

Quentorres

Go to <https://academany.fabcloud.io/fabacademy/2024/bootcamp-instructors/quentorres/>

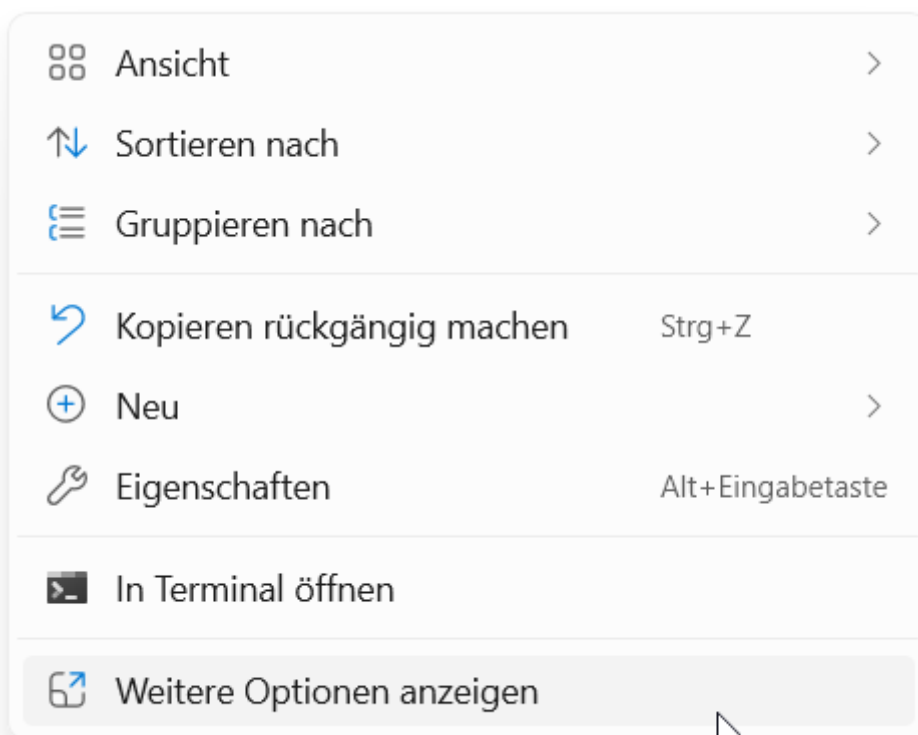
have a quick read and decide which board you want to mill.

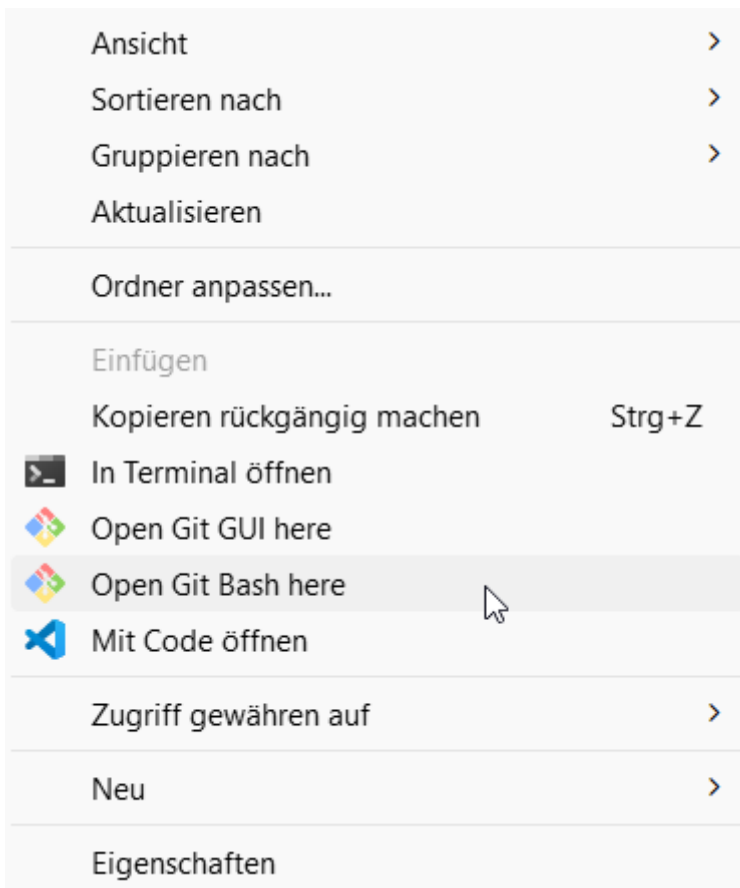
I decided to do the second variant.

You will have to generate the pngs for milling with KiCAD.

Go to <https://gitlab.fabcloud.org/pub/programmers/quentorres>

Clone the repo to your harddisk: navigate with Explorer to the folder you want to use
rightclick and choose "git bash"





Clone the whole repo:

```
git clone git@gitlab.fabcloud.org:pub/programmers/quentorres.git
```

Open KiCAD and open `quentorresaurus/PCB/quentorres_v2.kicad.pcb`

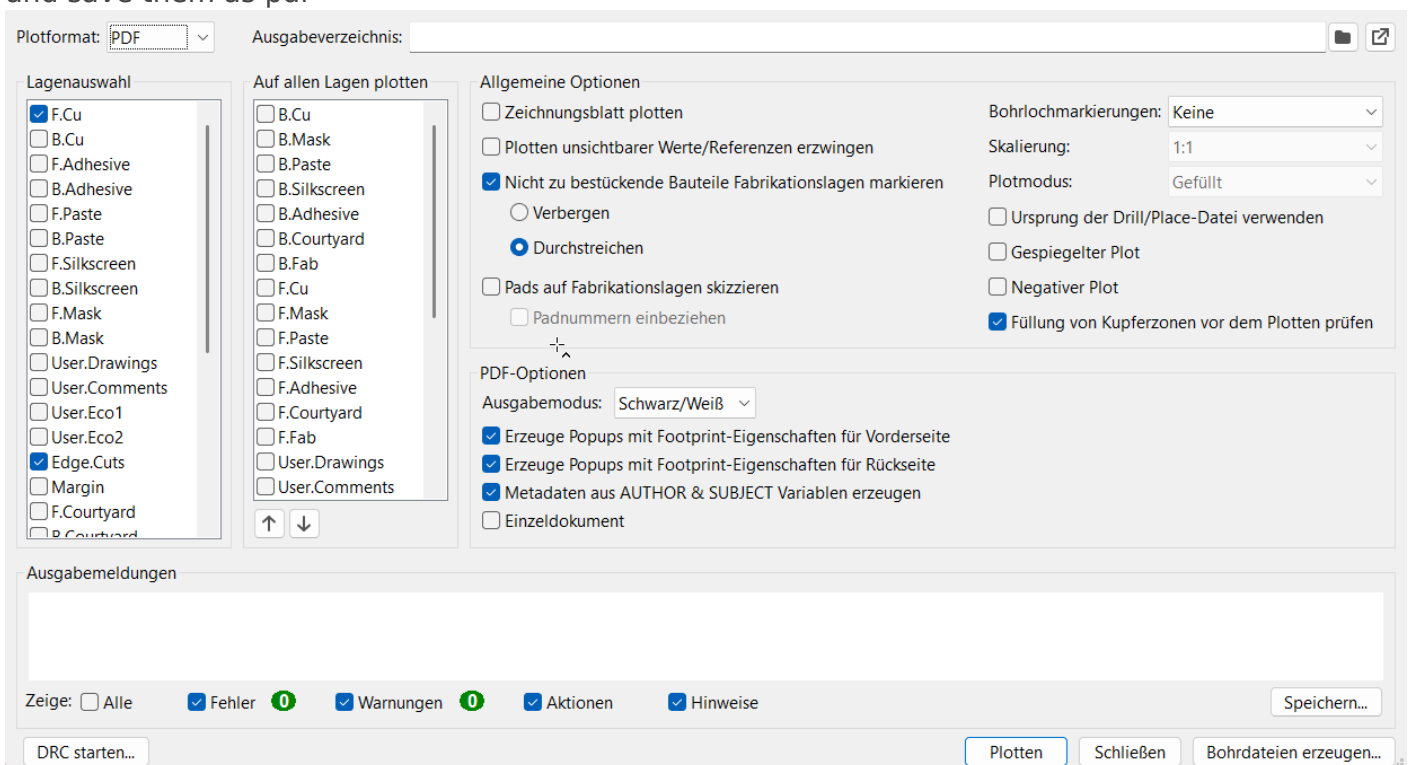
Go to `File --> Plot`

Choose the following layers:

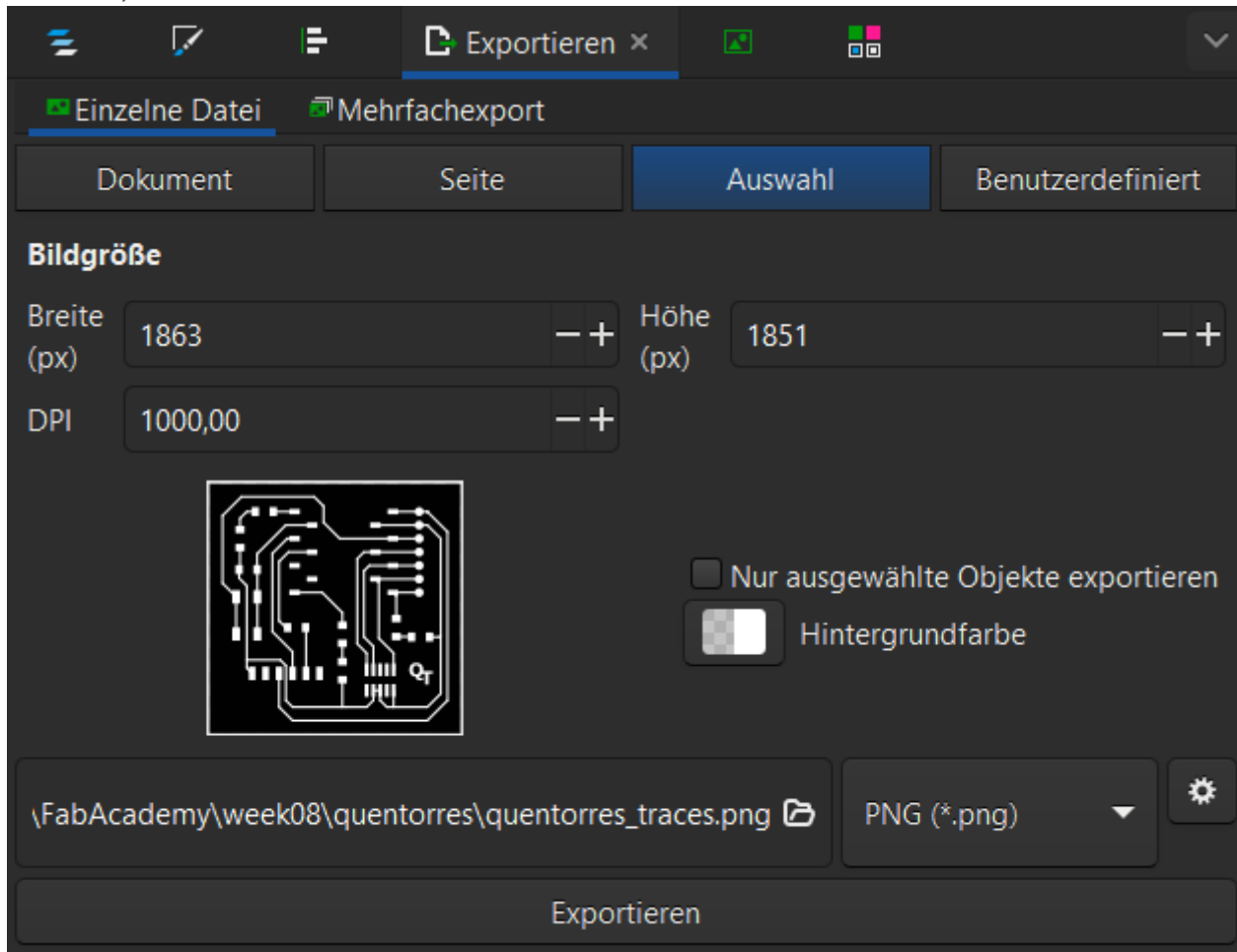
F.CU

Edge.Cuts

and save them as pdf



Import the pdfs in Inkscape and Export them with the right colors as png with 1000dpi (tutorial still to come)



Mill them and solder them.

Step 1: open the Arduino Program under

File --> Preferences --> Additional boards manager urls

enter

https://github.com/earlephilhower/arduino-pico/releases/download/global/package_rp2040_index.json

Sketchbook location:

c:\Users\feme4269\Documents\Arduino

BROWSE

☐ Show files inside Sketches

Editor font size:

14

Interface scale:

☒ Automatic 100 %

Theme:

Light ▾

Language:

English ▾ (Reload required)

Show verbose output during

☒ compile ☒ upload

Compiler warnings

None ▾

☐ Verify code after upload

☒ Auto save

☐ Editor Quick Suggestions


Additional boards manager URLs: https://github.com/earlephilhower/arduino-pico/releases/download/global/package_boards_index.json






CANCEL

OK

In Arduino IDE download the "Pico" board: Tools --> Board --> Board Manager Search for "Pico" and install the Raspberry Pi Pico/RP2040


 BOARDS MANAGER

 Type: All 


**Arduino Mbed OS RP2040 Boards** by Arduino

Boards included in this package: Raspberry Pi Pico

[More info](#)

4.2.4 


INSTALL




Raspberry Pi Pico/RP2040/RP2350 by Earle F. Philhower, III ...

Boards included in this package: Raspberry Pi Pico, Raspberry Pi Pico W, Raspberry Pi Pico 2, Raspberry Pi Pico 2W, 0xCB Helios, Adafruit Feather RP2040, Adafruit Feather RP2040 SCORPIO, Adafruit Feather RP2040 DVI,...

[More info](#)

4.5.1 

INSTALL 

Revision #2

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