SUBJECT: The Things Node & UNO installation problems

I have recently ordered "THE THINGS NETWORK KIT" and have successfully installed the Gateway.

However, have serious difficulties to get the 'Deviceinfo' program up & running.

These are well known issues and a many people spending a lot of effort to get it fixed.

On one of my windows 8 Pro computers, the port was disabled, when trying the upload, the sketch. This computer works fine when making use of standard Arduino & Raspberry HW.

I have reinstalled all SW to another Windows 7 Pro computer, there the COM1 is active. However same kind of upload problems. Even after installing the FDTI AVR drivers.

Also, did make use of troubleshooting guidelines: "Bricked' procedure. Without success.

Looking forward for getting the golden tips & to make it a Plug & Play installation. So, it can be used in STEM school environment.

Have set preferences Verbose upload ON: Upload is starting to make use of COM1:

 Howeve,r get still an error: programmer not responding

Annex: screen shots
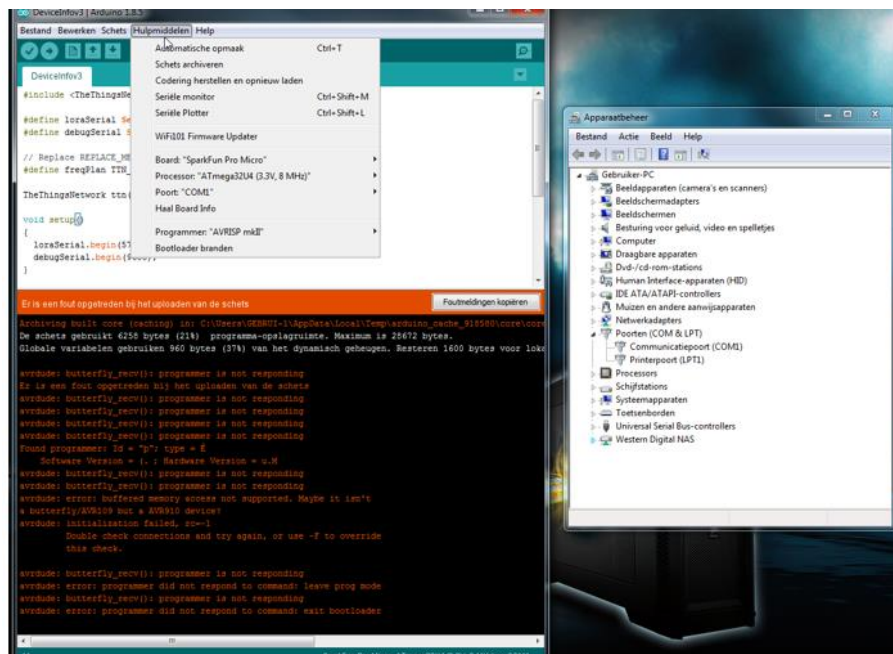
Install problems with
The Things Node & UNO

Avrdue: butterfly_rcv():
programmer is not responding

Also with Bricked procedure ,
still not working

Bestand Bewerken Schets Hulpmiddelen Help

DeviceInfov3

```
#include <TheThingsNetwork.h>
```

de geselecteerde seriële poort bestaat niet of uw board is niet aangesloten.   Foutmeldingen kopiëren

```
PORTS {COM1, } / {COM1, } => {}
PORTS {COM1, } / {COM1, } => {}
PORTS {COM1, } / {COM1, } => {}
PORTS {COM1, } / {COM1, } => {}
PORTS {COM1, } / {COM1, } => {}
Uploading using selected port: COM1
C:\Program Files (x86)\Arduino\hardware\tools\avr\bin/avrdude -CC:\Program Files (x86)\Arduino\hardware\tools\avr/etc/avrdude.conf -v

avrdude: Version 6.3, compiled on Jan 17 2017 at 12:00:53
         Copyright (c) 2000-2005 Brian Dean, http://www.bdmicro.com/
         Copyright (c) 2007-2014 Joerg Wunsch

         System wide configuration file is "C:\Program Files (x86)\Arduino\hardware\tools\avr/etc/avrdude.conf"

         Using Port                    : COM1
         Using Programmer              : avr109
         Overriding Baud Rate          : 57600
         AVR Part                      : ATmega32U4
         Chip Erase delay              : 9000 us
         PAGEL                         : PD7
         BS2                           : PA0
         RESET disposition             : dedicated
         RETRY pulse                   : SCK
         serial program mode           : yes
         parallel program mode         : yes
         Timeout                       : 200
         StabDelay                     : 100
         CmdexeDelay                   : 25
         SyncLoops                     : 32
         ByteDelay                     : 0
         PollIndex                     : 3
         PollValue                     : 0x53
         Memory Detail                 :

                           Block Poll                Page                    Polled
           Memory Type Mode Delay Size  Indx Paged   Size  Size #Pages MinW  MaxW  ReadBack
           ----------- ---- ----- ----- ---- ------  ----- ---- ------ ----- ----- ---------
           eeprom       65   20    4     0 no     1024    4      0 9000  9000 0x00 0x00
           flash        65   6   128     0 yes   32768  128    256 4500  4500 0x00 0x00
           lfuse         0   0     0     0 no        1    0      0 9000  9000 0x00 0x00
           hfuse         0   0     0     0 no        1    0      0 9000  9000 0x00 0x00
           efuse         0   0     0     0 no        1    0      0 9000  9000 0x00 0x00
           lock          0   0     0     0 no        1    0      0 9000  9000 0x00 0x00
           calibration   0   0     0     0 no        1    0      0    0     0 0x00 0x00
           signature     0   0     0     0 no        3    0      0    0     0 0x00 0x00

         Programmer Type : butterfly
```
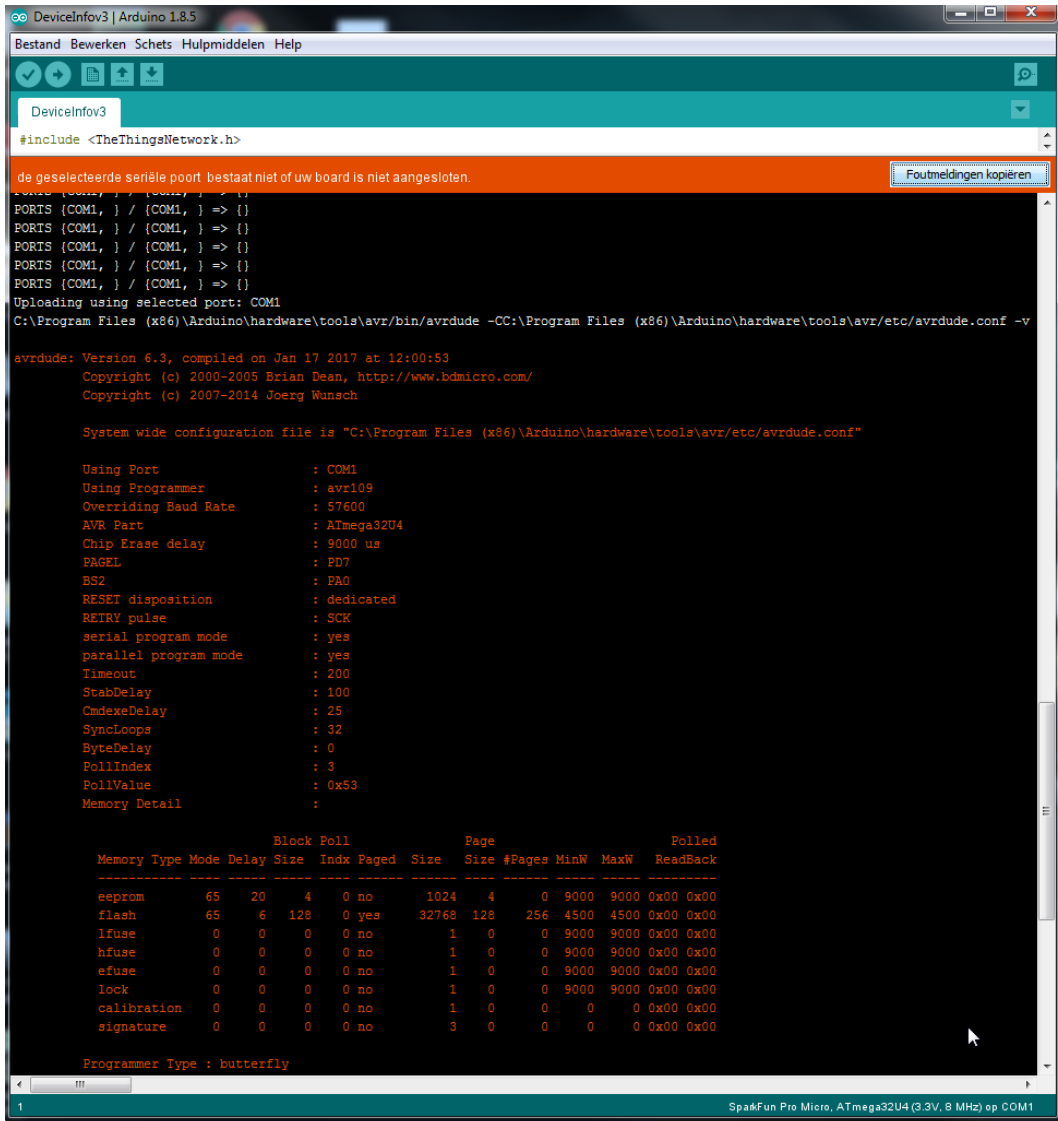
1   SparkFun Pro Micro, ATmega32U4 (3.3V, 8 MHz) op COM1

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Foutmeldingen kopiëren

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                  efuse         0    0    0     0 no       1    0     0 9000 9000 0x00 0x00
                  lock          0    0    0     0 no       1    0     0 9000 9000 0x00 0x00
                  calibration   0    0    0     0 no       1    0     0    0    0 0x00 0x00
                  signature     0    0    0     0 no       3    0     0    0    0 0x00 0x00

                  Programmer Type : butterfly
                  Description     : Atmel AppNote AVR109 Boot Loader

Connecting to programmer: .avrdude: butterfly_recv(): programmer is not responding

avrdude: butterfly_recv(): programmer is not responding
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avrdude: butterfly_recv(): programmer is not responding
Found programmer: Id = ")"; type = @
    Software Version = ¬.t; Hardware Version = ".ð
avrdude: butterfly_recv(): programmer is not responding
avrdude: butterfly_recv(): programmer is not responding
avrdude: error: buffered memory access not supported. Maybe it isn't
a butterfly/AVR109 but a AVR910 device?
avrdude: initialization failed, rc=-1
        Double check connections and try again, or use -F to override
        this check.

avrdude: butterfly_recv(): programmer is not responding
avrdude: error: programmer did not respond to command: leave prog mode
avrdude: butterfly_recv(): programmer is not responding
avrdude: error: programmer did not respond to command: exit bootloader

avrdude done.  Thank you.


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