A new window should open.

Step 4 — Record the value your Ext. 1 steps per mm

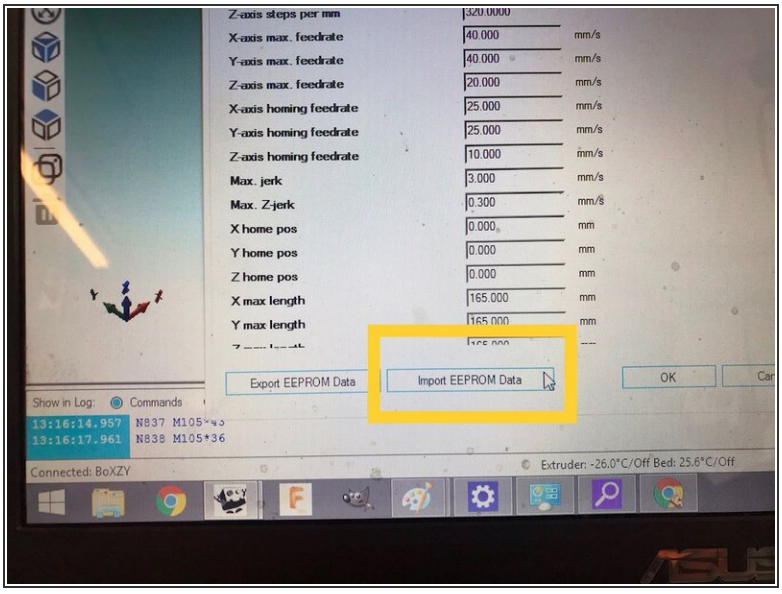


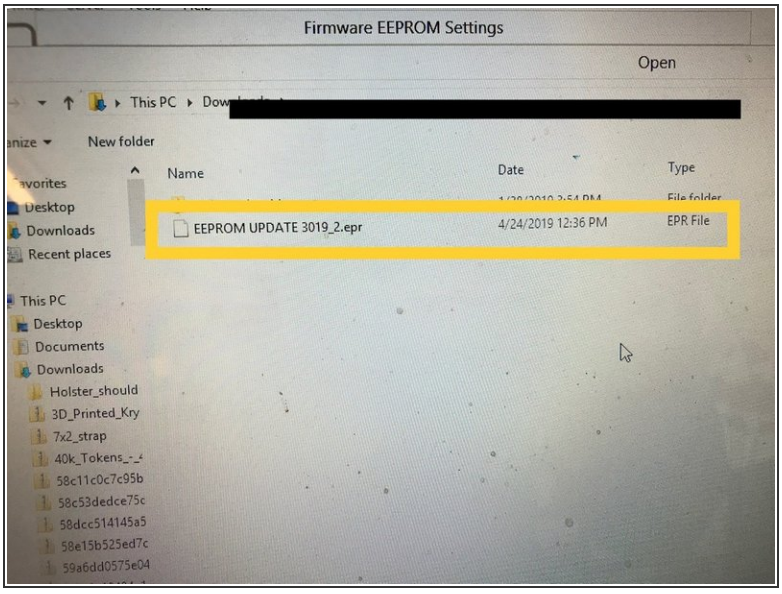
- There is one setting in your EEPROM that can vary slightly BoXZY to BoXZY which is your

Ext.1 steps per mm. This setting affects the amount of filament extruded.

- If your 3D prints show no evidence of over/under extrusion then you can take note this value, write it down on a piece of paper, and we will add it in after updating the rest of the settings.
- Another option is to skip this step and allow it to be replaced with the updated setting. If you choose to do this then you will need to fine tune it at the end. Later in this guide a link will be provided to show you exactly how to get the most accurate Ext.1 steps per mm value for your BoXZY.

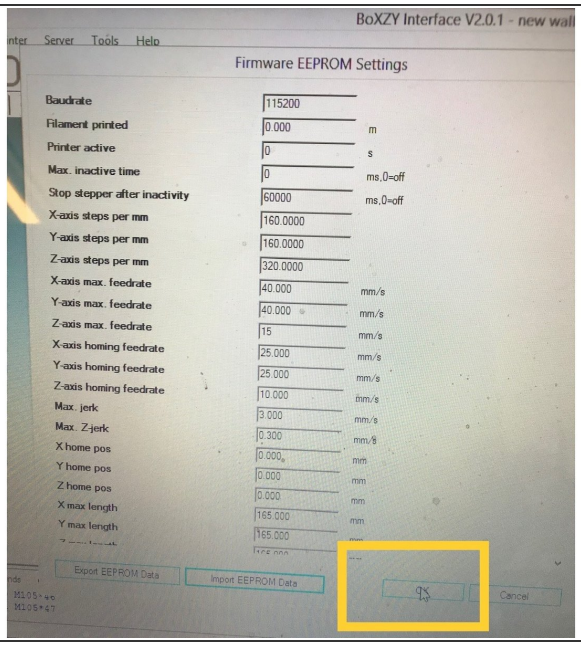
Step 5 — Import updated EEPROM





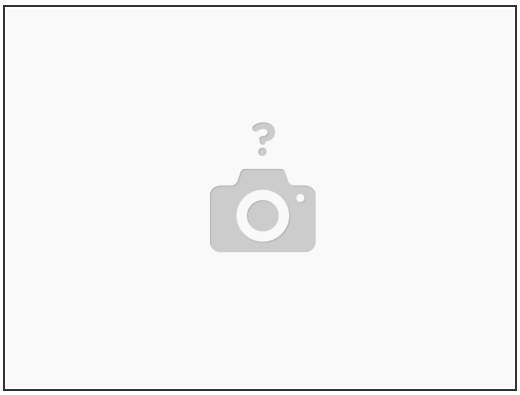
- Click at the bottom of the new window where it says Import EEPROM Data. This will take you to your File Explorer.
- Find where the updated EEPROM that you downloaded in Step 1 saved. Select it. Click Open.

Step 6 — Save new EEPROM



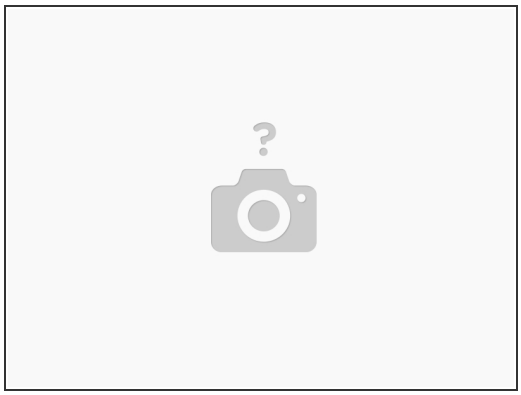
- Your new EEPROM firmware settings are now uploaded.
- If you wrote down the Ext.1 steps per mm value before importing the updated settings, go ahead and replace that value now.
- Click OK at the bottom of the window.

Step 7 — Check your Ext. 1 steps per mm



- Now I recommend you check the accuracy of the "Ext. 1 steps per mm" setting we talked about earlier in the EEPROM Firmware. This setting is very important to 3D printing. It controls the accuracy of BoXZY's filament drive.
- To do this follow the steps in this guide.
- If you decided to not update this setting and kept the non-updated value then you can skip this step. However, its never a bad idea to double check your BoXZY's accuracy. If not now, I highly recommend you follow the linked guide above when you have the time.

Step 8 — All done!



- You now have the updated EEPROM firmware. Go make things!

