

# SeeMeCNC Guides

## DUET Setting up Macros

How to create Macros on the Duet web interface.

Written By: SeeMeCNC

The screenshot shows the Duet web interface for 'Artemis51'. The browser address bar shows '10.73.29.51'. The interface includes a top navigation bar with 'Disconnect', 'Send G-Code...', 'Send', 'Upload & Print', 'Artemis51', 'Idle', and 'Emergency STOP' buttons. Below this are three main panels: 'Tools / Heaters / Extra', 'Temperature Chart', and 'Machine Status'.

The 'Tools / Heaters / Extra' panel contains a table with the following data:

Tool	Heater	Current	Active	Standby
Tool 0 T0	Heater 1 active	25.5 °C	0	0
Tool 1 T1	Heater 1 active	25.5 °C	0	0
Bed	Heater 0 off	22.8 °C	0	

The 'Machine Status' panel contains a table with the following data:

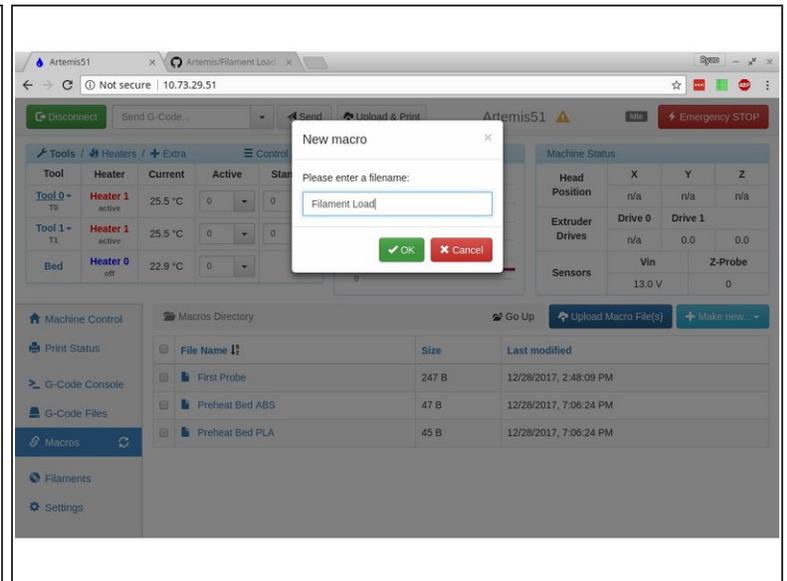
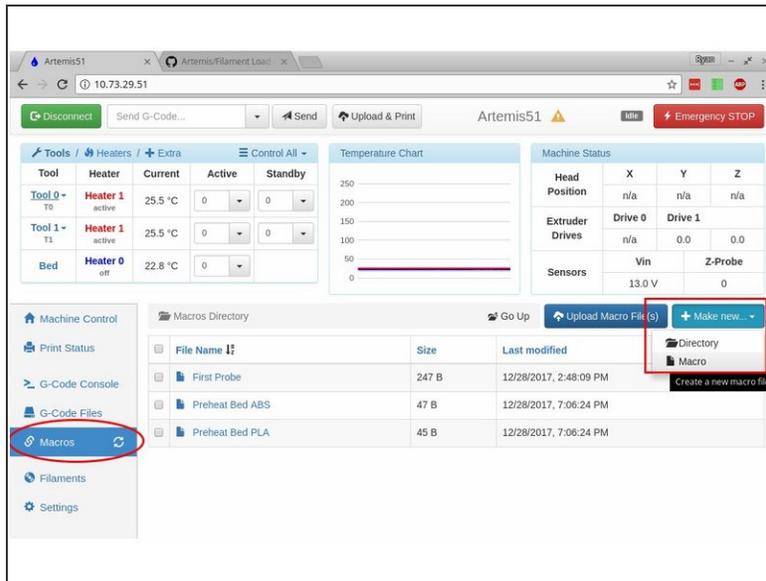
Head Position	X	Y	Z
	n/a	n/a	n/a
Extruder Drives	Drive 0	Drive 1	
	n/a	0.0	0.0
Sensors	Vin		Z-Probe
	13.0 V		0

The 'Macros Directory' panel shows a table of files:

File Name	Size	Last modified
First Probe	247 B	12/28/2017, 2:48:09 PM
Preheat Bed ABS	47 B	12/28/2017, 7:06:24 PM
Preheat Bed PLA	45 B	12/28/2017, 7:06:24 PM

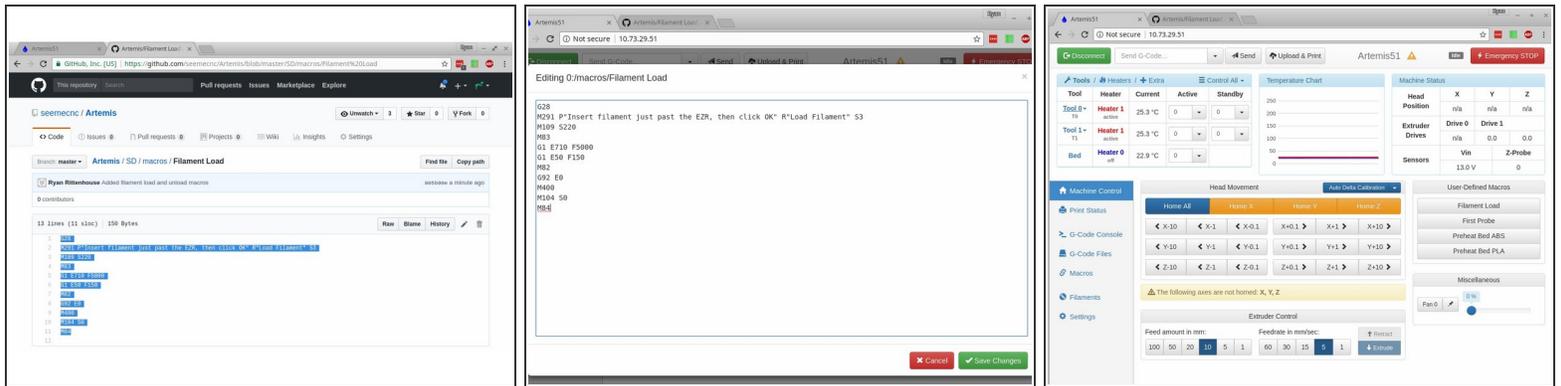
The 'Make new...' button is highlighted with a red box, and a dropdown menu is open showing 'Directory' and 'Macro' options. A tooltip 'Create a new macro file' is visible next to the 'Macro' option. The 'Macros' menu item in the left sidebar is also circled in red.

## Step 1 — Method 1: Copy and Paste



- Click on the "Macros" link on the left of the screen to enter the Macro list.
- Click the button on the right labeled "Make new..." and on the drop down menu that appears, click "Macro".
- You will be prompted to name the macro. Enter a name in the box and click OK.

## Step 2 — Method 1, continued



- If you are getting GCODE for the MACRO from another location (such as the SeeMeCNC Github), select the gcode you want to run when the macro is executed. Right click on the selected text, and click "Copy".
- Right click on the text area for the macro and click "Paste". Make sure all the text is correct, then click "Save Changes"
- The Macro is now available to run from the macro list, or from "Machine Control" tab under "User-Defined Macros"

## Step 3 — Method 2: Uploading a Macro file

The left screenshot shows the Artemis51 web interface with the 'Macros Directory' tab selected. A red circle highlights the 'Upload Macro File(s)' button. The right screenshot shows the 'Machine Control' tab with the 'User-Defined Macros' section visible, showing a list of macros including 'Filament Load', 'First Probe', 'Preheat Bed ABS', and 'Preheat Bed PLA'.

- If you already have your macro saved to a file on your computer, you can upload it directly. (It must be a .gcode file)
- Click on the "Macros" tab on the left, then on "Upload Macro File(s)" on the right.
- Select your macro(s) for uploading.
- They will now be available in the macro list and under "User Defined Macros" on the Machine Control tab.