

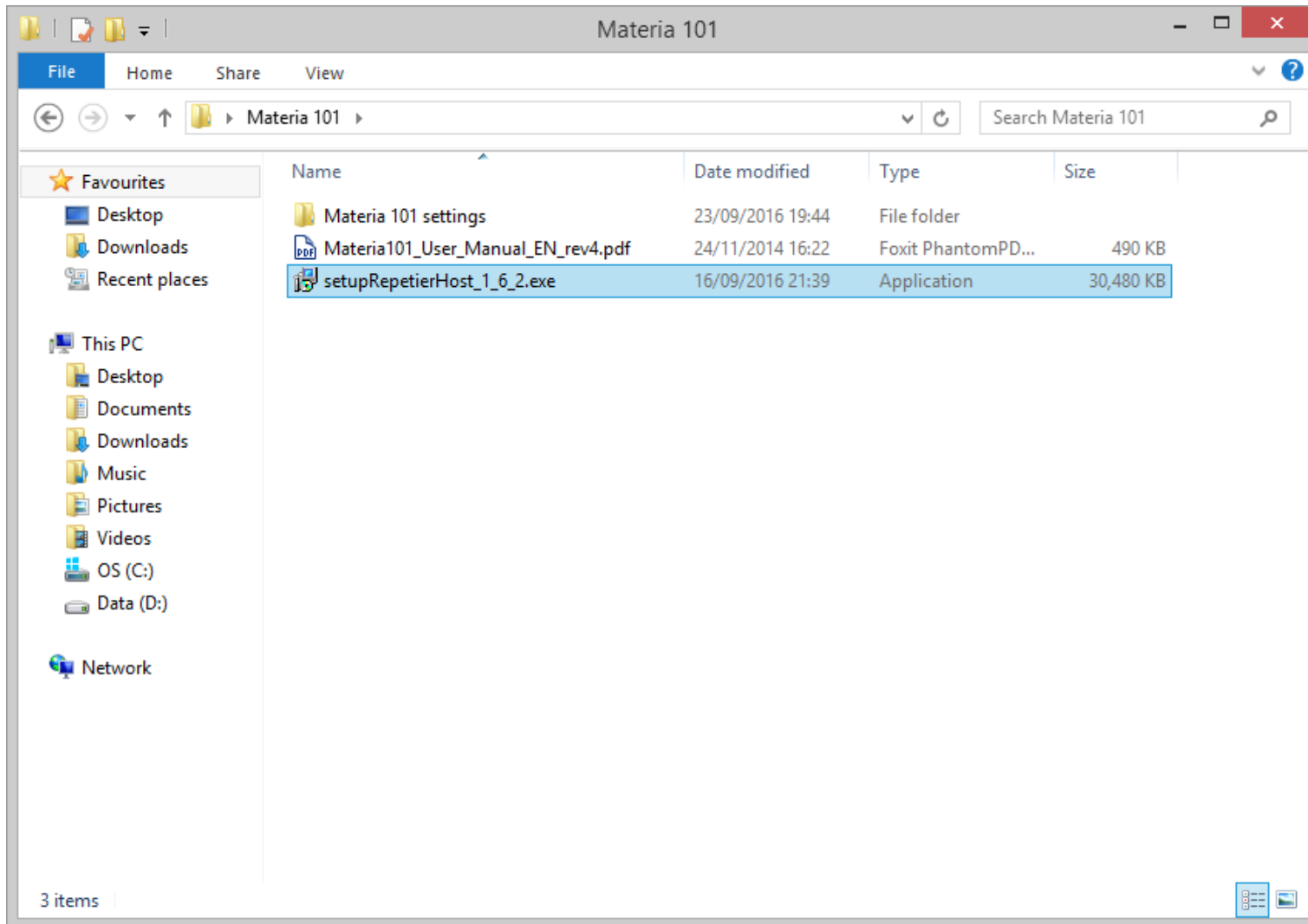
PC Setup for 3D Printing

One-off task

Complete all steps

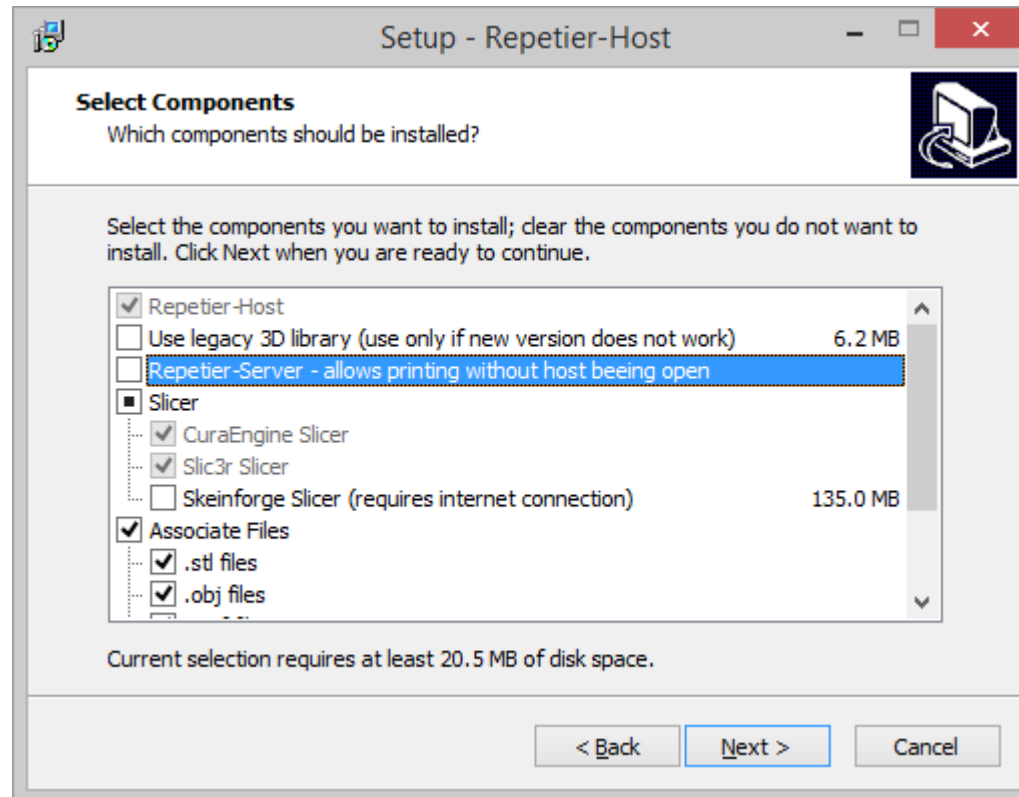
Install Repetier-Host

Version 1.6.2 for Microsoft Windows has already been downloaded from <https://www.repetier.com/download-now/>
Linux and Mac versions are also available

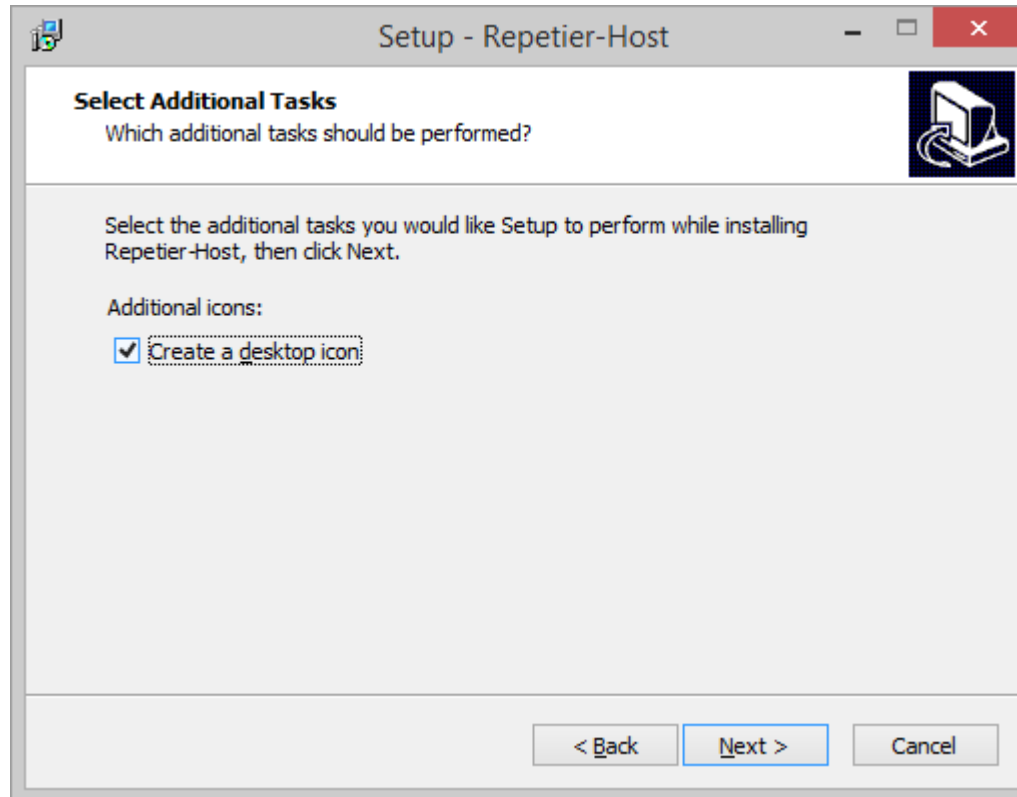


Click “Next” up as far as the “Select Components” screen

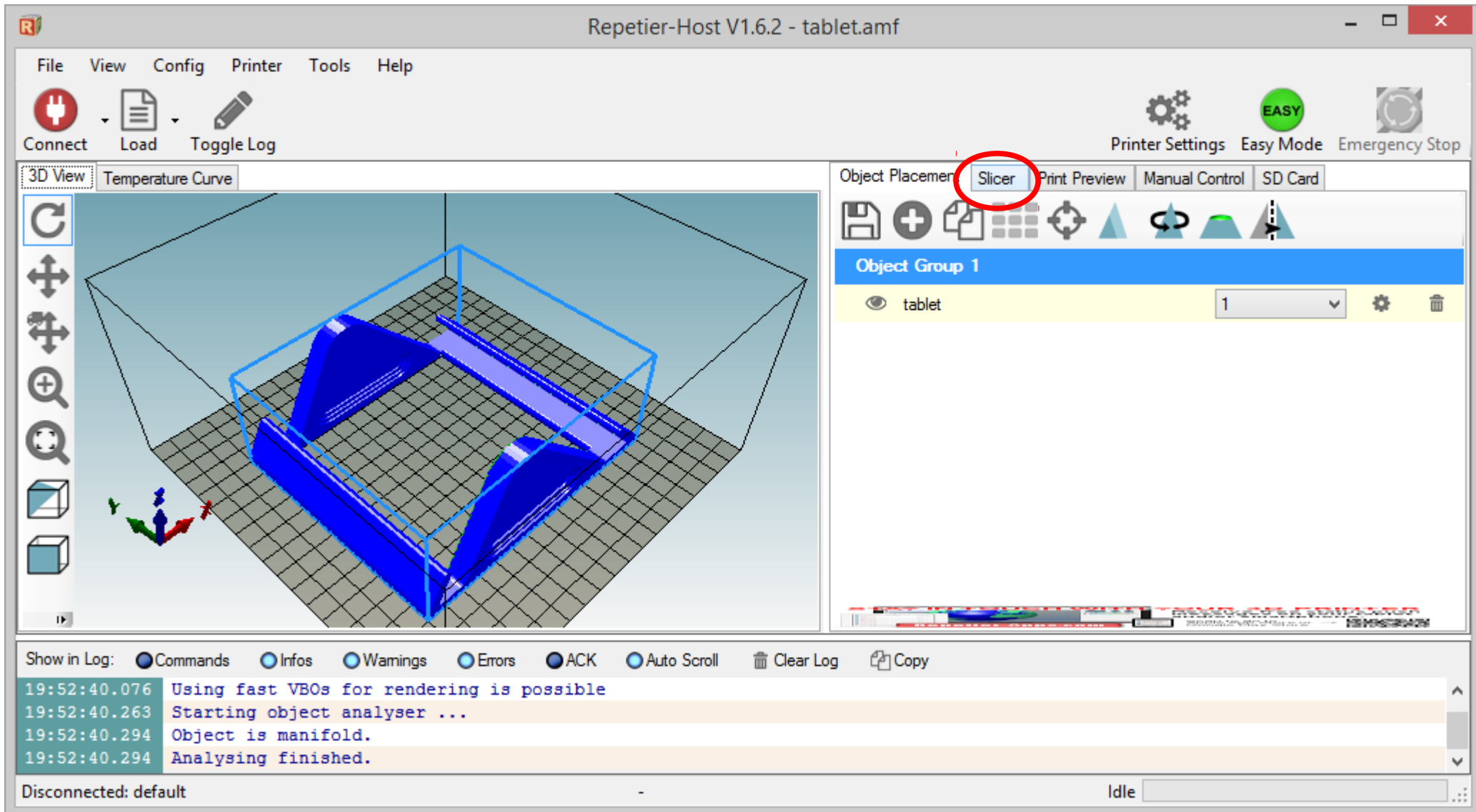
Untick Repetier-Server



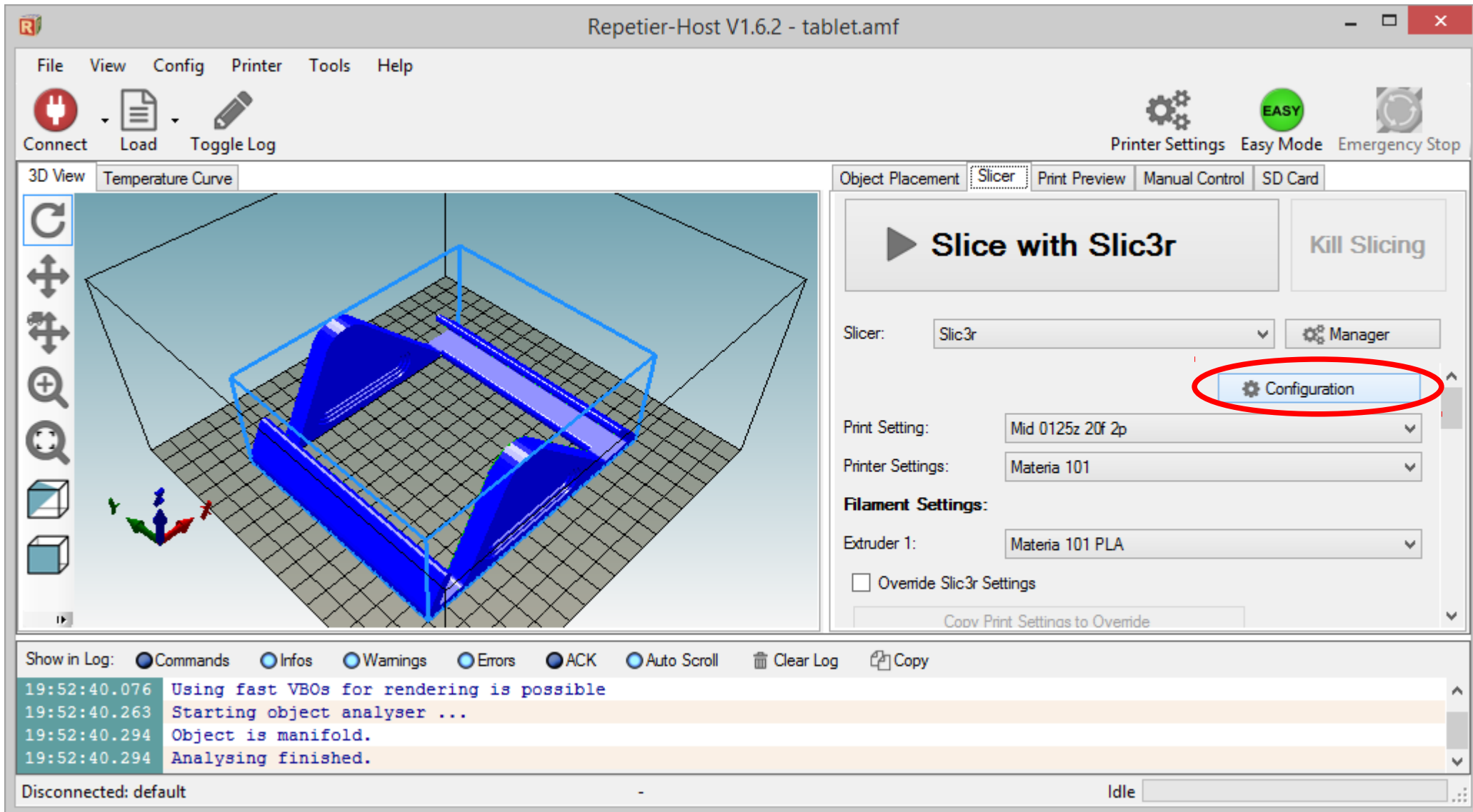
Tick “Create a desktop icon”



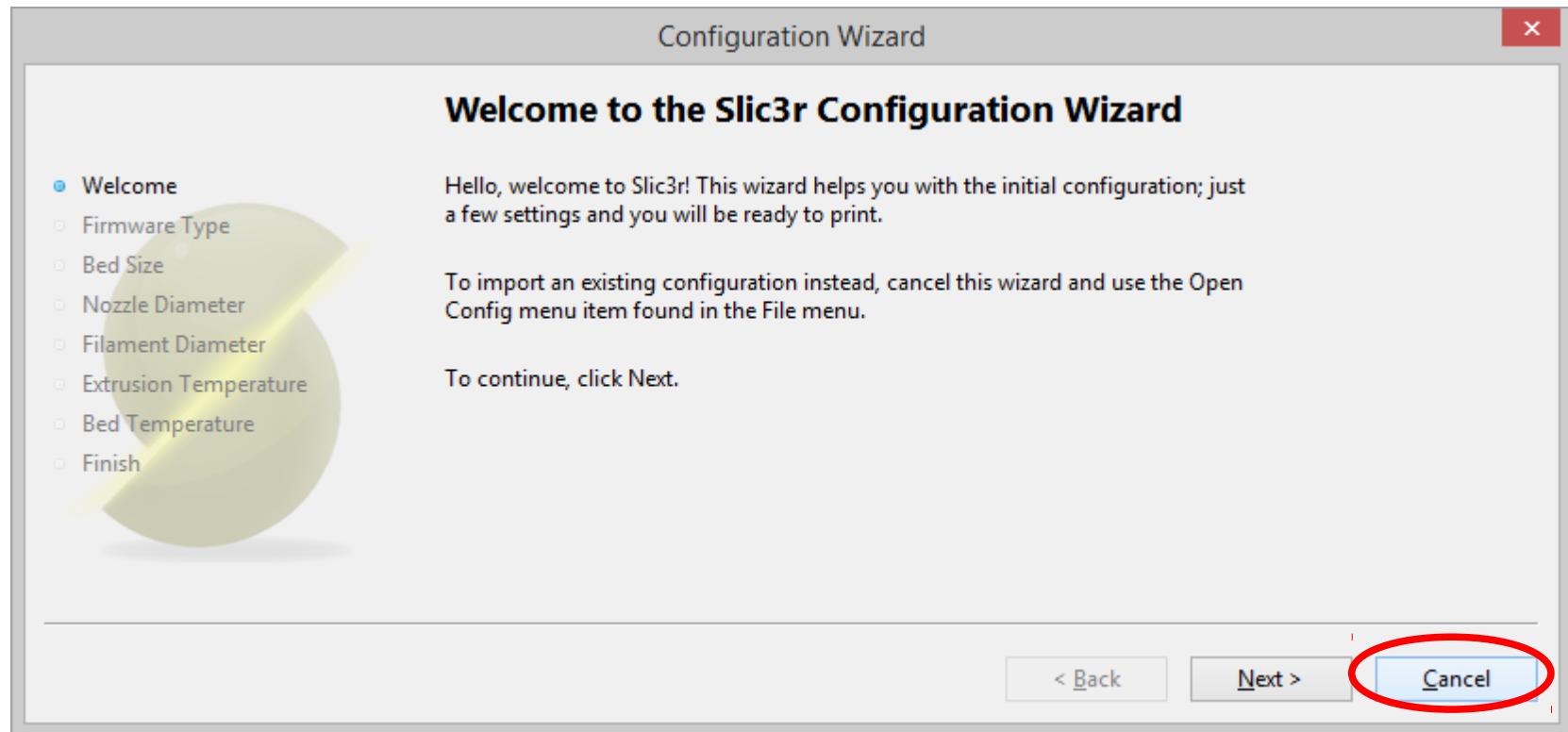
Go to “Slicer” tab



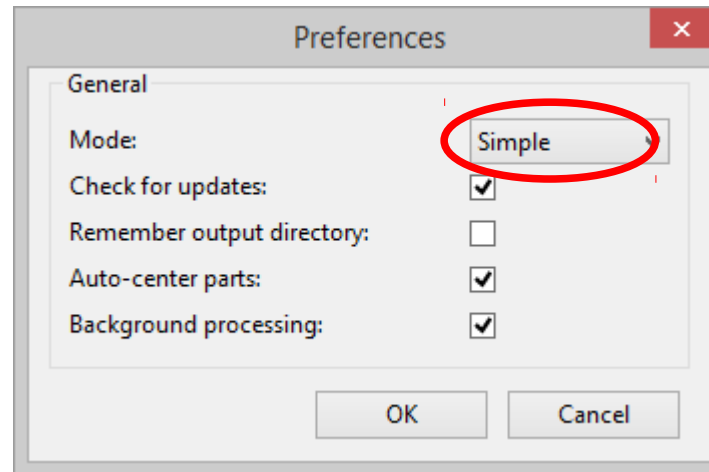
Click on “Configuration” button and **wait**



Cancel the Configuration Wizard



Go to File → Preferences



1. Change the Mode from “Simple” to “Expert”
2. Click “OK”
3. Close Slic3r

Click on “Configuration” button again

The screenshot displays the Repetier-Host V1.6.2 interface. The main window is titled "Repetier-Host V1.6.2 - tablet.amf". The interface includes a menu bar (File, View, Config, Printer, Tools, Help) and a toolbar with icons for Connect, Load, and Toggle Log. The central area shows a 3D view of a blue printed object on a grid. The right sidebar contains tabs for Object Placement, Slicer, Print Preview, Manual Control, and SD Card. The Slicer tab is active, showing a "Slice with Slic3r" button and a "Kill Slicing" button. Below these are dropdown menus for Slicer (Slic3r), Print Setting (Mid 0125z 20f 2p), Printer Settings (Materia 101), and Filament Settings (Extruder 1: Materia 101 PLA). A "Configuration" button with a gear icon is circled in red. The bottom status bar shows "Disconnected: default" and "Idle".

Repetier-Host V1.6.2 - tablet.amf

File View Config Printer Tools Help

Connect Load Toggle Log

Printer Settings Easy Mode Emergency Stop

3D View Temperature Curve

Object Placement Slicer Print Preview Manual Control SD Card

Slice with Slic3r Kill Slicing

Slicer: Slic3r Manager

Configuration

Print Setting: Mid 0125z 20f 2p

Printer Settings: Materia 101

Filament Settings:

Extruder 1: Materia 101 PLA

Override Slic3r Settings

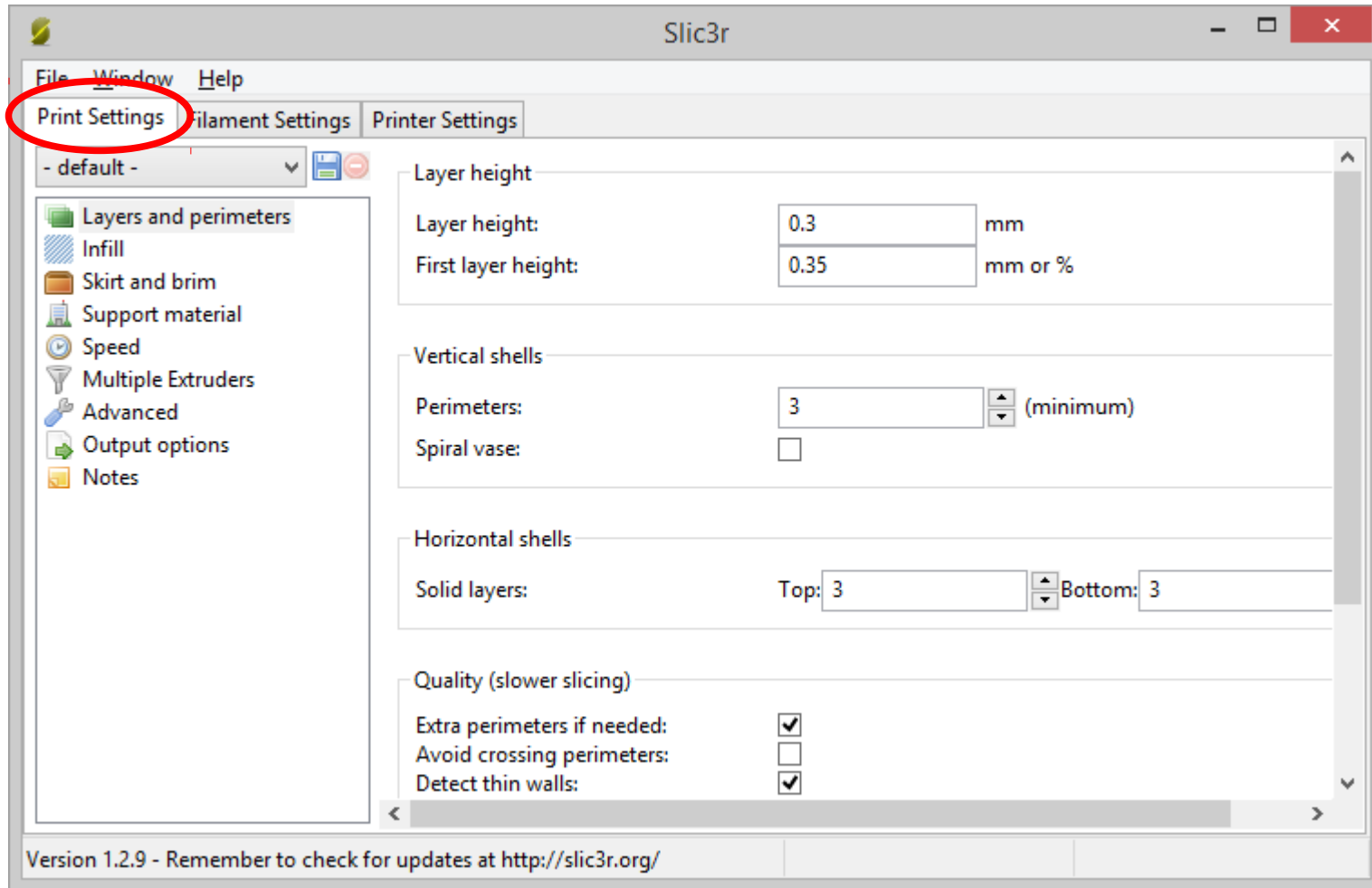
Copy Print Settings to Override

Show in Log: Commands Infos Warnings Errors ACK Auto Scroll Clear Log Copy

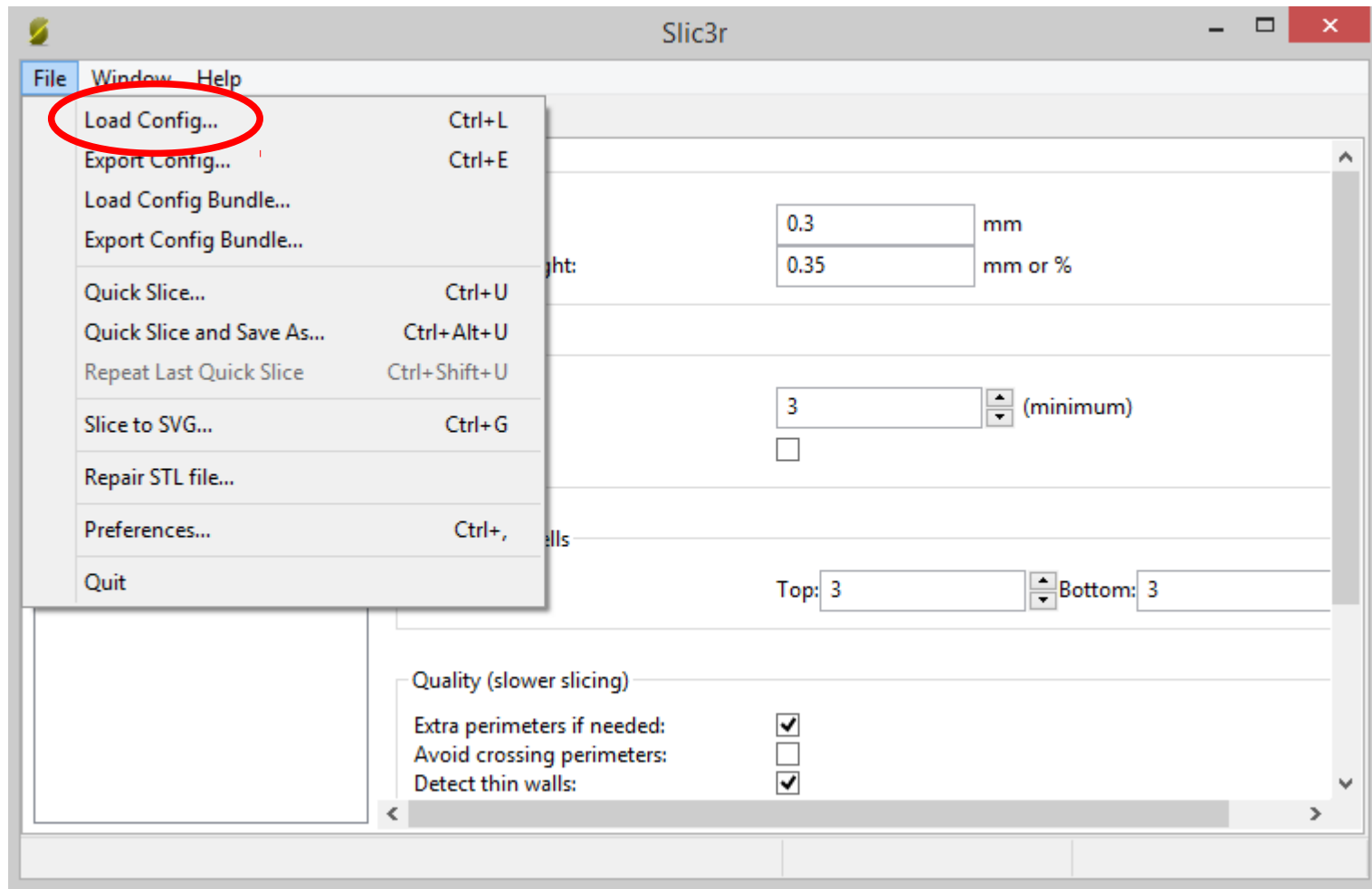
19:52:40.076 Using fast VBOs for rendering is possible
19:52:40.263 Starting object analyser ...
19:52:40.294 Object is manifold.
19:52:40.294 Analysing finished.

Disconnected: default Idle

Select the “Print Settings” tab

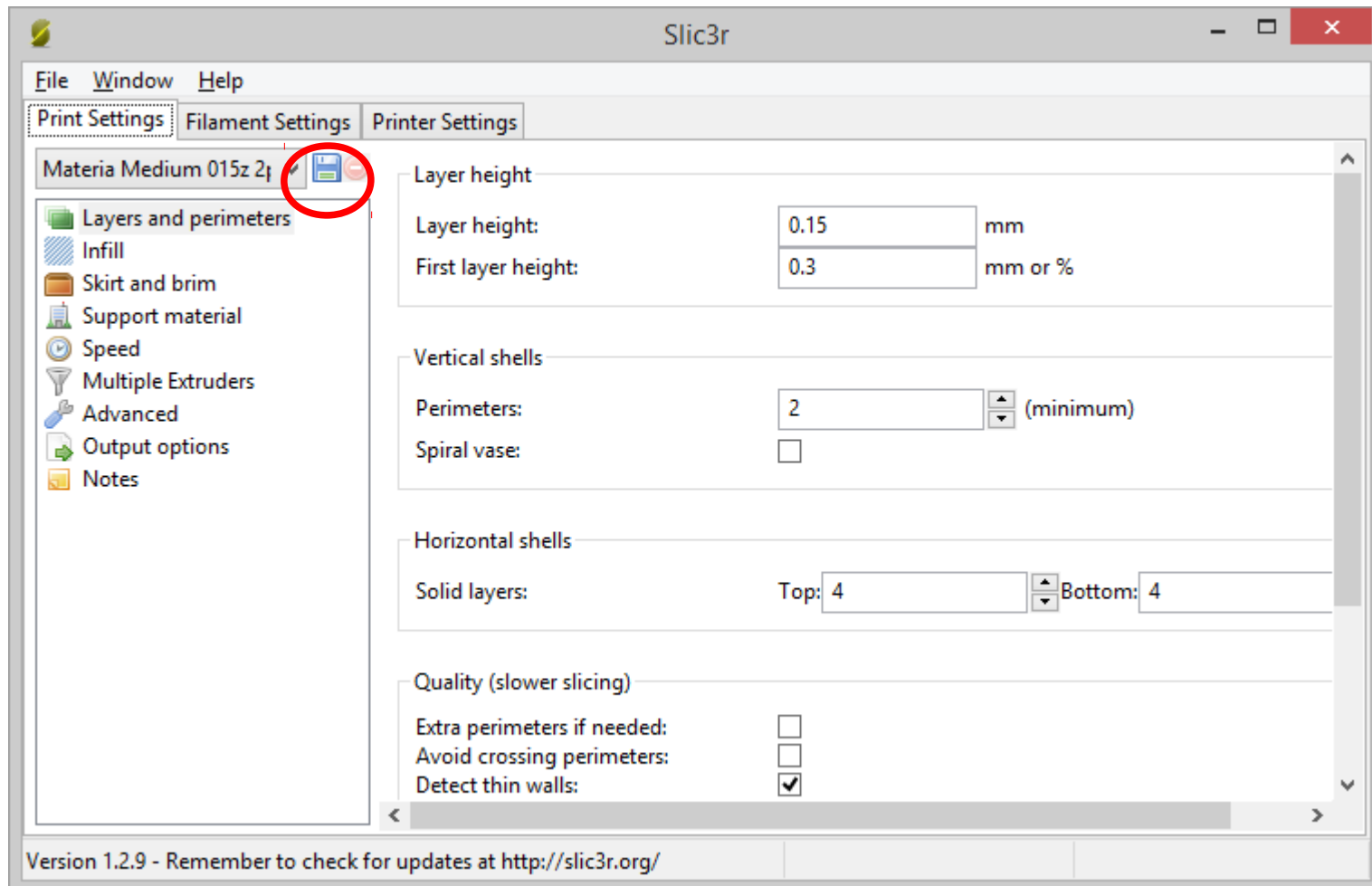


Go to File → Load Config



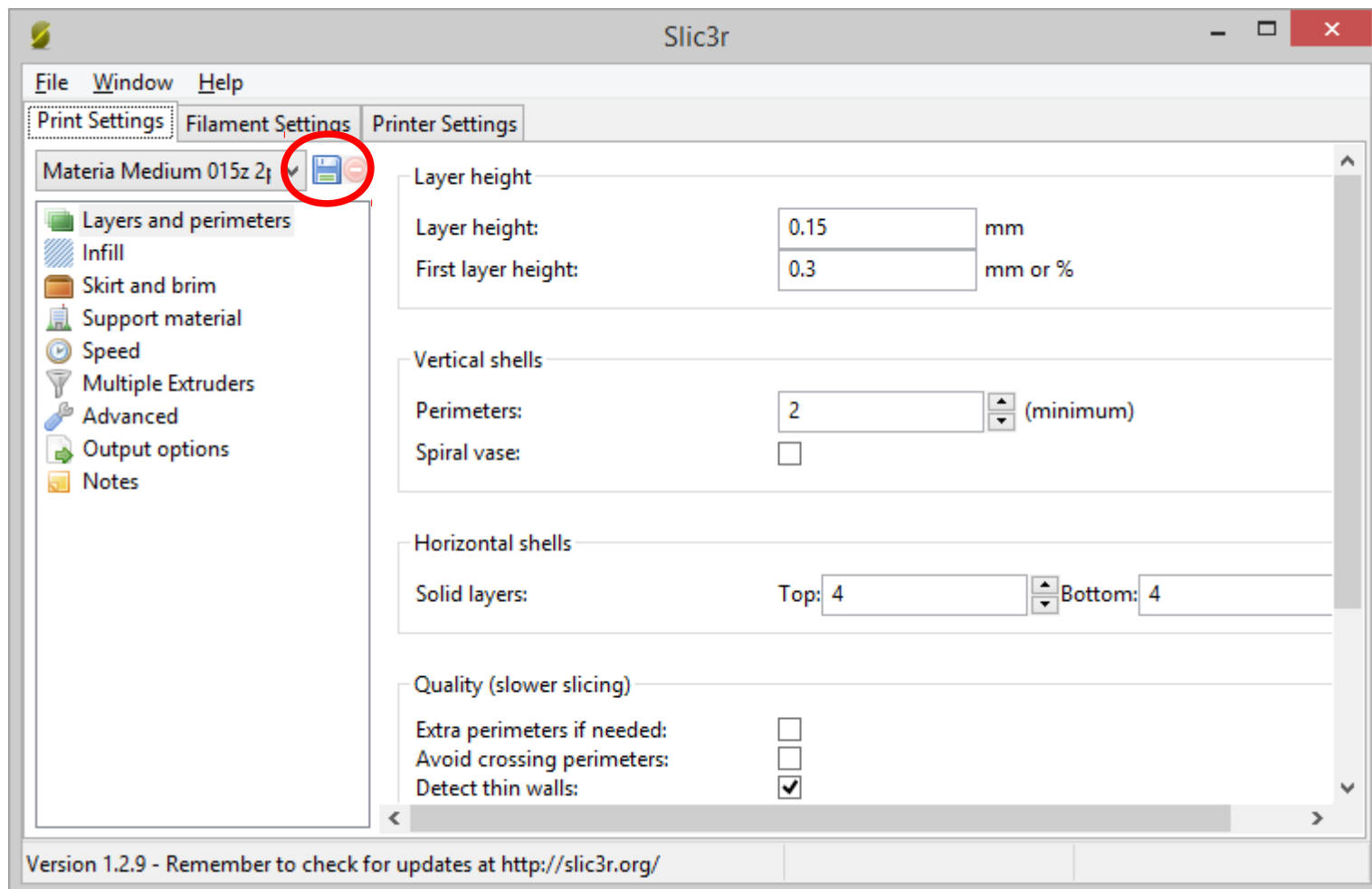
Go to Slic3r Materia 101 settings\print folder and open
Materia Medium 020z 2p 20f HST4 HSB4.ini

Click on the Save icon



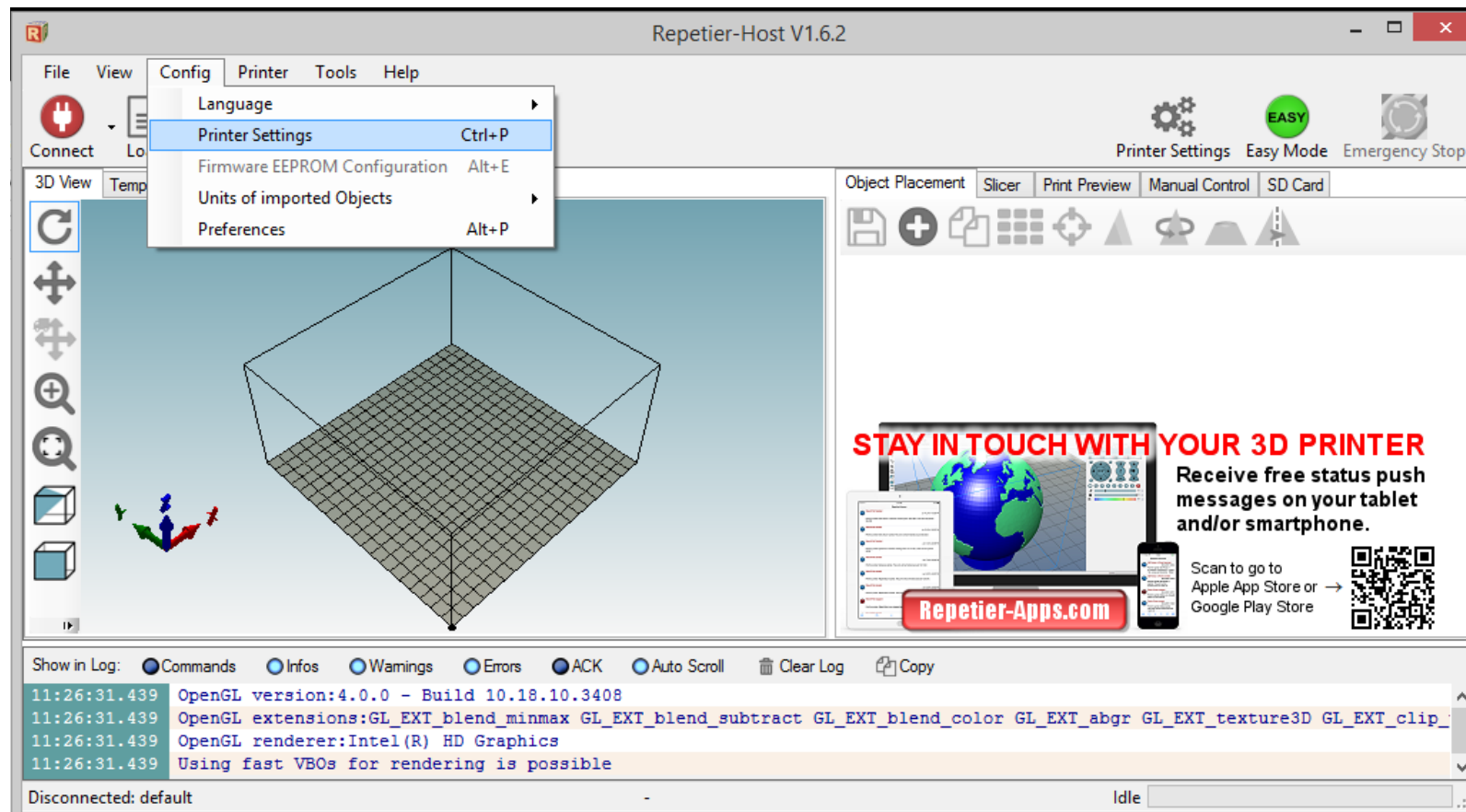
Repeat for the “Filament Settings”: **Materia101 PLA.ini**
and “Printer Settings”: **Materia 101.ini**

Important: Click on the Save icon each time

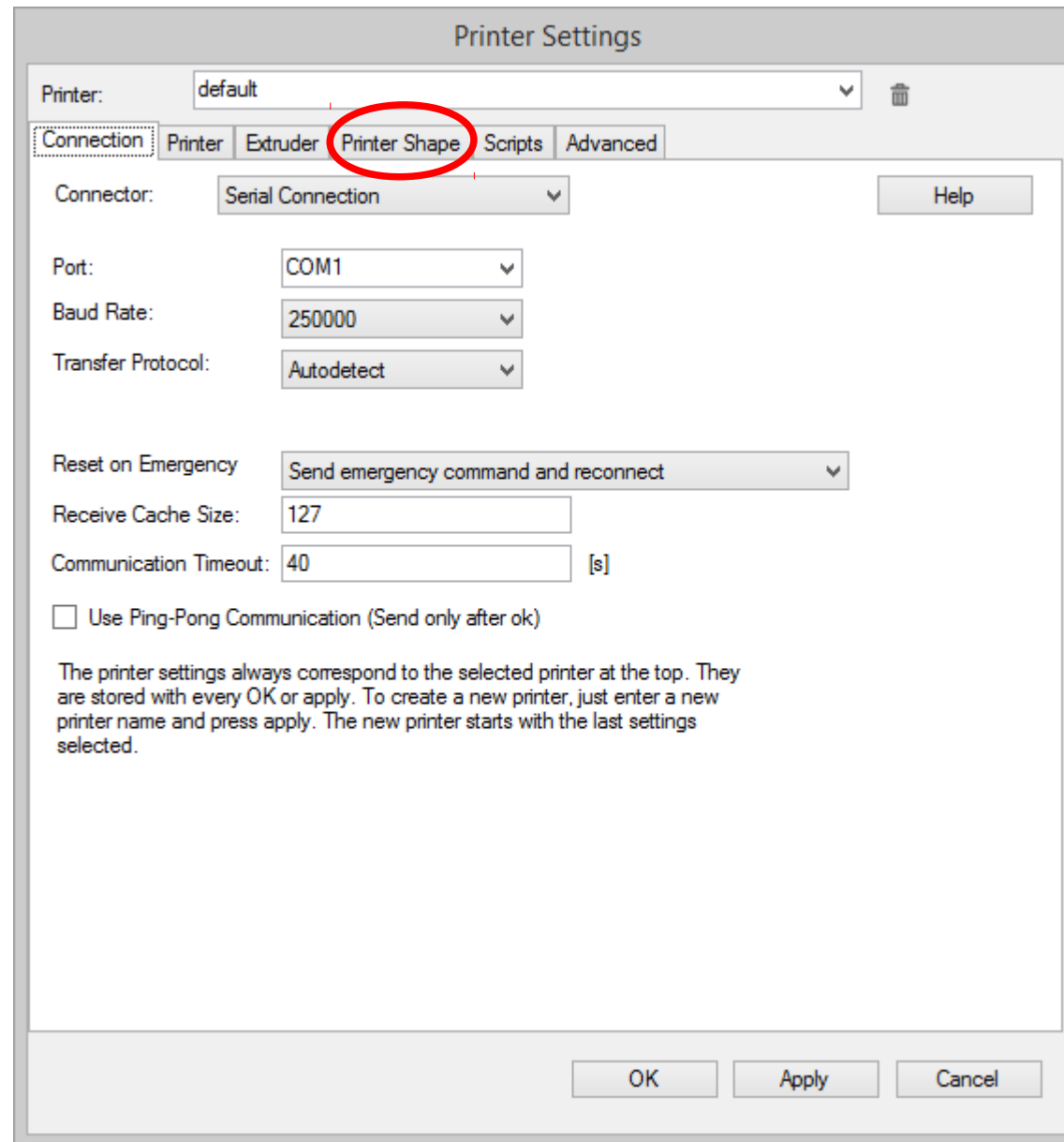


Close Slic3r when you are done

In Repetier-Host, Go to Config → Printer Settings



Go to “Printer Shape” tab



The image shows a screenshot of the 'Printer Settings' dialog box. The 'Printer Shape' tab is highlighted with a red circle. The dialog box contains the following fields and options:

- Printer: default (dropdown menu)
- Connection: Serial Connection (dropdown menu)
- Port: COM1 (dropdown menu)
- Baud Rate: 250000 (dropdown menu)
- Transfer Protocol: Autodetect (dropdown menu)
- Reset on Emergency: Send emergency command and reconnect (dropdown menu)
- Receive Cache Size: 127 (text input)
- Communication Timeout: 40 [s] (text input)
- Use Ping-Pong Communication (Send only after ok)

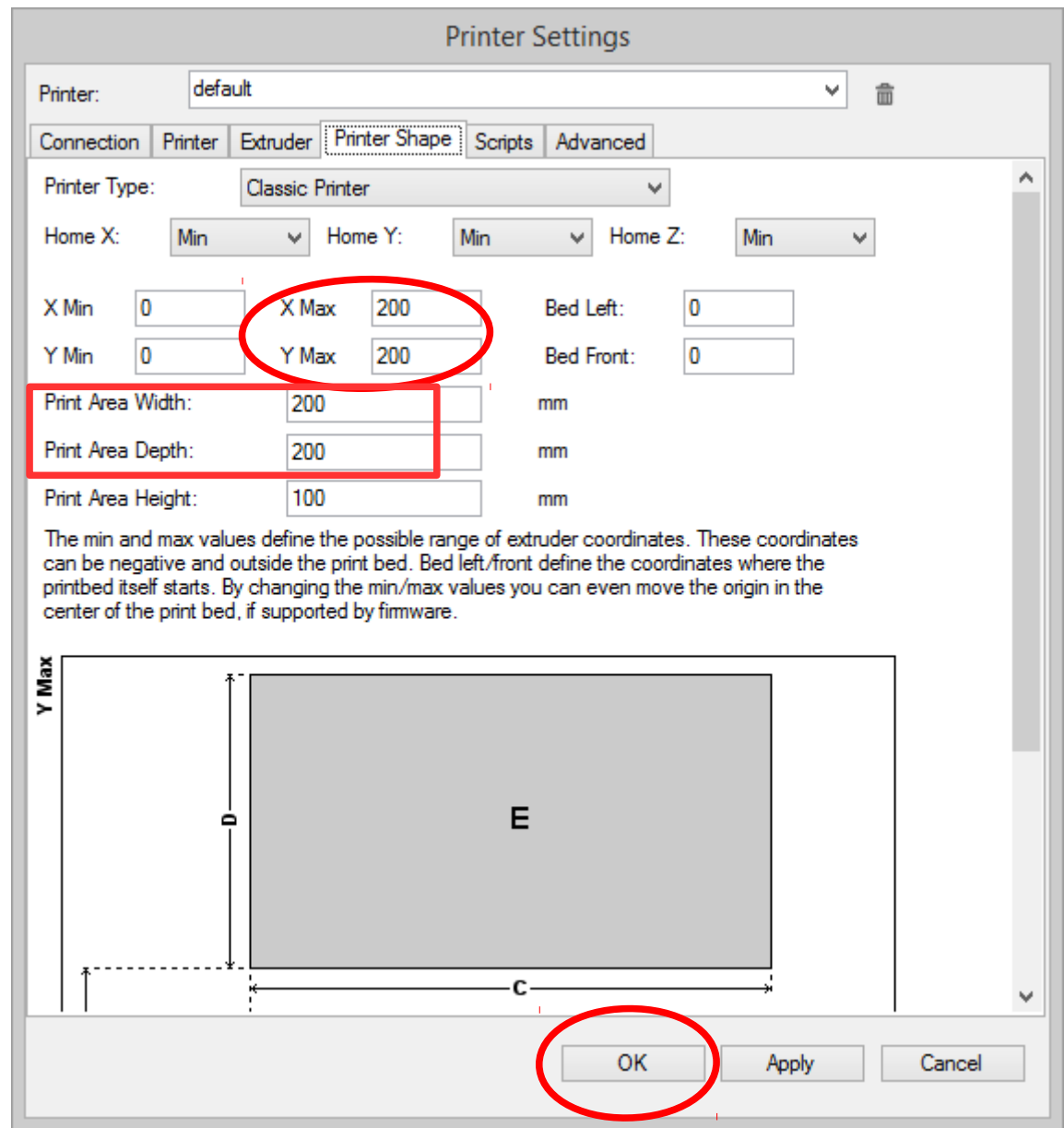
The dialog box also includes a 'Help' button and 'OK', 'Apply', and 'Cancel' buttons at the bottom.

The printer settings always correspond to the selected printer at the top. They are stored with every OK or apply. To create a new printer, just enter a new printer name and press apply. The new printer starts with the last settings selected.

X Max = 140
Y Max = 100

Print Area Width = 140
Print Area Depth = 100

Click OK to save



All done: Repetier-Host is now ready to generate a printer file

