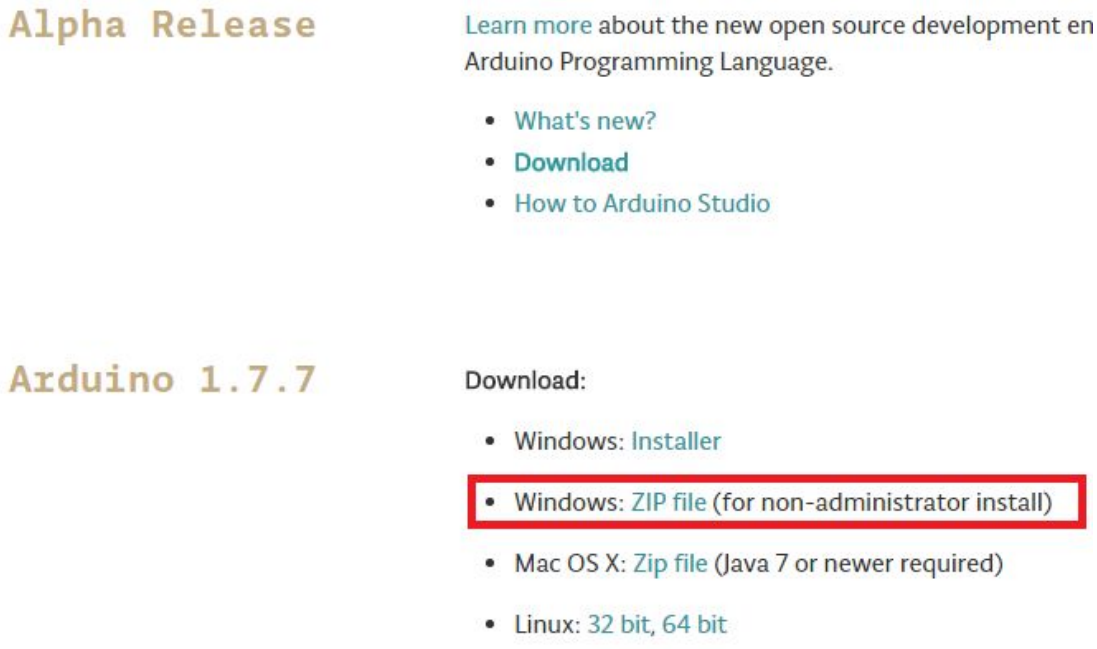
DRIVERE

http://arduino.org

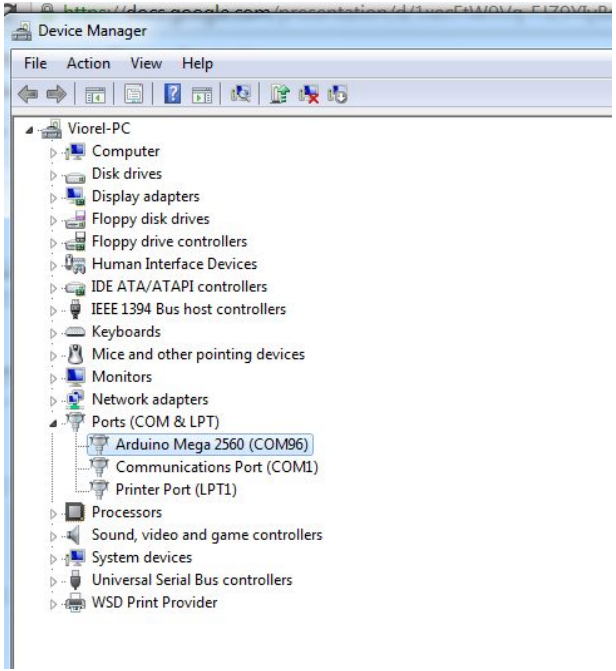
Download



DRIVERE

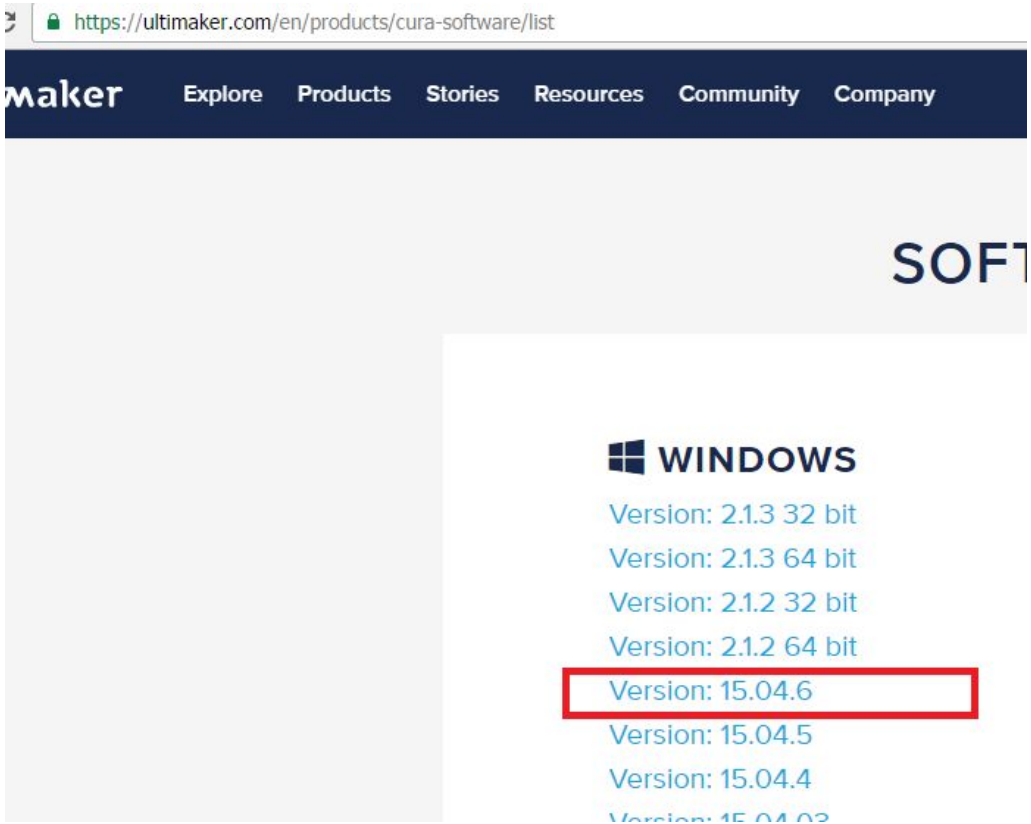
Dezarhivezi zip-ul, infigi imprimanta in USB, selectezi “Have Drivers”, ii indici folder-ul “drivers” din folder-ul dezarhivat

In Device Manager ar trebui sa vezi un nou port marcat “Arduino Mega 2560”.

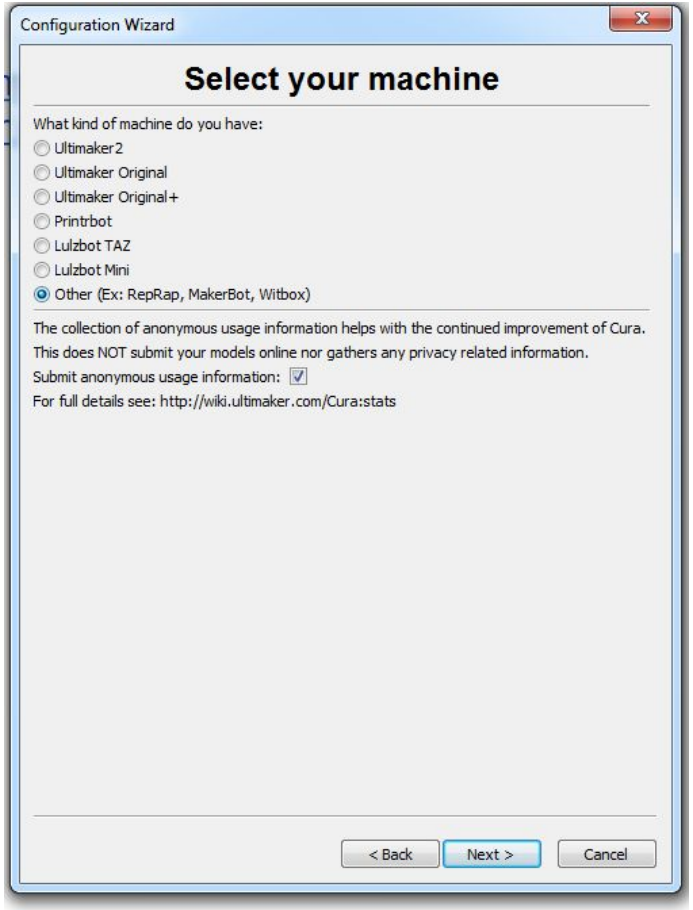


CURA

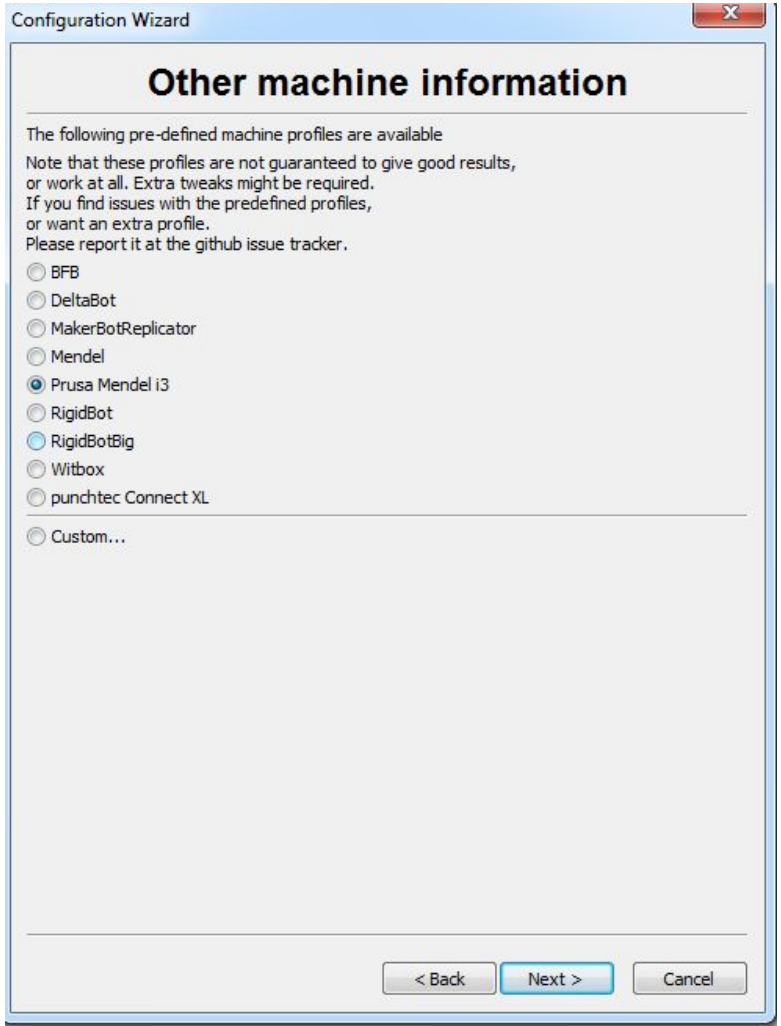
https://ultimaker.com/en/products/cura-software/list



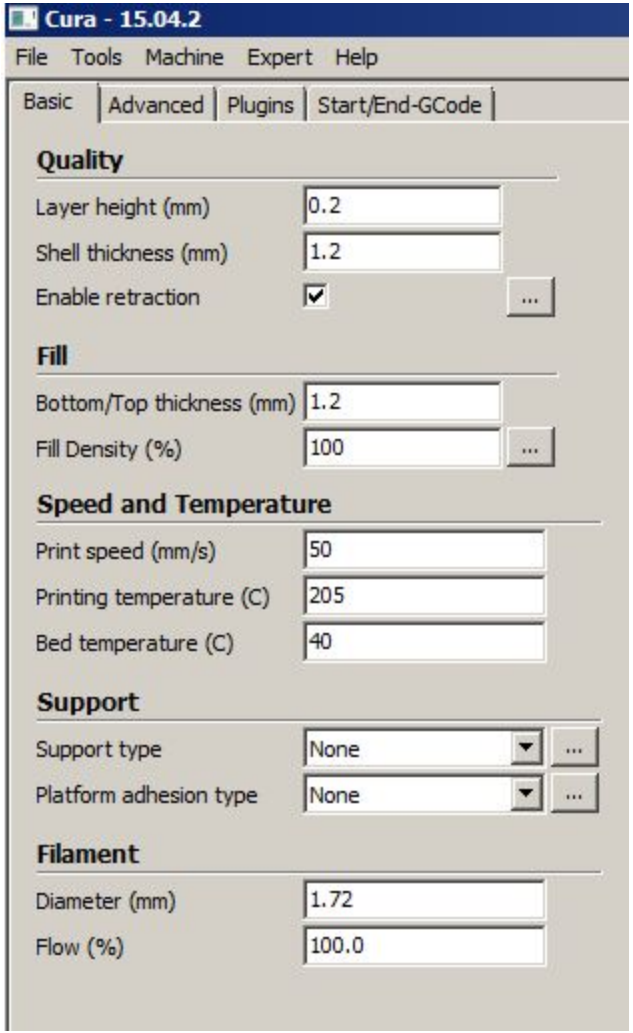
CURA


Configuration Wizard
Select your machine
What kind of machine do you have:
Ultimaker2
Ultimaker Original
Ultimaker Original+
Printrbot
Lulzbot TAZ
Lulzbot Mini
Other (Ex: RepRap, MakerBot, Witbox)
The collection of anonymous usage information helps with the continued improvement of Cura.
This does NOT submit your models online nor gathers any privacy related information.
Submit anonymous usage information:
For full details see: http://wiki.ultimaker.com/Cura:stats
< Back
Next >
Cancel

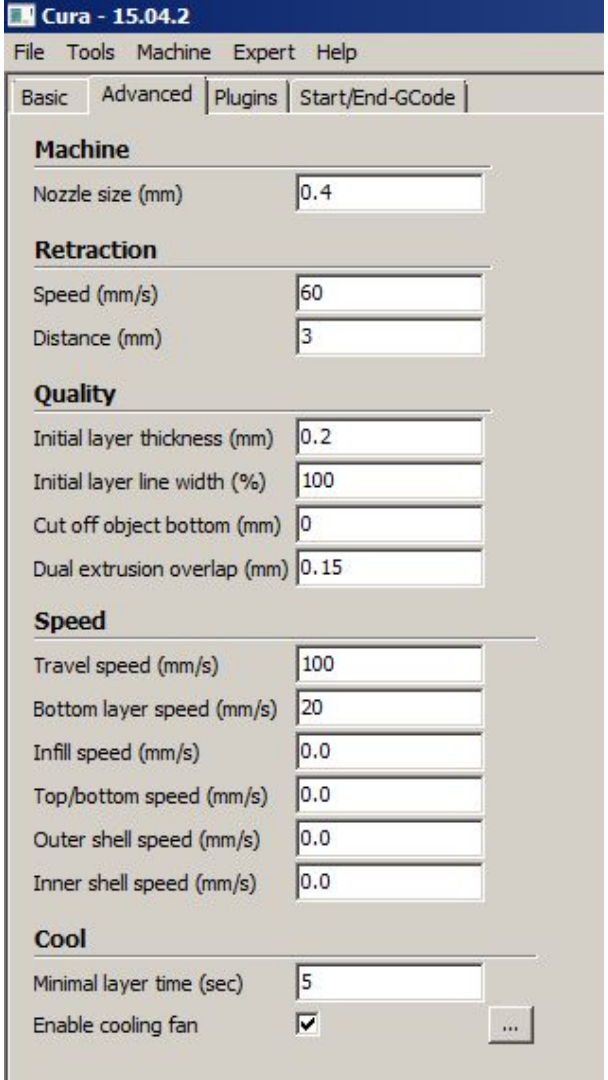
CURA


Configuration Wizard
Other machine information
The following pre-defined machine profiles are available
Note that these profiles are not guaranteed to give good results,
or work at all. Extra tweaks might be required.
If you find issues with the predefined profiles,
or want an extra profile.
Please report it at the github issue tracker.
BFB
DeltaBot
MakerBotReplicator
Mendel
Prusa Mendel i3
RigidBot
RigidBotBig
Witbox
punchtec Connect XL
Custom...
< Back
Next >
Cancel

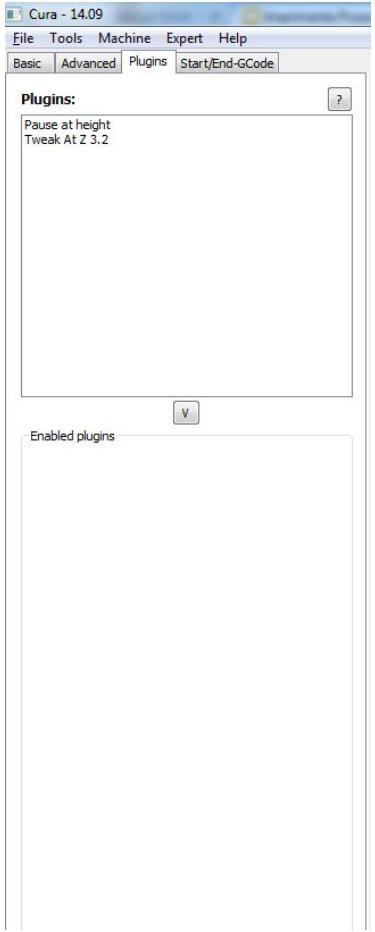
CURA BASIC


Cura - 15.04.2
File
Tools
Machine
Expert
Help
Basic
Advanced
Plugins
Start/End-GCode
Quality
Layer height (mm)
0.2
Shell thickness (mm)
1.2
Enable retraction
...
Fill
Bottom/Top thickness (mm)
1.2
Fill Density (%)
100
...
Speed and Temperature
Print speed (mm/s)
50
Printing temperature (C)
205
Bed temperature (C)
40
Support
Support type
None
...
Platform adhesion type
None
...
Filament
Diameter (mm)
1.72
Flow (%)
100.0

CURA ADVANCED



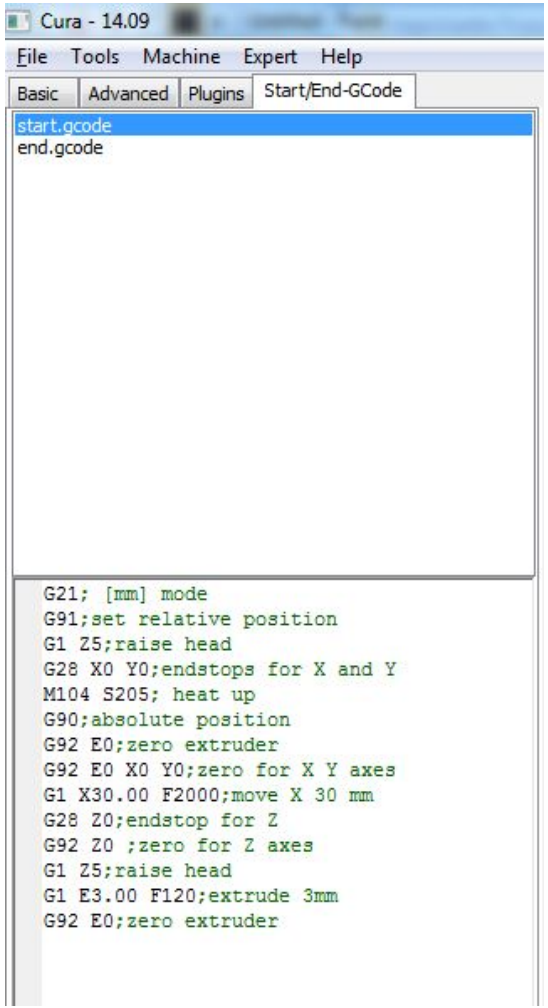
CURA PLUGINS
(nu ai nimic de facut in ecranul asta)



CURA START/END G-CODE

modifici start.code ca mai jos

```
G21; [mm] mode
G91;set relative position
G1 Z5;raise head
G28 X0 Y0;endstops for X and Y
M104 S205; heat up
G90;absolute position
G92 E0;zero extruder
G1 Z15;raise head
G92 E0 X0 Y0;zero for X Y axes
G1 X40.00 F2000;move X axis
G92 X0;zero X axis
G28 Z0;endstop for Z
G92 Z0 ;zero for Z axes
G1 Z15;raise head
G1 E9.00 F120;extrude 9mm
G92 E0;zero extruder
```

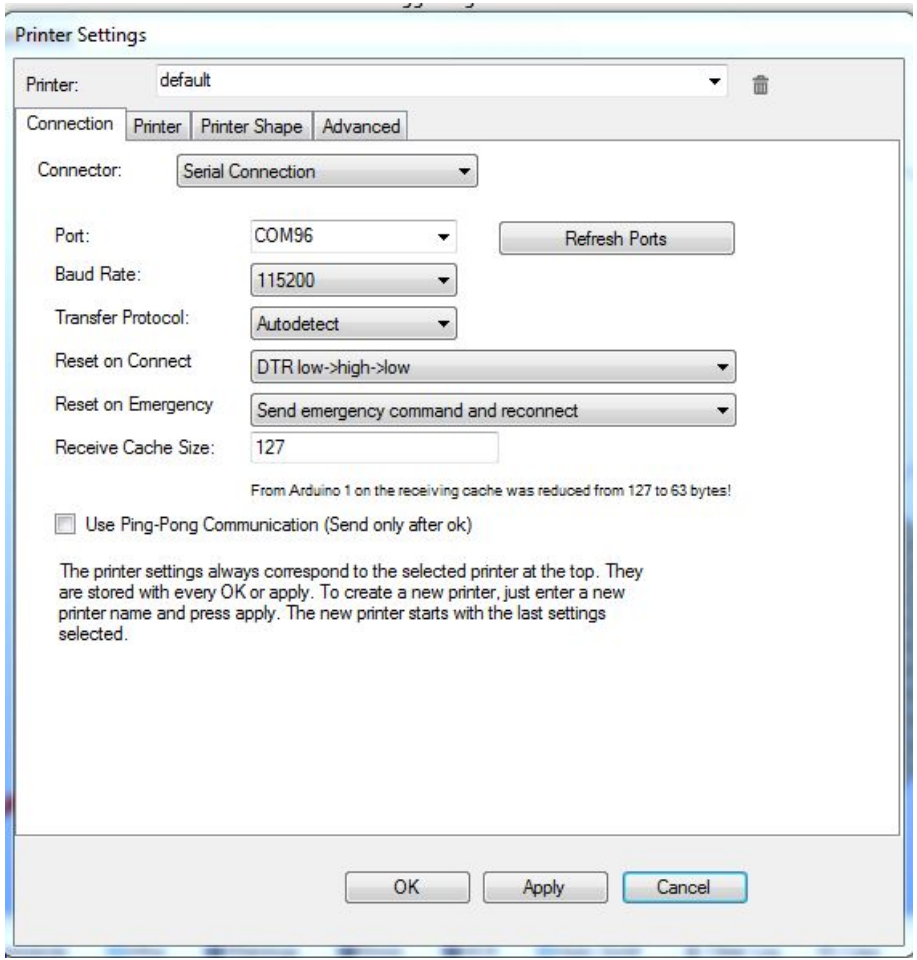


REPETIER
http://www.repetier.com/download/

REPETIER

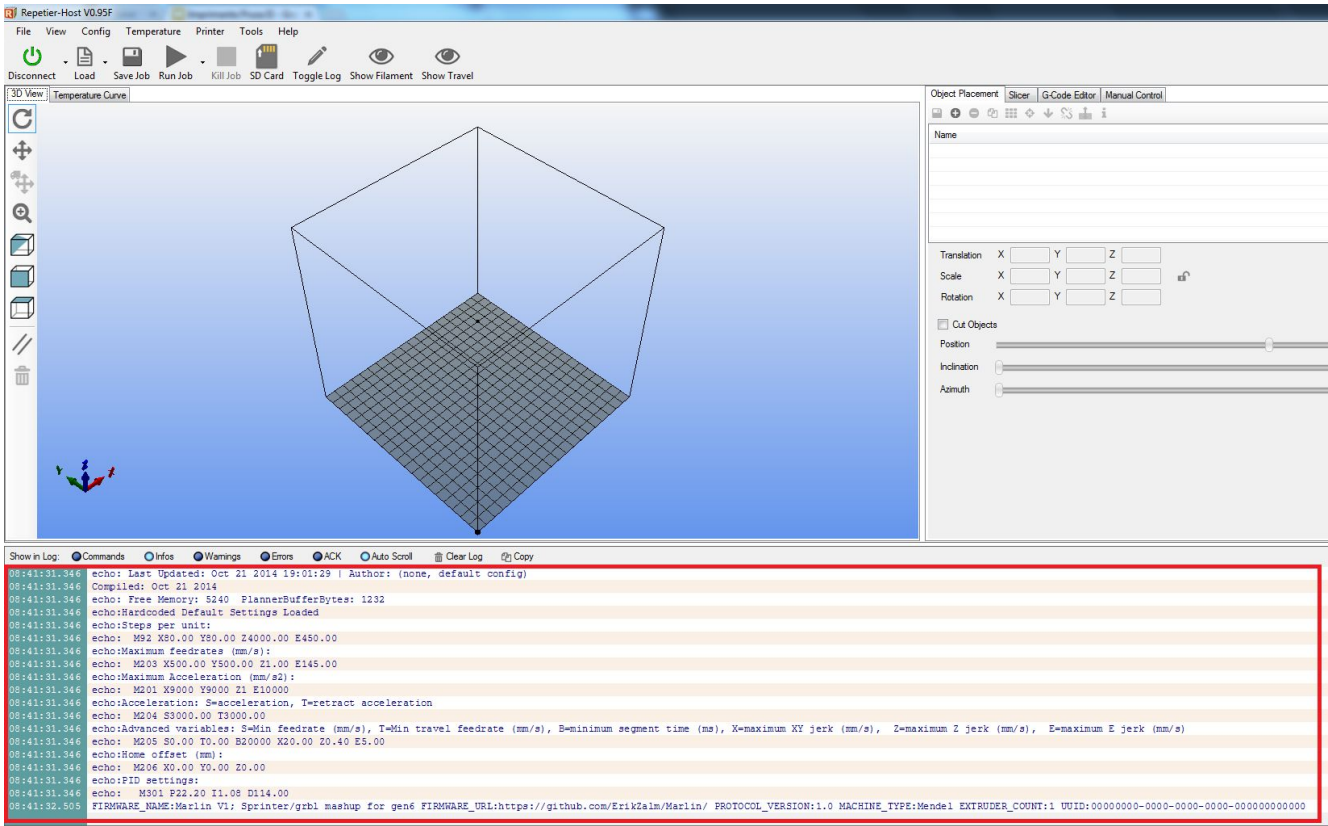
Config -> Printer Settings

modifici Port si Baud Rate



REPETIER

apesi “Connect”, trebuie sa vezi ca in imagine



Se aplica pe bed (pe sticla) o data la fiecare 10-15 print-uri
Dupa aplicare se lasa sa se usuce 5-10 minute inainte de print
In principiu, orice lipici similar va functiona, insa cu BIC am obtinut cele mai bune rezultate

O alta alternativa pentru acoperirea bed-ului este http://www.dedeman.ro/ro/amenajari-interioare/adezivi-spume-silicoane/benzi/mascare/tesa-mascare-4435-rez-la-uv-2-sapt50-30.html .

Noi am obtinut intotdeauna rezultate mult mai bune cu lipiciul BIC decat cu banda adeziva, recomandam lipici BIC.

Tutoriale Video

https://vimeo.com/93221203
https://vimeo.com/93233253

parola : robofun

https://www.youtube.com/watch?v=PcXW_7-FaFA
https://www.youtube.com/watch?v=MboQjmYBlak
https://www.youtube.com/watch?v=1_u73VKTuEg
https://www.youtube.com/watch?v=5vCU6mEhAdc

Schimbare filament (IMPORTANT !)

1. se incalzeste hotend-ul la 205 grade
2. se asteapta 5 minute
3. se invarte manual de roata mare a extruder-ului, in sensul acelor de ceasornic, astfel incat filamentul sa inainteze si sa iasa prin hotend. Se extrudeaza astfel circa 10 cm de filament (masurati in zona groasa a filamentului, deasupra extruder-ului, si NU in zona in care iese din hotend); procesul dureaza vreo 30 de secunde cel putin
4. se extrage filamentul invartind invers roata dintata
5. se taie oblic noul filament
6. se infige noul filament pana cand opune rezistenta, invartind de roata

daca se sare pasul 3, infundarea hotend-ului este aproape garantata :)

Pozitie de zero

- reglaj din elementul mobil din stanga (cel care apasa pe butonul endstop)

Orizontalitate

- reglaj din cele patru piulite

Intrebari, dificultati, print-uri esuate ?

Cel mai simplu este sa trimiteti un email la viorel.spinu@robofun.ro in care sa includeti neaparat :

- cateva poze cu obiectul printat
- 2-3 vorbe despre ce e nu e in regula, daca nu este deja evident din poze
- screenshot-uri cu ecranele de setari din Cura (tab-ul Basic si tab-ul Advanced)

Promitem un raspuns foarte rapid la astfel de emailuri ;)