



Arduino upload programmer is not responding

Every time I try to program Arduino UNO Rev.3, I see the following error avrdude: stk500_recv(): the programmer does not respond to avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching avrdude: stk500_getsync() company 1/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer is not matching 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match avrdude: stk500_getsync() company 9/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer does not match avrdude: stk500_getsync() company 9/10: not synchronized: resp=0x00 avrdude: stk500_recv(): the programmer synchronized: resp=0x00 When I plug this in, I see a power light. Cables other than USB are not connected. I have another Arduino UNO that works well when I download a draft (I use a basic blink draft). How do I solve this? What kind of problem could it be? Environment: Mac (macOS Catalina 10.15.2) Visual Studio code on the latest platformio expansion disk: Nanoclon My platformio.ini: [env:nanoatmega328] platform = atmelavr board = nanoatmega328n new frame = Arduino monitor speed = 115200 When I try to flash my recently arrived Ardu Nanoino board, get (verbal is on): building .pio/build/nanoatmega328/firmware.hex Advanced Memory Usage is available at PlatformIO Home & gt; Through Project Inspect data: [====] 39.7% (814 diamonds used from 2048 ti) PROGRAM: [=====] 96.4% (29614 t ti ti used from 30720 t) Setting the download protocol... AVAILABLE: arduino CURRENT: upload protocol = arduino Looking for a charging port... Automatically detected: /dev/cu.usbserial-14640 Charging .pio/build/nanoatmega328/firmware.hex avrdude: AVR device formatted and ready to accept instructions Reading not respond to avrdude: stk500 recv(): the programmer does not match the avrdude: stk500 recv(): the programmer does not respond As you can see, synchronization works at the beginning and also typing at the end of the ## avrdude... error appears. If I just flash the blinker sketch, it works, but if I flash my design, it fails The code I flashed is quite a large 96.4% used, could that be a problem? However, it flashes correctly in the other (clone) sign marker. I've already tried the following things: board = nanotmega328 (so not new) Help is appreciated (otherwise I think the 5 nanos I bought are in the trash...) I just commented on a bunch of code so that PROGMEM was only 76% used (and not 96%) And now I'm downloading it! What's going on here? it should work up to 96%, because it is not a full no? hixfield: it should work up to 96%, because this is not a full no? For Flash, yes, because it is responsible for writing firmware from the UART/COM port to encrypt. It may have a strange or old boot loader that does not allow maximum size. It should only reserve the first 2KB flash for itself, making 30,32KB flash for the user (. I'm trying to see when the boot charger fails with my older Arduino Nano clone. I'm trying to burn a new boot charger with Arduino ide. I couldn't find a way to get any version of the installed boot loader. But I can see if it has a WDT reset problem (then it would be old). I've never smoked a new one before... fingers crossed 1 Like I burned a new bootable charger into a nano (using Arduino IDE + Arduino as an ISP cfr I had to use the cap 1uF instead of 10-100uF, as the article said for the RESET post). I can now successfully flash the nano with my large 96% PROGMEM draft. It must have been some weird boot chargeer installed on Nano clones! 1 As unfortunately, the firmware flashes (using arduino IDE) is an old one with a watchdog error (keeps burning when the watchdog starts). Where can I find a new nanoboot charger? I was wrong about the old shoe charger. If you choose Arduino IDE: Tools -> ATMega328P: it burns a new bootable download Tools -> Processor -> ATMega328P : you guessed it, then it burns the old case shut! 1 Like It seam old bootloader is able to flash 96% PROGMEM (but then WDT not working) and the new bootloader does not! No matter which draft I open or create, from any source, it doesn't load with a whole bunch of errors. Here's an excerpt from them: The system-wide configuration file is Files Port usage : COM3 Using the programmer: bypassing arduino Baudl Price : 115200 avrdude: stk500_recv(): programmer not responding avrdude: stk500_getsync() company 1/10: not synchronised: resp=0xc6

avrdude: stk500 recv(): programmer not answervrdude: stk500 getsync() company 3/10: resp=0xc6 etc. I investigated this link: Problem loading on board. See for suggestions. But he couldn't find a solution. I read several messages about this, but most of the answers were above my head. I'm an Arduino novice, and I'd appreciate some help. Most confusingly, I have successfully completed this draft before on another computer. But a re-attempt today that gave me the same frustrating result! Terry, East Grinstead, UK I will read your previous posts and start your release.... When you use XP and its old USB ports and use new software like Arduino IDE 1.8+, you will run into problems and cause yourself heartache. You are just getting started - use the associated hardware that is in line with the software. Also use good cables and clean the installations completely when you need to do them again. People (including me) can still use Arduino IDE with XP, but it can be a job. Thank you for a guick and helpful answer, Raymond. The current problem is with UNO, which uses IDE 1.8.9 with COM3 on my Win 10 computer. I last used the board yesterday on my XP (SP3) computer, also under IDE 1.8.9. Whatever I download, I get similar messages. I have done all the obvious things like disconnecting, replacing USB ports (Arduino COM stays in 3), restarting, reset button/restart/etc. It's still the same thing. The previously downloaded draft (on my XP computer) just goes on. Does this mean that my UNO is somehow corrupted? If not, how should I proceed to restore normal operations? Is it a USB3 port? If so, connect it to another port. It is unlikely that your UNO clone is corrupted. It is more likely that [you are] dealing with multiple disadvantages in the operating system. Search it and you may get tips.... Last modified: May 26, 2019 If you are using Windows XP, you and clone uno windows XP do not have a driver for clones that you need to install. If you are using Windows XP, you and the clone uno Windows XP do not have a clone driver, you must install them. The current problem is that UNO uses IDE 1.8.9 with COM3 on my Win 10 computer. I last used the board yesterday on my XP (SP3) computer, including under IDE 1.8.9. I use Xp and 1.8.8, too. IDE Version... At home, I use win10: without any problems at all... The only thing I've noticed is that IDE now serves many different records... IDE no longer automatically detects ardunio. If you press the tool menu to retrieve the table data and restored, then the table is not recognized... Is the board in com3? This is usually not the port chosen by USB devices... The tool menu has a port menu item... My version is 1.8.8. I'm not updating yet as I have the pic32 option and the MK66 option. Until these cores are updated, I'll stay where I am. What board do you use? Is it the original UNO or the clone? Thank you, Ian, appreciate all the practical help I can get. This is so frustrating because I have previously done many sketches on both my XP (shed) computer. Yet right now, both are giving the same problem. My board is elegoo clone Elegoo UNO R3 with ATMEGA328P chip. The board (Arduino/Genuino Uno) and port (COM3) are set correctly. But if it's relevant, the error messages I reported in my opening message include a line of Using Programmer: arduino, although under Tools > Programmer, I see 'AVRISPmkII'. And there is no entry in the drop-down list, which is exactly one word arduino. I have just returned an hour or two after reintalling IDE on an XP computer without joy. I've tried both 1.89 and 1.06. BTW, for both of me, it takes compatibility mode to set it to Windows 2000 (I have no idea why).. Did you use an unintended installation, for example, or did you use an alternative method that I understand requires drivers to be installed manually? No drivers for ch340 usb series are installed with the help of ch340 usb in the series Thank you, but as mentioned, I am an Arduino novice and do not understand what you mean. Are you saying I'm using a port called ch340 for USB series? And that the instructions I follow (from the PDF included in Elegoo UNO 3) are somehow incomplete? I'm willing to try anything. Can you tell me exactly how I should test your proposal? Using Win 10 Remove all Bluetooth receivers. Disable your antivirus completely. Connect the clone to a USB 2.0 port that has been modified to add: run Arduino IDE [File -> examples -> 01.Basic -> Set Blink verbose mode [File-> preferences -> check both boxes, downloading and translating] modified to add: Try downloading draft Copy that long data string scrolling at the bottom of the panel/window, to a txt file to message Last edited: May 27, 2019 He has a clone of 90% use ch340 usb for series Arduino ide doent does not have that guide windows driver You need to install it yourself He has a clone 90% use ch340 usb series Arduino ide doent on thst guide windows do not have that controller You need to install it yourself See Elegoo Uno R3, it seems to have a genuine ATMEL16U2 with USB, so its behave in exactly the same way as the original UNO R3. suspect it's using the CH340. I'd try. I'd try. cable and try another port... USB cables are terrifying cables and prone to destabilize... If you connect Arduno or a clone, you should still hear a USB connection sound or at least a message saying Failed. I believe his board is using an FTDI controller. He bought this documents he downloaded or escorted to disk have a pdf file with specific instructions on how to install the driver on Win 10. This pdf is in the English subfolder and is called ELegoo UNO R3, MEGA, DRIVER FAQ.pdf.pdf including double .pdf.pdf I'm looking at it now. The instructions are step-bystep. @Terrypin if you haven't done it yet, do it now. If you've followed them, I hope you follow the instructions in my post #11 log. If you're comfortable going to device management, it would also be helpful to know what it sees there... whether there is Arduino Uno etc. I don't think IDE communicates with the board. Either you haven't installed the driver or Win 10 won't let you use it or be otherwise confused... see post #11. Thanks to both of you. As mentioned, this is a sudden problem. I installed exactly like a PDF and then successfully completed several tutorials in Arduino, Elegoo, and Simon Monk book. The problem started with the XP computer and I came to the house to use Win 10, but dismayed that it is the same as well. I follow the steps you suggested, Raymond, but right now I'm worried that the system restore I started 10 minutes ago will never stop - a new problem! I have read around 50 posts in the last two days and have already ordered a new UNO 3 government from Amazon UK in despair. These UN and even clones are hard to break, not impossible, but not easy to do what you have done. It's much more likely that WIN 10 is a jerk. Continue with recovery and other steps. Chances are in a few days you'll have two UN's and they'll both work. Hang in there! Elegoo Uno R3 clones Ts is a driver problem is with drivers and the incorrect posting of clones manufacturers I have seen a lot of unsatisfactory to get something else. And is Elegoo Uno R3 with ch340 or Google said it was. I have no idea what TS has, but I know he has a driver problem. I just did a clean installation on Windows XP on the computer, where I use the new USBScope in I for fun, I installed Arduino 1.8.9 in the XP box I got the same error that TS has on the nano that appeared on comport 3, but that wasn't it. then I got the mistake of guessing what this The cloned nano uses an old loader, so the avrdude still couldn't find it. Changed the setting to use the old boot loader, and it loads well. Windows 10 translates the driver signature in each update, which can also be a TS problem in Windows 10. In Xp, I had to let it install unsigned drivers. For both FDTI and ATMega16U2 chip and ch340 about 6 clicks that told me it was OK to use them in Windows 10 I had to turn off login off. And Ubuntu I wasn't supposed to do anything, it loads them right out of the box. @be80be can I make a diagnosis with the described behavior? The board was still in office a few days ago! The cable is OK (I found a replacement for testing it.) COM3 is reported consistently. And an identical problem occurs on two computers. Open the device manger and then open the ports and submit a screenshot It should just look like this, it should show which chip you use for USB for the series Last modified: May 27, 2019 Page 2 These UNOs and even clones are hard to break, not impossible, but not easy to do what you've done. It's much more likely that WIN 10 is a jerk. Continue with recovery and other steps. Chances are in a few days you'll have two UN's and they'll both work. Hang in there! ~After 30 minutes, I manually restarted win 10 and received a message that the restore was not completed. I took your step. (Except not BlueTooth and I don't know how easily to stop Defender - the unlikely culprit anyway in the IMO). Here's the obscure and very long 'error messages' text: Arduino: 1.8.9 (Windows 10), Board: Arduino/Genuino Uno C:\Program Files (x86)\Arduino\arduino-builder -dump-prefs -logger=machine -hardware C:\Program Files (x86)\Arduino\hardware -tools C:\Program Files (x86)\Arduino\tools-builder -tools C:\Program Files (x86)\Arduino\hardware\tools\avr -built-in-libraries C:\Program Files (x86)\Arduino\libraries C:\Program Files (x86)\Arduino\libraries -libraries C:\Program Files (x86)\Arduino\libraries -libraries C:\Program Files (x86)\Arduino\libraries C:\Program Files (x86)\Ardu version=10809 -build-path C:\Users\terrv\AppData\Local\Temp\arduino build 804316 -warnings=none -build-cache C:\Users\terrv\AppData\Local\Temp\arduino cache 767280 -prefs=build.warn data percentage=75 -prefs=runtime.tools.arduinoOTA.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.avrdude.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.avrdude.6.3.0-arduino14.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools\avr -prefs=runtim C:\Program Files (x86)\Arduino\arduino-builder -compile -logger=machine -hardware C:\Program C:\Program (x86)\Arduino\hardware -tools C:\Program Files (x86)\Arduino\hardware -tools C:\Program Files (x86)\Arduino\tools-builder libraries C:\Users\terry\Documents\Arduino\libraries -fgbn=arduino:avr:uno -vid-pid=0X2341 0X0043 -ide-version=10809 -build-path C:\Users\terry\AppData\Local\Temp\arduino build 804316 -warnings=none -build-cache C:\Users\terry\AppData\Local\Temp\arduino cache 767280 prefs=build.warn_data_percentage=75 -prefs=runtime.tools.arduinoOTA.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.arduinoOTA-1.2.1.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.arduino\hardware\tools\avr -prefs=runtime.tools\avr -prefs=runtime (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.avr-gcc.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -prefs=runtime.tools.avr-gcc.5.4.0-atmel3.6.1-arduino2.path=C:\Program Files (x86)\Arduino\hardware\tools\avr -verbose C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\avr Ydin'arduino\avr Ydin'arduino\avr Ydin'arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink.ino Using board 'uno' from platform in folder : C:\Program Files (x86)\Arduino\examples\01.Basics\Blink\Blink (x86)\Arduino\hardware\arduino\avr Käytettyjen kirjastojen tunnistaminen... C:\\Program Files (x86)\\Arduino\\hardware\\tools\\avr/bin/avr-g++ -c -g -Os -w -std=gnu++11 -fpermissive -fno-exceptions -ffunction-sections -fdata-sections -fno-threadsafe-statics -Wno-error=kavennus -flto -w -x c++ -E -CC mmcu=atmega328p -DF CPU=16000000L -DARDUINO=10809 -DARDUINO AVR UNO -DARDUINO ARCH AVR -IC:\\Program Files (x86)\\Arduino\\arduino\\\arduino\\\\arduino\\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\\arduino\\\arduino\\\arduino\\\arduino\\\arduino\\\\\arduino\\\\arduino\\\\arduino\\\\arduino\\\\arduino\\\\arduino\\\\arduino\\\\arduino\\\\arduino C:\\Users\\terry\\AppData\\Local\\Temp\\arduino build 804316\sketch\\Blink.ino.cpp -o nul Luontitoiminnon prototyypit... C:\\Program Files (x86)\\Arduino\\hardware\\tools\\avr/bin/avr-g++ -c -g -Os -w -std=gnu++11 -fpermissive -fno-exceptions -ffunction-sections -ffo-threadsafe-statics Wno-error=narrowing -flto -w -x c++ -E -CC -mmcu=atmega328p -DF CPU=16000000L -DARDUINO AVR UNO -DARDUINO AVR IC:\\Program Files (x86)\\Arduino\\hardware\\arduino\\hardware\\arduino (x86)\\Arduino\\hardware\\arduino\\hardware\\arduino\\arduino\\arduino\\arduino\\arduino\\arduino build 804316\\preproc\\ctags target for gcc minus e.cpp C:\\Program Files (x86)\\Arduino\\toolsbuilder\\ctags\\5.8-arduino11/ctags -u --language-force=c++ -f - --c++-kinds=svpf --fields=KSTtzns --line-directives C:\\Users\\terry\\AppData\\Local\\Temp\\arduino build 804316\\preproc\\ctags target for gcc minus e.cpp Compiling C:\\Program Files (x86)\\Arduino\\hardware\\tools\\avr/bin/avr-g++ -c -g -Os -w -std=gnu++11 -fpermissive -fno-exceptions -ffunction-sections -fdata-sections -fno-threadsafe-statics -Wno-error=kavennus -MMD -flto -mmcu=atmega328p -DF CPU=16000000L -DARDUINO =10809 -DARDUINO AVR UNO -DARDUINO AVR UNO -DARDUINO AVR -IC:///Program Files (x86)\\Arduino\\hardware\\arduino\\hardware\\arduino -IC:\\Program Files (x86)\\Arduino\\hardware\\arduino\\avr\\variants\\standard C:\\Users \\terry\\AppData\\Local\\Temp\\arduino build 804316\\sketch\\Blink.ino.cpp -o C:\\Users\\terry\\AppData\\Local\\Temp\\arduino build 804316\sketch\\Blink.ino.cpp.o Kirjastojen kääntäminen... Käännetään ydintä... C:\\Program Files (x86)\\Arduino\\hardware\\tools\\avr/bin/avr-gcc -c -g -x assembler-with-cpp -flto -MMD -mmcu=atmega328p -DF CPU=16000000L -DARDUINO=10809 -DARDUINO AVR UNO -DARDUINO AVR IC:\\Program Files (x86)\\Arduino\\hardware\\arduino\\har C:\\Users\\terry\\AppData\\Local\\Temp\\arduino build 804316\\core\\wiring pulse. 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The maximum is 32256 t ti. Global variables use 9 TT (0%) dynamic memory with local variables in 2039. The maximum is 2048 t ti. 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Thank you. Problems uploading to the board. See for suggestions. Terry, East Grinstead, @be80be how can I diagnose with the behavior I described? The board was still in office a few days ago! The cable is OK (I found a replacement for testing it.) COM3 is reported consistently. The same problem occurs on two computers. This tends to mess with the board, not the host computer or OS. Bob Bob this is what happens when you choose the wrong comport, there is no com3 in Windows XP that you can use as USB communication or I've never seen one, and I think in over 20 years mixing these things up there is one LOL There is a com3, only it's not usable for an augmented comport stored in serial ports if there is one on your computer. Back in Day com 1 and com 3 had one port and com 2 and com 4 had one bios booked them if you opened arduino without anything connected it gives you a pick com1 or com 3 on my computer. connect a working USB series to Saan com 4 and up depending on who did it. Arduino: 1.8.9 (Windows XP), Table: Arduino/Genuino Uno Build options changed, rebuilding all Sketch uses 930 tima (2%) the storage space of the program. The maximum is 32256 t ti. Global variables in 2039. The maximum is 2048 t ti. C:\Program Files\Arduino\hardware\tools\avr/bin/avrdude -CC:\Program Files\Arduino\hardware\tools\avr/etc/avrdude.conf -v -patmega328p -carduino -PCOM3 -b115200 -D -D -Uflash:w:C:\DOCUME~1\Owner\LOCALS~1\Temp\arduino build 179734/Blink.ino.hex:i avrdude: Versio 6.3-20171130 Copyright (c) 2000-2005 Brian Dean, Copyright (c) 2007-2014 Joerg Wunsch System wide configuration file on C:\Program Files\Arduino\hardware\tools\avr/etc/avrdude.conf Portin käyttäminen : COM3 Using Programmer : arduino Overriding Baud Rate : 115200 avrdude: stk500 getsync() attempt 1 of 10: ei synkronoitu: resp=0x30 avrdude: stk500 getsync() yritys 2/10: ei synkronoitu: resp=0x20 avrdude: stk500_getsync() yritys 3/10: ei synkronoitu: resp=0x30 avrdude: stk500_getsync() yritys 4/10: ei synkronoitu : resp=0x20 avrdude: stk500_getsync() yritys 5/10 : not synchronized: resp=0x30 avrdude: stk500_getsync() company 6/10: not synchronized: resp=0x20 avrdude: stk500_getsync() yritys 5/10 : not synchronized: resp=0x30 avrdude: stk500_getsync() yritys 4/10: ei synkronoitu : resp=0x20 avrdude: stk500_getsync() yritys 5/10 : not synchronized: avrdude: stk500 getsync() company 7/10: not synchronized: resp=0x3 0 avrdude: stk500 getsync() company 8/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 9/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 8/10: not synchronized: resp=0x30 avrdu stk500 getsync() company 10/10; not synchronized; resp=0x20 avrdude done. Thank you, Error loading From draft This report would provide additional information when the Show verbal output during compilation option is enabled in File -> options, Last modified; On May 27, 2019 ~ after 30 minutes. restarted Win 10 manually and received a message that the restore was not completed. I took your step. (Except not BlueTooth and I don't know how easily to stop Defender - the unlikely culprit anyway in the IMO). Here is the blurry and very long 'error messages' text: Arduino: 1.8.9 (Windows 10), Board: Arduino /Genuino Uno /--/ Terry, East Grinstead, UK OK, good. First of all, you can attach a text file, as I have done here. Thus, people can read formatted text without it looking bad in the message. You get several people to help you with different suggestions, but I think that's ok. I try to be as methodical as possible, but we're not there, and your understanding of what's going on as a new user can be very different from mine. I'm still not convinced the board is bricked up. Can But there are other explanations. Note that your antivirus is not disabled. You are using IDE in mode of administrator mode. You, you. You. there is no bluetooth dongle or devices (no ble keyboard, etc.).) You put together the blinking and it was nicely assembled, but you couldn't communicate with the board. You have two threads here, the first is when you decided to get the system. Is it right that you used this disk on WIN 10 successfully and then used the XP table successfully and then the problem occurred? Can you publish the direct facts about it as well as you can remember? Did you do anything that could have bricked the board? Were there components attached to the breadboard, etc. There's a new board coming for you, and you can wait for it to arrive. Alternatively, you can continue to debugging the connection with the board you have. The next step for the latter, in my opinion, is to look at device management and see what Win 10 says. I mentioned this post #14 as @be80be also #20 #22. It's the next step if you're up to it... Can you take screenshots or figure out how to do it and send them? In addition to this, there are several tests that you can run to see if it is bricked up. Look at this long thread carefully. But once again, the next step is to look at device management... Keep XP out of it for now. That's what I think. Ok let's take a look here, I really plug in uno this is what I got Try this by clicking on comport to go to the advanced settings and try it. Im about certain Windows XP saves com port3 and should not give that number, but I am sure that the windows are buggy com on the ports if it happened for a few weeks back in the new TCS computer gave the wrong connection to another TCS If he is turned on windows 10 his problem still the driver windows 10 is very good for usb series, but only one problem it seems to work with the Windows driver and no errors, but not the port responds You need to remove the driver and reinstall in unsigned mode. O and one more thing if you have usb 3.0 or more that maybe also a problem if not in a 2.0 central device like my laptop, it has one 3.0 and 2.0 port Last modified: May 27, 2019 OK, good. First of all, you can attach a text file, as I have done here. Thus, people can read formatted text without it looking bad in the message. You get several people to help you with different suggestions, but I think that's ok. I try to be as methodical as possible, but we're not there, and your understanding of what's going on as a new user can be very different from mine. I'm still not convinced the board is bricked up. It may be, but there are other explanations. Note that your antivirus is not disabled. You are using IDE in mode of administrator mode. You don't have bluetooth dongles or devices (no etc.) You put together a flipper and it was put together nicely, but it couldn't with the board. You have two threads here, the first is when you decided to get the system. Is it right that you used this disk on WIN 10 successfully and then used the XP table successfully and then the problem occurred? Yes, that's right. Can you publish the direct facts about it as well as you can remember? Did you do anything that could have bricked the board? Were there components attached to the breadboard, etc. I can't remember exactly, but at one point I was driving solenoid (with a protective diode side by side) through mosfet power. It worked fine. Then, a little

later, after editing the code, the symptoms described occurred. Since then, the only components I have had on the bread plate are led and its 220R resistance. And nothing for 11 hours today. The chip clearly works, at least to some extent, as it still flashes in the final draft, which was downloaded two days ago. But I'm really worried I must have screwed something up! There's a new board coming for you, and you can wait for it to arrive. Alternatively, you can continue to debugging the connection with the board you have. The next step for the latter, in my opinion, is to look at device management and see what Win 10 says. I mentioned this post #14 as @be80be also #20 #22. It's the next step if you're up to it... Can you take screenshots or figure out how to do it and send them? I have confirmed several times that the gate is set correctly. Checking the mgr device was an obvious very early step. I've been using computers since 1982! I posted a screenshot about an hour ago after #26 FWIW. Thank you, I'm working on it. And thank you for patiently sticking to the case! Last modified: May 27, 2019 Bob this is what happens when you choose the wrong comport, there is no com3 in Windows XP that you can use as USB communication or I've never seen one, and I guess in over 20 years messing up these things is one LOL There is a com3, only it's not usable for an added comport stored in serial ports if there is one on your computer. Back in the day com 1 and com 3 was one port and com 2 and com 4 had one bios booked them if you opened arduino without anything connected it gives you a pick com1 or com 3 on my computer. connect a working USB series to Saan com 4 and up depending on who did it. Arduino: 1.8.9 (Windows XP), Table: Arduino/Genuino Uno Build options changed, rebuilding all Sketch uses 930 tima (2%) the storage space of the program. The maximum is 32256 t ti. Global variables use 9 TT (0%) dynamic memory with local variables in 2039. The maximum is 2048 t ti. C:\Program Files\Arduino\hardware\tools\avr/bin/avrdude -CC:\Program Files\Arduino\hardware\tools\avr/etc/avrdude.conf -v -patmega328p -carduino -PCOM3 -b115200 -D avrdude: Versio 6.3-20171130 Copyright (c) (c) Brian Dean. Copyright (c) 2007-2014 Joerg Wunsch The system's extensive configuration file is C:\Program Files\Arduino\hardware\tools\avr/etc/avrdude.conf Using port : COM3 Using the Programmer: Arduino Bypassing Throughput : 115,200 avrdude: stk500 getsync() Company 1/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 1/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 1/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 1/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 1/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 1/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 2/10: not synchronized: resp=0x20 getsync() company 2/10: not synchronized: resp=0x20 getsync() company 2/10: not s stk500 getsync() company 3 10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 4/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() company 5/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() company 6/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() company 5/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 5/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() company 5/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() company 5/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 5/10: not synchronized: respsp=0x20 avrdude: stk500 getsync() compa stk500 getsync() company 7/10: not synchronized: resp=0x30 avrdude: stk500 getsync() attempts 8/10 : not synchronized: resp=0x20 avrdude: stk500 getsync() company 9/10: not synchronized: resp=0x30 avrdude: stk500 getsync() company 10/10: not synchronized: resp=0x20 avrdude: stk500 getsync() company 9/10: not synchronized: resp=0x30 avrdude: stk Thank you. Error loading From draft This report would provide additional information when the Show verbal output during compilation option is enabled in File -> options. But it's in XP, isn't it? @be80be strange'#28, I thought I answered your #28 ago, but it's nowhere to be seen. Here's the screenshot I included. But it didn't matter, so after a while I switch back to COM 3. windows 10 is the same to check by hiding USB ports and compasses from the appearance of the screen, it found arduino must have one or two other things wanting to be a port or it is loaded with a Windows stock driver. Pessimism factor rises Here's some of Raymond's recommended StackOverflow releases; Try downloading the draft Select one of the simple sketches (e.g. Blinking) and try to charge it. This is what you should see: L LED should flash 3 times. This is because the main chip is reset by the command of the download process. The Rx LED should flash guickly. These are the instructions for the download process that is trying to activate the boot loader. The Tx indicator should flash guickly. This is a processor that acknowledges the downloaded data. I can't get any of those three. Looks like the USB connection is broken! windows 10 is the same to check by hiding USB ports and compasses from the appearance of the screen, it found arduino must have one or two other things wanting to be a port or it is loaded with a Windows stock driver. ... or it has loaded a Windows warehouse driver. It may be worth exploring because I've baffled why driver details do indeed seem to be a common USB controller, especially for Arduino. What does yours look like? Could you send 2 good images one at the front and one behind uno My windows 10 to show it using the same displays pessimism factor rises here is part of the StackOverflow post that Raymond recommended; Try downloading the draft Select one of the simple sample sketches (e.g. Blink) and try downloading This is what you should see: L LED should flash 3 times. This is because the main chip is reset by the command of the download process. The Rx LED should flash quickly. These are the instructions for the download process that is trying to activate the boot loader. The Tx indicator should flash quickly. This is a processor that acknowledges the downloaded data. I can't get any of those three. Looks like the USB connection is broken! You should stay the course. I was worried that if I published that thread, You will jump into a more familiar hardware angle Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI USB to a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI USB to a serial adapter Even if you kill the USB serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb serial chip, you can still program the 328 with FTDI usb into a serial adapter Even if you kill the usb series adapter Even if you can still program the 328 with FTDI usb into a series adapter Even if you can still program the 328 with FTDI usb in adapter that I don't have, and I doubt I'd be on a learning curve before I could use it confidently. Could you send 2 good pictures one from the front and one behind uno Will to do, FWIW, but probably tomorrow morning. I've been doing this at 7:00 and it's now 10:30! Windows 10 displays it using the same one you showed, so can you explain what you meant by the comment? Sorry?

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