Sketch CNCJoystick

All replies from the CNCJoystick starts with ;

If the replies are sent to the CNC machine, it shouldn’t cause anything because this is a comment

* Reply after sketch startup:

;CNCJoystick, Jan 2 2017

* Reply after an Error:

;ERROR

* Writing configurations values:

maxspeedfast in mm/min, default 3000

maxspeedslow in mm/min, default 400

interval sending interval of analog stick, in ms, default 200

count assign a value will reset counters

Examples

maxspeedfast=500 set the maxspeed to 500 mm/min

* Reading values:

Button 1: ;btn1:0

Button 2: ;btn2:0

Button 1 with shift-key: ;btn1s:0

Button 1 with control-key: ;btn1c:0

Button 1 with shift & control-key: ;btn1sc:0

The number after the colon represents the press count of the button.

Please remark, the counts are distinguished between shift, control , …

* Analog

X/Y

Z/A with shift-key