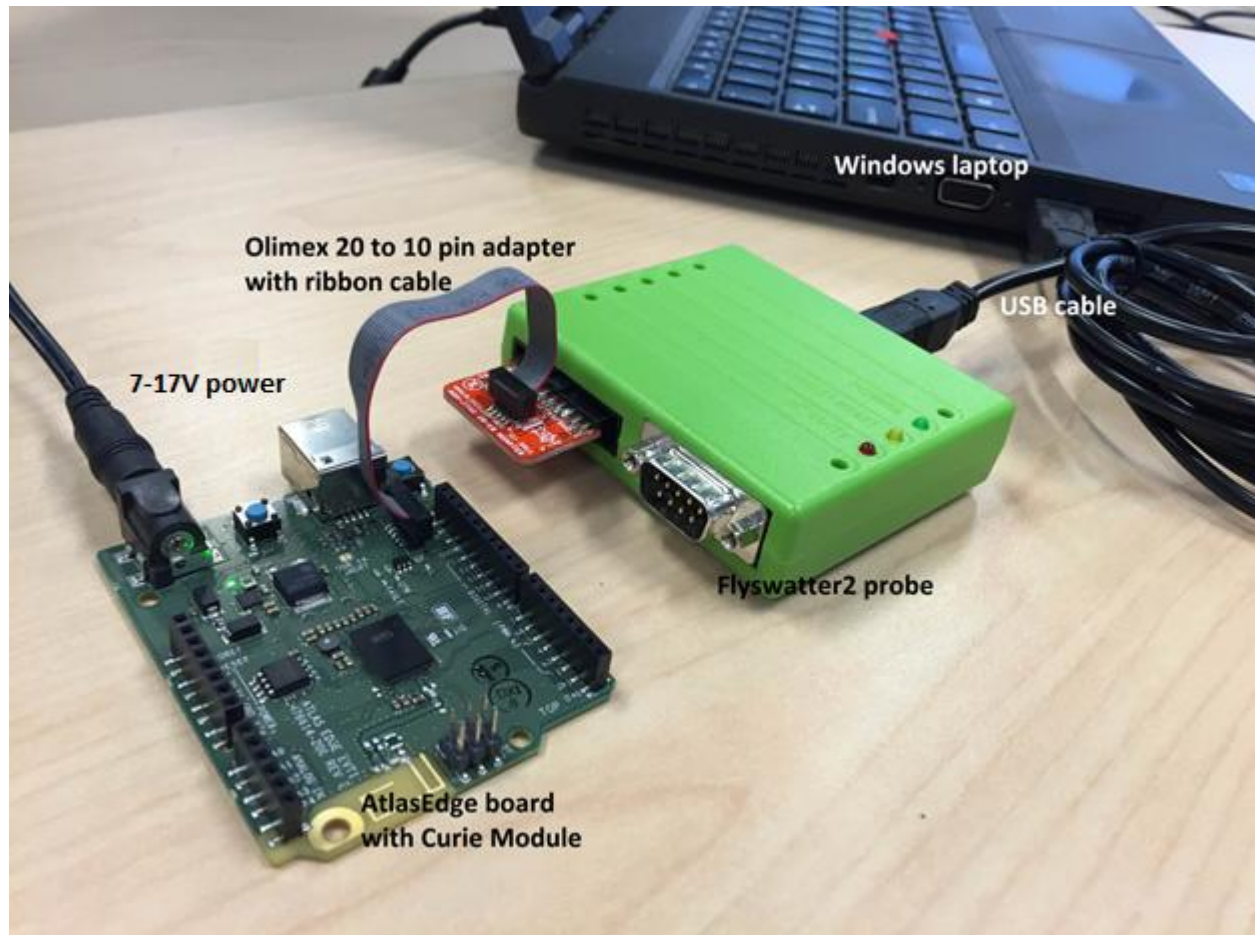


AtlasEdge firmware update over Flyswatter JTAG probe on Windows

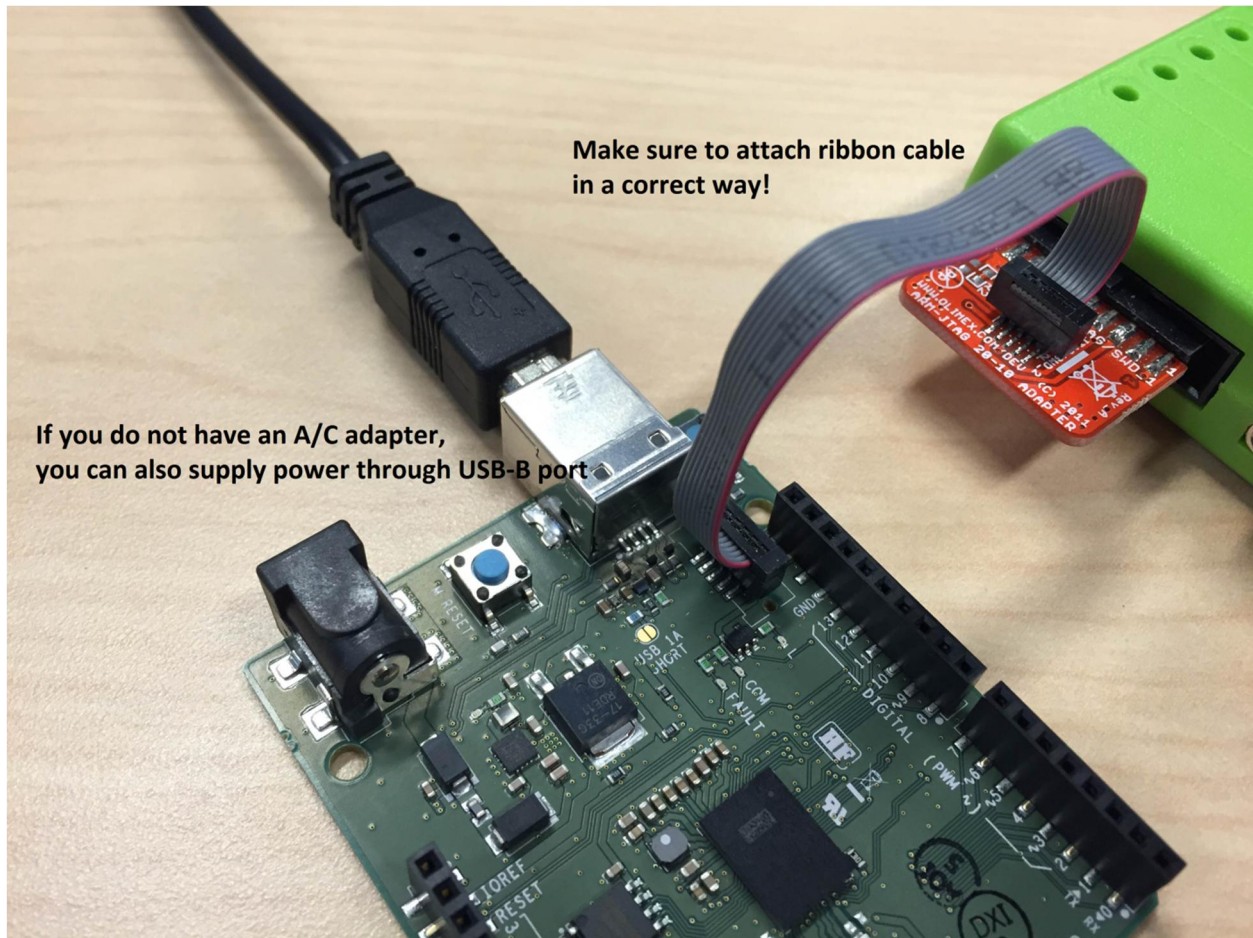
1. Connect all wires as shown on the picture



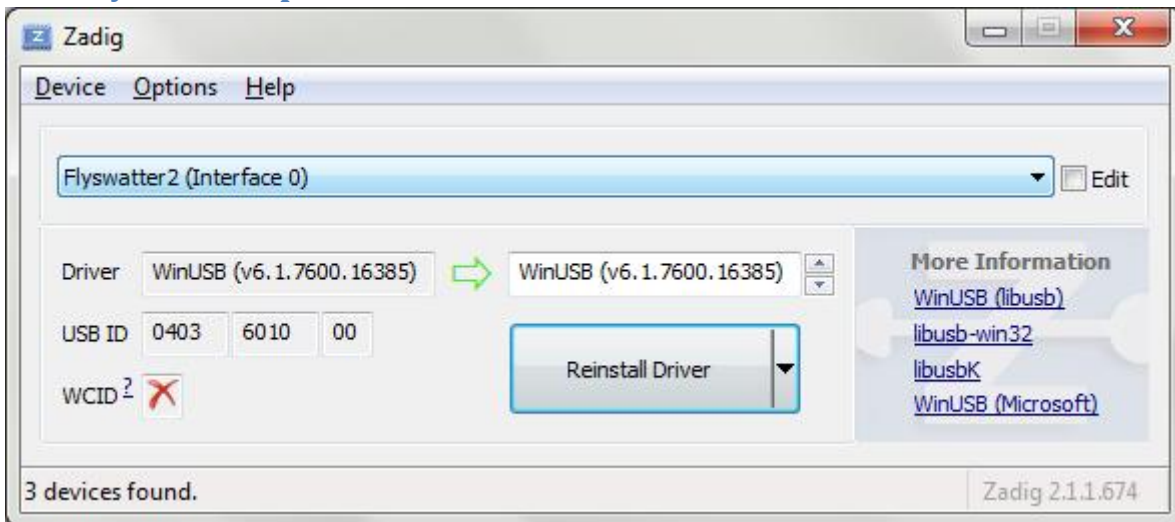
Components listing:

- Windows laptop
- Flyswatter2 JTAG probe with USB cable
- Olimex 20 to 10 pin adapter with ribbon cable
- AtlasEdge board with 7-17V power supply (or USB-B cable)

Make sure to attach ribbon cable in a correct way, as shown on the photo!



2. Install Flyswatter2 probe drivers:

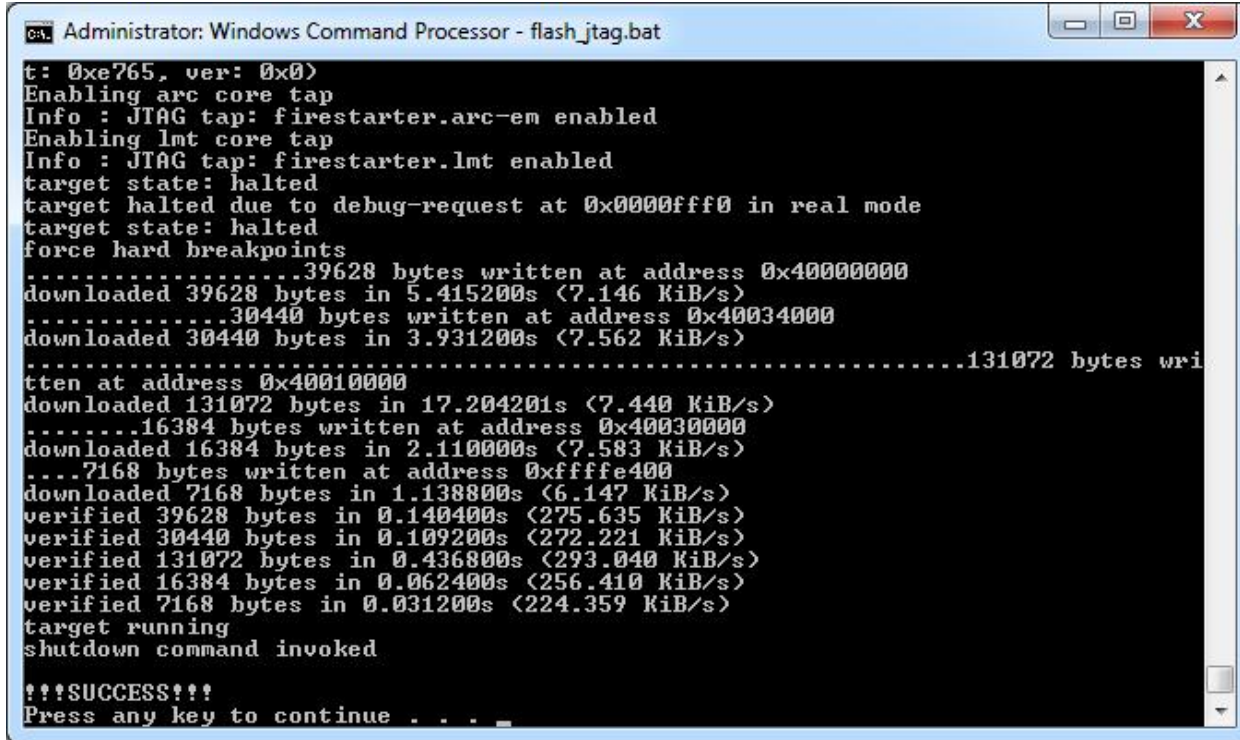


- Plug in Flyswatter2 probe to the host
- Go to bin\ directory, run "zadig_2.1.1.exe".
- Options > List all devices.
- Select your probe (Flyswatter2), pick WinUSB and hit Reinstall Driver; do it for Interface 0 and Interface 1.
- Close zadig and **REPLUG YOUR PROBE!**

3. Flash the firmware

- a. Download and extract the latest firmware release and extract it
- b. In the extracted `atlasedge_flasher` directory, run the flashing script:
 - **Windows:** Execute (double-click) **flash-jtag.bat** in order to flash production image.
 - **Linux:** Run **flash-jtag.sh** in order to flash production image
 - **OSX:** Not supported

That's how successful flash looks like



```
Administrator: Windows Command Processor - flash_jtag.bat
t: 0xe765, ver: 0x0>
Enabling arc core tap
Info : JTAG tap: firestarter.arc-em enabled
Enabling lmt core tap
Info : JTAG tap: firestarter.lmt enabled
target state: halted
target halted due to debug-request at 0x0000fff0 in real mode
target state: halted
force hard breakpoints
.....39628 bytes written at address 0x40000000
downloaded 39628 bytes in 5.415200s (7.146 KiB/s)
.....30440 bytes written at address 0x40034000
downloaded 30440 bytes in 3.931200s (7.562 KiB/s)
.....131072 bytes written at address 0x40010000
downloaded 131072 bytes in 17.204201s (7.440 KiB/s)
.....16384 bytes written at address 0x40030000
downloaded 16384 bytes in 2.110000s (7.583 KiB/s)
....7168 bytes written at address 0xffffe400
downloaded 7168 bytes in 1.138800s (6.147 KiB/s)
verified 39628 bytes in 0.140400s (275.635 KiB/s)
verified 30440 bytes in 0.109200s (272.221 KiB/s)
verified 131072 bytes in 0.436800s (293.040 KiB/s)
verified 16384 bytes in 0.062400s (256.410 KiB/s)
verified 7168 bytes in 0.031200s (224.359 KiB/s)
target running
shutdown command invoked

!!!SUCCESS!!!
Press any key to continue . . . _
```