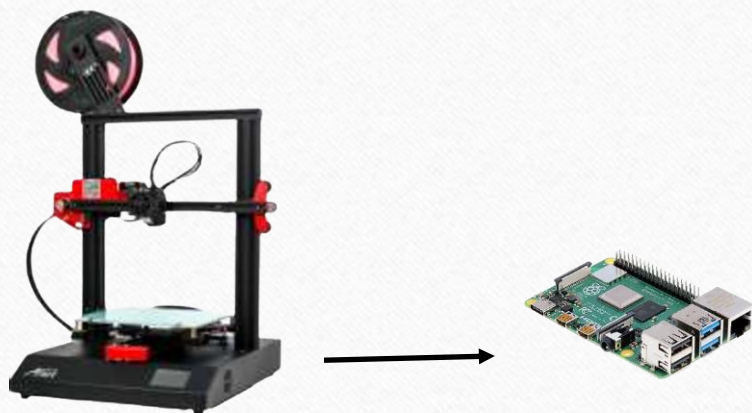


3D Printer via WiFi

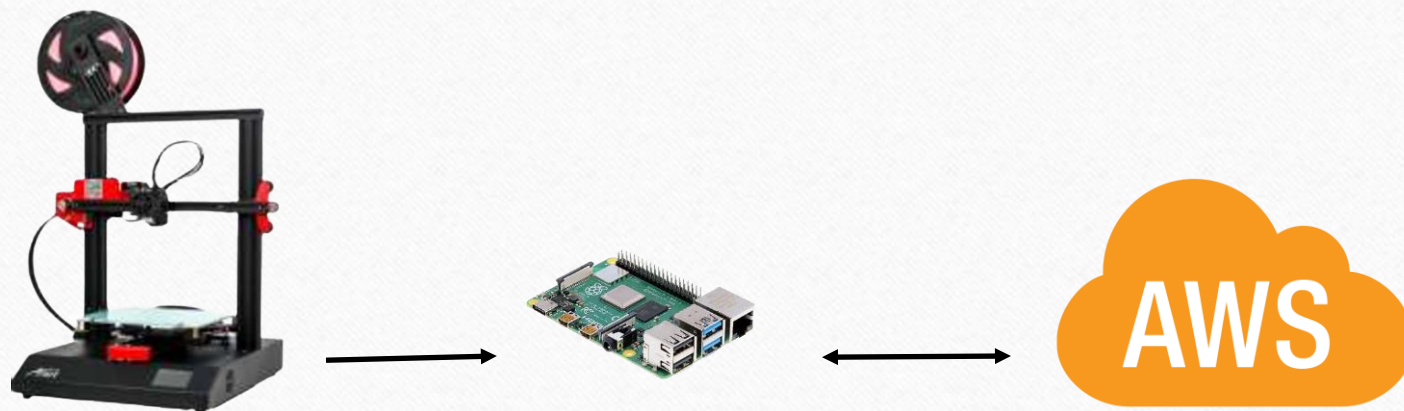
Hur Funkar det ?



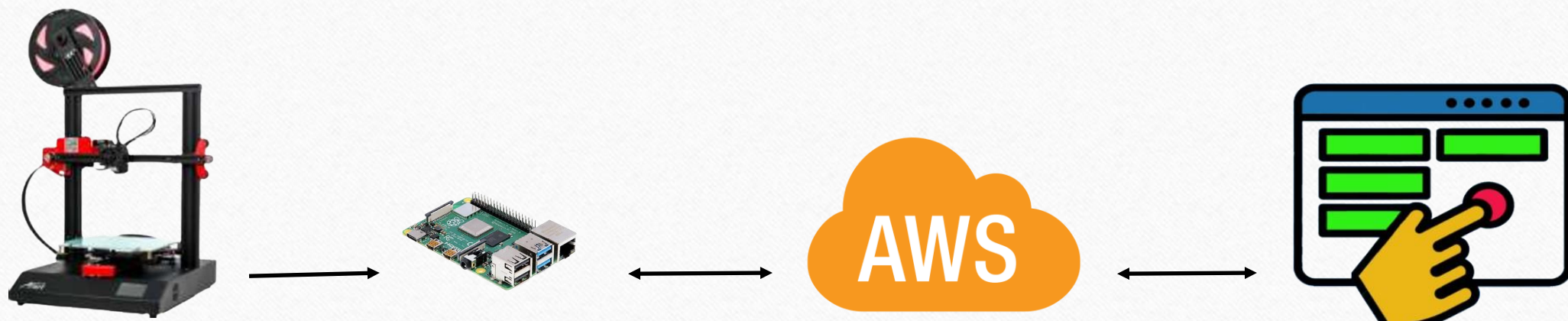
Hur Funkar det ?



Hur Funkar det ?



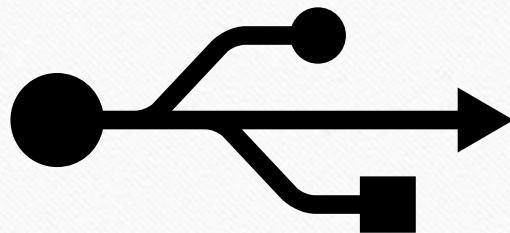
Hur Funkar det ?



Första koppling !

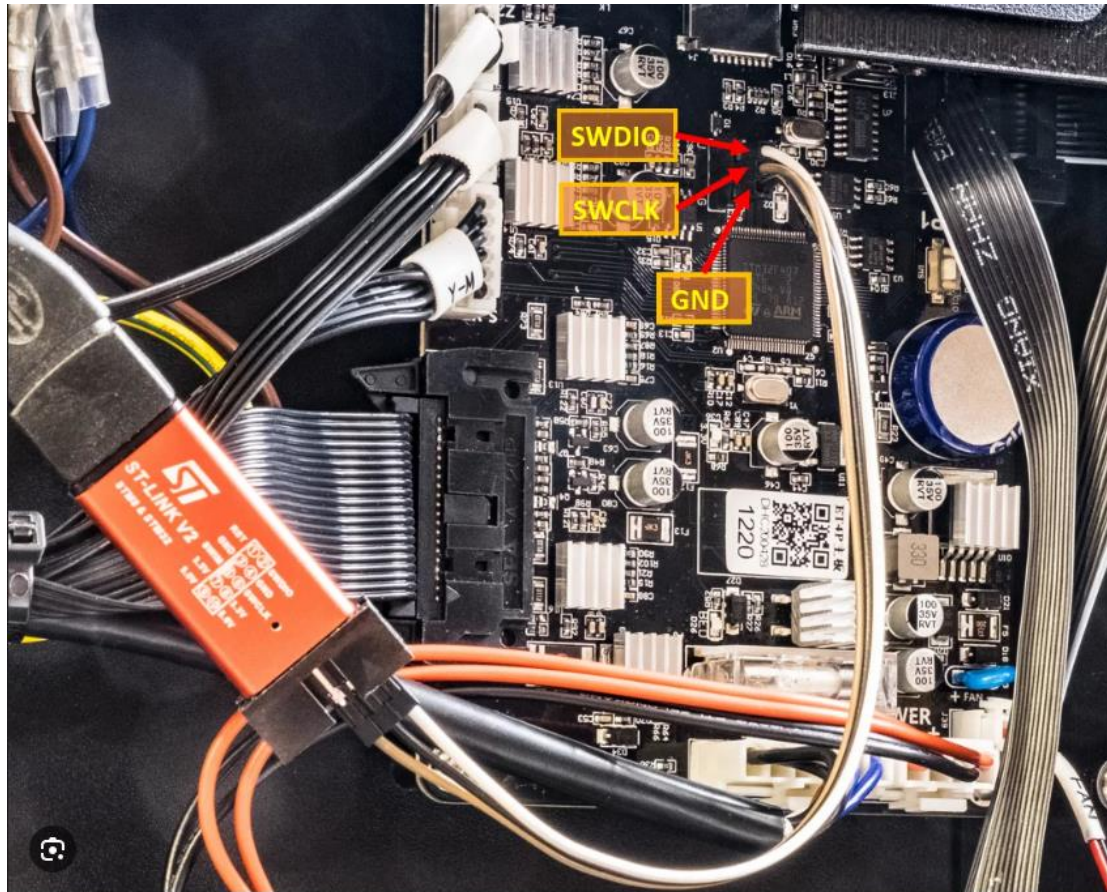


- Klipper
- .bin file
- .hex file



- Kiauh
- Klipper
- Moonraker





STM32 ST-LINK Utility

File Edit View Target ST-LINK External Loader Help

Memory display

Address: 0x08000000 Size: **1** 1024 Data Width: **2** 16 bits

Device Memory @ 0x08000000 : File : Application.elf.hex
Target memory, Address range: [0x08000000, 0x08010240]

Device STM32F42xx/F43xx
Device ID 0x419
Revision ID Rev 1.0
Flash size 2MBytes

Address	0	2	4	6	8	A	C	E	ASCII 3
0x08000000	0000	2002	0381	0800	0325	0800	0331	0800	... %...1...
0x08000010	0339	0800	0341	0800	0349	0800	0000	0000	9...A...
0x08000020	0000	0000	0000	0000	0000	0000	0351	0800Q...
0x08000030	035D	0800	0000	0000	0369	0800	0375	0800].....u...
0x08000040	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x08000050	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x08000060	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x08000070	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x08000080	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x08000090	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x080000A0	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x080000B0	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x080000C0	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x080000D0	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...
0x080000E0	03D9	0800	03D9	0800	03D9	0800	03D9	0800	0...0...0...0...

22:52:09 : ST-LINK SN : 53FF6C066765505152152367
22:52:09 : ST-LINK Firmware version : V2J17S0 (Need Update)
22:52:09 : Old ST-LINK firmware detected!
Please upgrade it from ST-LINK->'Firmware update' menu.
22:52:09 : Connected via SWD.
22:52:09 : Connection mode : Connect Under Reset.
22:52:09 : Debug in Low Power mode enabled.
22:52:10 : Device ID:0x419
22:52:10 : Device flash Size : 2MBytes
22:52:10 : Device family :STM32F42xx/F43xx

Debug in Low Power mode enabled. Device ID:0x419 Core State : Live Update Disabled


```
dir_pin: !PA11
enable_pin: !PA15
microsteps: 16
rotation_distance: 8
```

```
endstop_pin: probe:z_virtual_endstop
```

```
position_min: -3
position_max: 250
```

```
homing_speed: 5
second_homing_speed: 5
```

```
View 'extruder' documentation
```

```
[extruder]
step_pin: PB9
dir_pin: PB8
enable_pin: !PE0
microsteps: 16
full_steps_per_rotation: 200
rotation_distance: 33.683
```

```
heater_pin: PA0
sensor_pin: PA1
sensor_type: EPCOS 100K B57560G104F
min_temp: 0
max_temp: 255
```

```
View 'stepper' documentation
```

```
[stepper_x]
step_pin: PB6
dir_pin: !PB5
```

```
enable_pin: !PB7
microsteps: 16
```

```
rotation_distance: 40
```

```
View 'stepper' documentation
```

```
[stepper_y]
step_pin: PB9
```

```
dir_pin: PB8
enable_pin: !PE0
microsteps: 16
full_steps_per_rotation: 200
rotation_distance: 33.683
```

```
homing_speed: 70
```

```
View 'stepper' documentation
```

```
[stepper_y]
```

```
View 'input\_shaper' documentation
[input_shaper]
```

```
per_type_x: mzv
per_freq_x: 94.0
```

```
tick-on plastic
```

```
per_type_y: 3hun
```

```
per_freq_y: 62.0
```

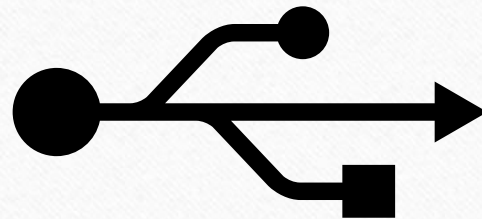
```
lass bed
```

```
aper_type_y: 3hu
```

```
aper_freq_y: 52.
```

Printer config med
markup-sh språk.

Moonraker API på localhost



FRÅGOR ?

Andra koppling !

