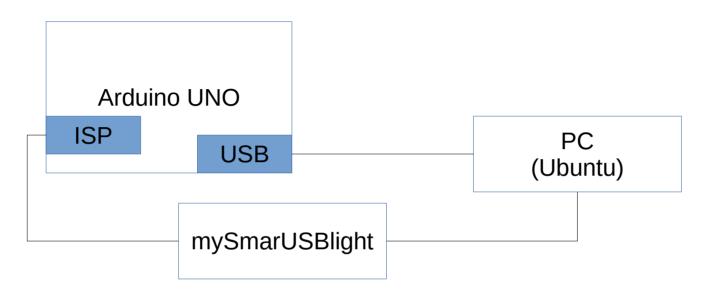
The setting 11-02-2023



Question: If I have a Arduino IDE and a Arduino UNO, I want to be flexible in the way of programming it.

For example I want to use mySmartUSB light programmer or my USB cable connected to the 8u2 Chip on the UNO-Board.

Questions I couldn't reach my arduino anymore with USB:

Reason: When programming with ISP you overwrite the Bootloader.

For uploading again a bootloader you can use the mySmartUSB ligth and upload it with avrdude. Then the Arduino is again reachable

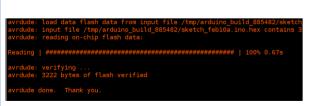
Option1:

Program Sketch with ISP



,Hochladen mit Programmer'





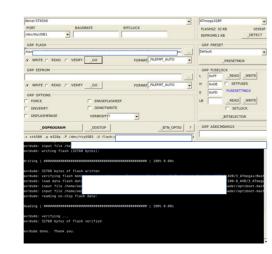
Option 2:

Programm Sketch with USB

1.) Make sure to program a bootloader onto Arduino

← **error** with no bootloader

You can download **optiboot** and flash it with ISP onto Arduino



2.) For USB-upload just choose the right port. The "programmer " is not important

11-02-2023

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Datei B <u>e</u> arbeiten <u>S</u> ketch	Werkzeuge <u>H</u> ilfe		
	Automatische Formatierung	Strg+T	
	Sketch archivieren		
sketch_feb10a	Kodierung korrigieren & neu laden		
TM1637Display disp	Bibliotheken verwalten	Strg+Umschalt+I	
loat duration; // loat d_cm; .ong numDisplay=100; oolean trigDom = loat counterPushUp=	Serieller Monitor	Strg+Umschalt+M	
	Serieller Plotter	Strg+Umschalt+L	
	Board: "Arduino Uno"		
		-	
	Boardinformationen holen		
oid setup() {	Programmer: "mySmartUSB"	+	
	Bootloader brennen		
pinMode(resetPin,I	NPO1_FOLLOFY;		
delay(500);			
ochladen abgeschlossen			
vrdude: load data f	lash memory against /tmp/ard lash data from input file /t /tmp/arduino build 885482/sk	mp/arduino_buil etch_febl0a.ino	.d_885482/sketch_feb10a.ino.hex: .hex contains 3222 bytes
vrdude: verifying .			
rrdude: 3222 bytes	of flash verified		