

Creality Sonic Pad

Printer.cfg Configuration Tutorial

This document is a tutorial for configuring printer parameters after the printer is upgraded to Klipper firmware

Please refer to the attached printer-model.cfg for parameter configuration

1. Configure Printer.cfg (please open printer-model.cfg with Notepad)

1.1 Printer Information

```
# !Ender-3 S1 printer model
```

```
# printer_size: 230x230x270  Displays information on the Creality Sonic Pad
```

"#" is a comment character, the command will not take effect

1.2 Prohibition of modification

```
####>Do not modify this configuration
```

.....

```
####<Do not modify this configuration
```

The intermediate content is a fixed configuration, please do not modify it

1.3 Printer parameter configuration

```
#####>Please configure according to different printer models
```

```
[stepper_x]
```

```
step_pin: PC2          #pin interface, please consult the motherboard  
                        supplier or check the motherboard information
```

```
dir_pin: PB9
```

```
enable_pin: !PC3
```

```
microsteps: 16         #For related parameters, please refer to other  
                        user configuration or self-configured
```

```
rotation_distance: 40
```

```
endstop_pin: !PA5
```

```
position_min: -5
```

```
position_endstop: -5
```

```
position_max: 245
```

```
homing_speed: 80
```

```
.....
```

```
#####<====Please configure according to different printer models
```

The middle content is the relevant parameter configuration of the printer (motor, hotend, hot bed, etc.), please configure according to the actual model parameters

```
#####>Please select by yourself according to different printer models
```

```
.....
```

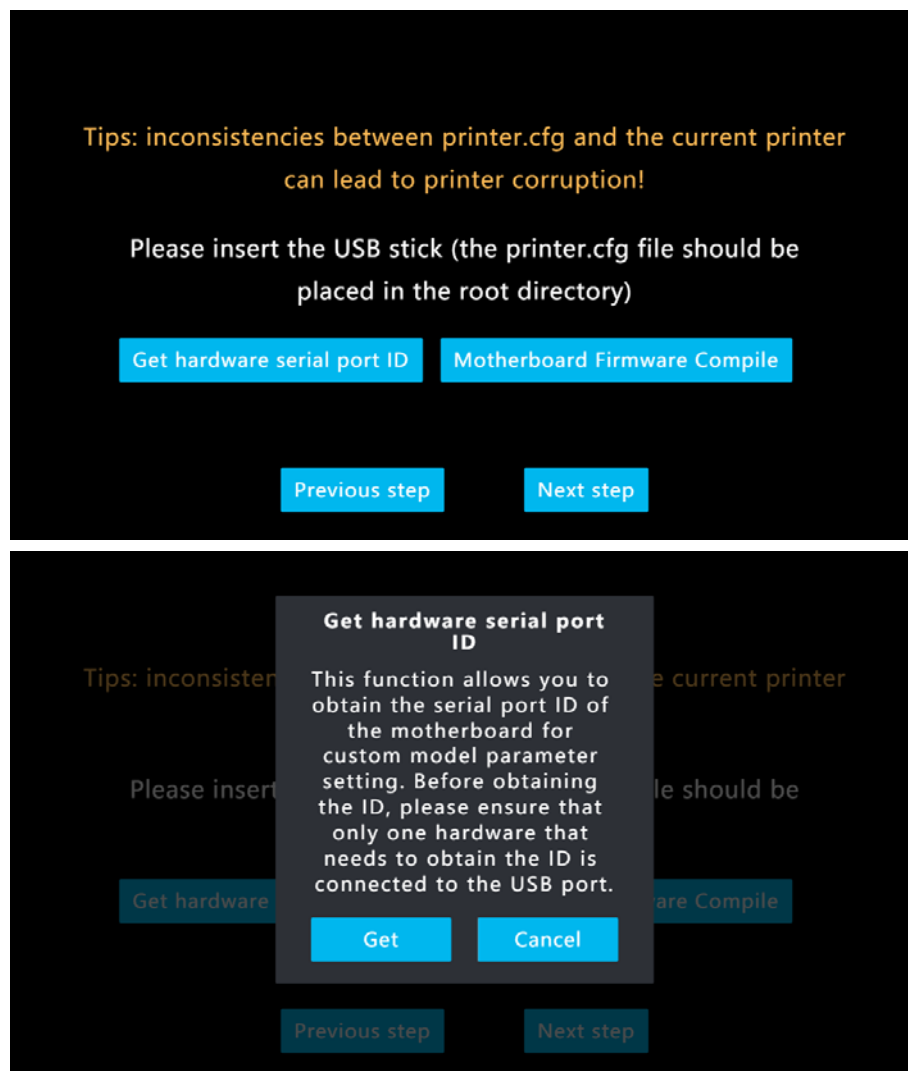
```
#####<====Please select by yourself according to different printer models
```

In the middle are custom added functions (BLtouch, filament_sensor, fan, etc.),
please configure as required

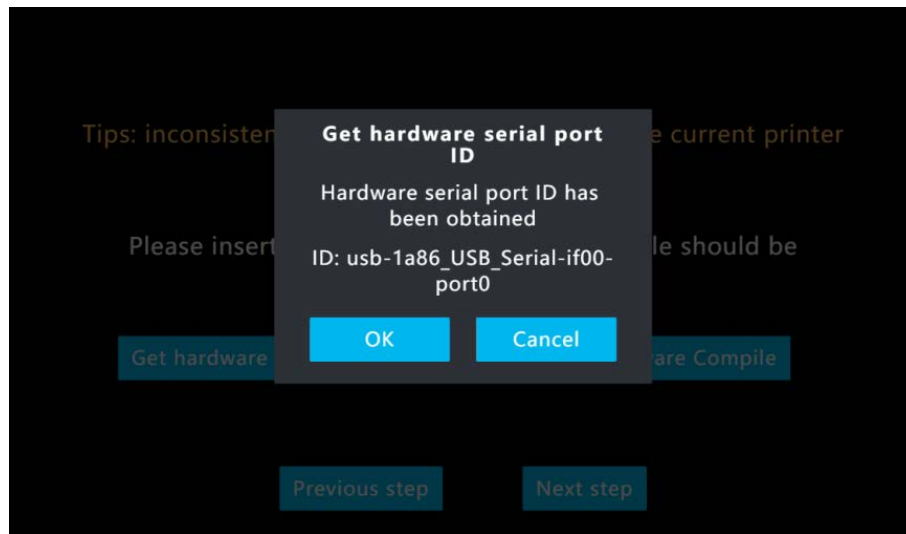
"#" is a comment character, and the command will not be executed. To
execute a command, delete the "#" before the paragraph

1.4 Get hardware serial port ID

Enter other models - get hardware serial port ID



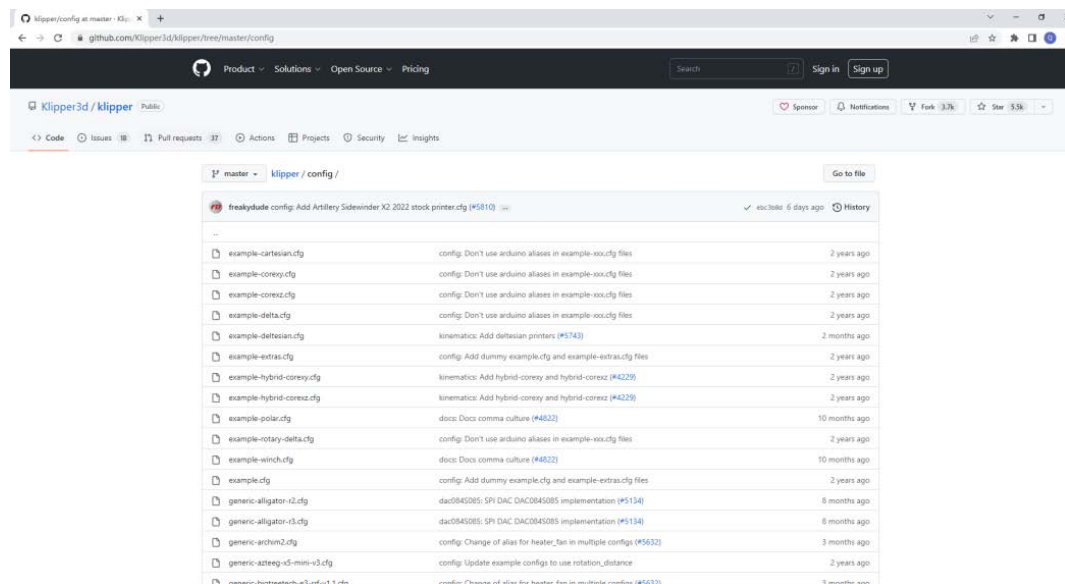
Successfully obtained serial port ID (example)



1.5 Printer Configuration Reference

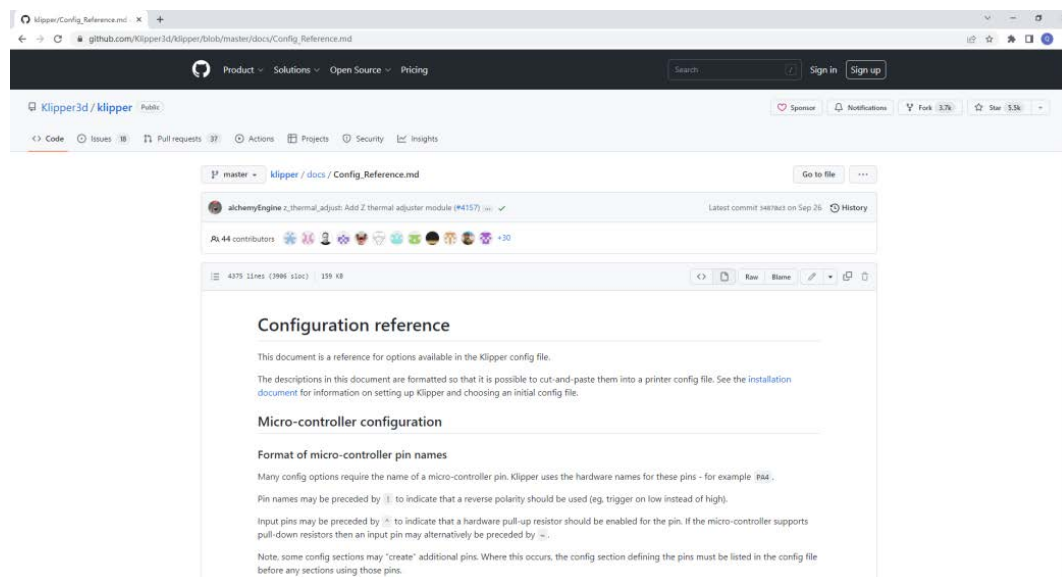
If you do not know the relevant parameters and command configuration of the model, please refer to the following link

1.5.1 <https://github.com/Klipper3d/klipper/tree/master/config>



There are configuration files uploaded by users to the Klipper community in Github, which can be used as a reference. Copy the parameter configuration to printer-model.cfg

1.5.2 https://github.com/Klipper3d/klipper/blob/master/docs/Config_Reference.md



The content of this link is the detailed definition and explanation of the command parameters in printer.cfg, which can be used as a custom configuration reference document

2. Copy to U disk and load to Creality

Sonic Pad

2.1. After configuring printer-model.cfg according to the model, change the file name to printer.cfg (the file name cannot be modified, and Creality Sonic Pad can only recognize the printer.cfg file)

2.2. Copy to the root directory of the U disk, and load the configuration in the custom model of the Creality Sonic Pad according to the operating instructions