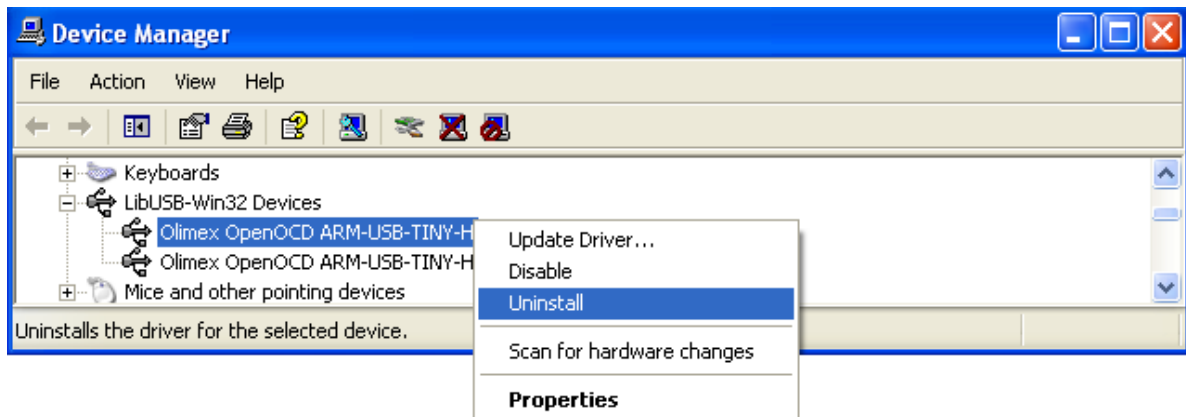# Repair procedure for   ARM-USB-TINY-H and ARM-USB-OCD-H drivers

If you have messed up your ARM-USB-TINY-H or ARM-USB-OCD-H drivers installation, here is a description of how to repair it.

1. Repair procedure for ARM-USB-TINY-H drivers.
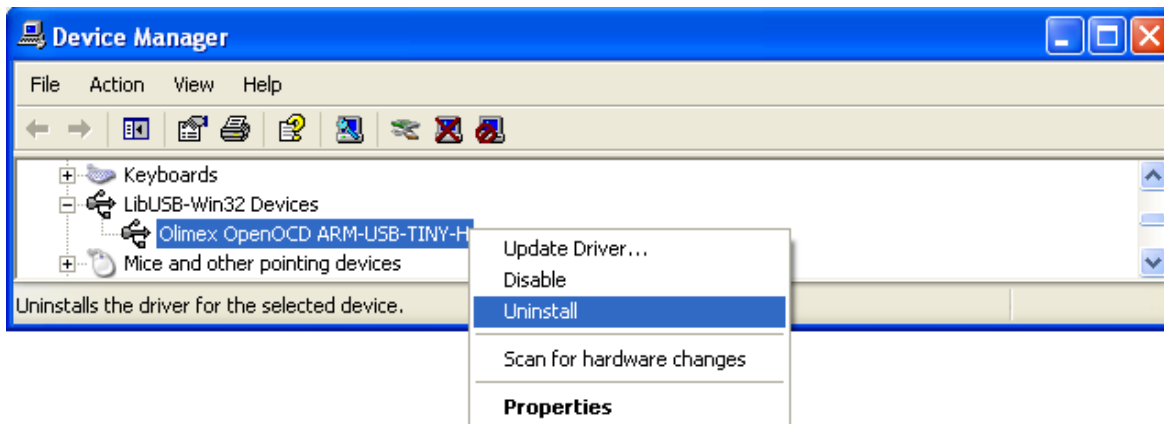### 1.1. Uninstalling ARM-USB-TINY-H drivers.

First connect your programmer/debugger to your computer, open Device Manager and there uninstall the drivers for ARM-USB-TINY-H.
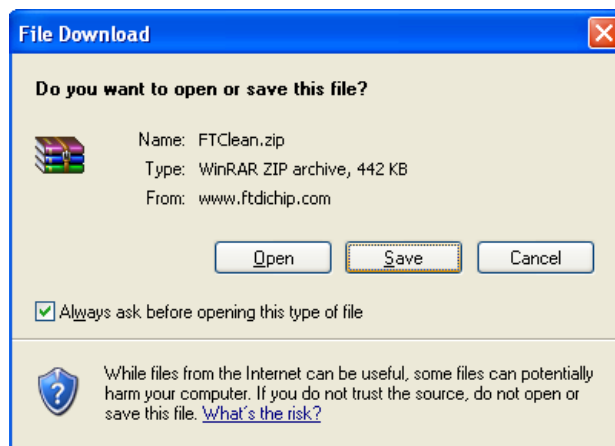

Here press "OK":

After you have uninstalled the first driver, you should uninstall the second.
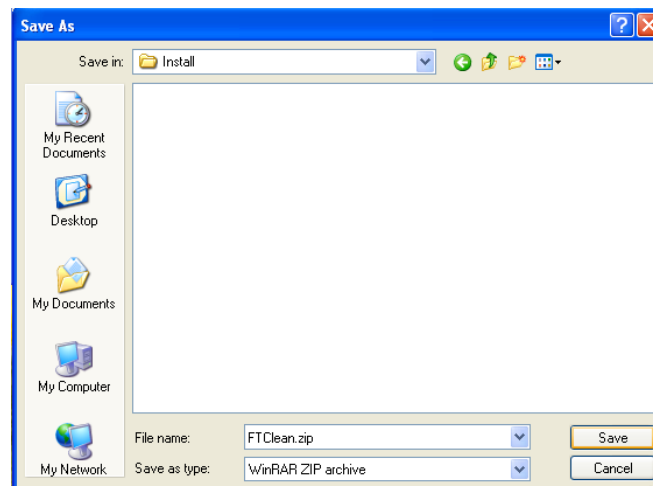
After you have uninstalled ARM-USB-TINY-H drivers from Device Manager, disconnect the programmer from your computer.
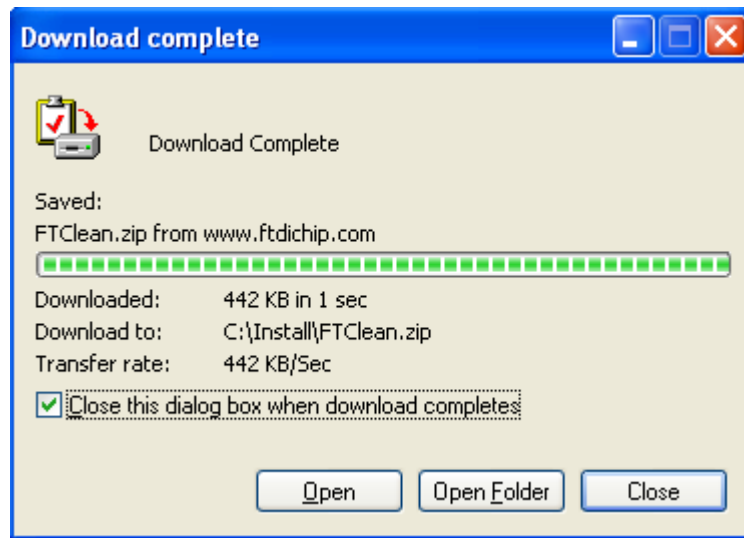
Now you should download FTClean.exe from here:

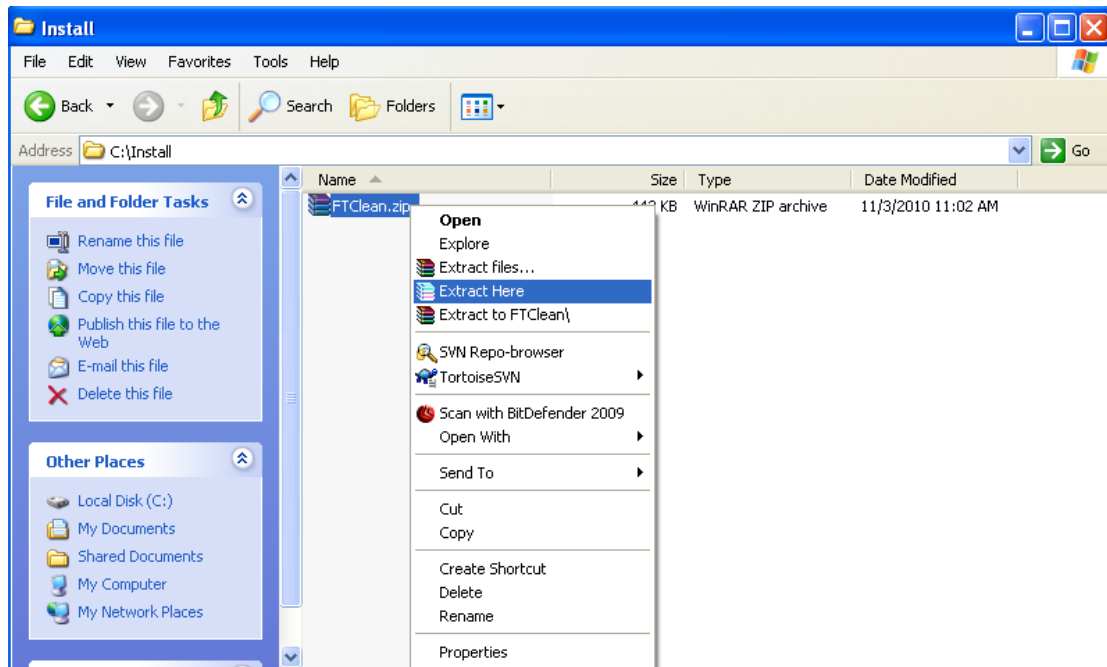http://www.ftdichip.com/Support/Utilities/FTClean.zip

Press "Save" at the window above and choose the location where you will save this "*.zip" file.
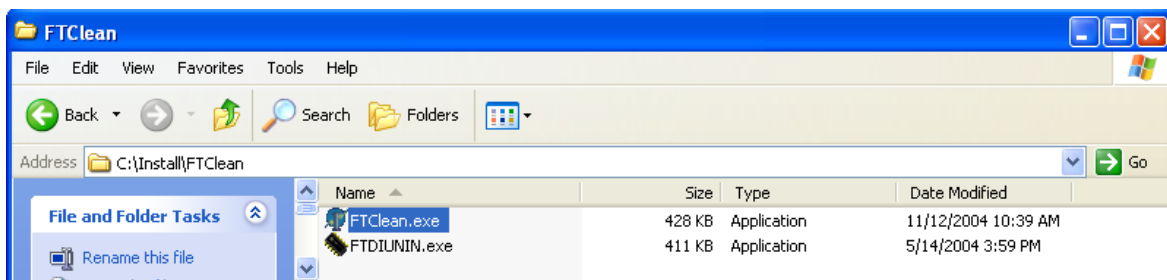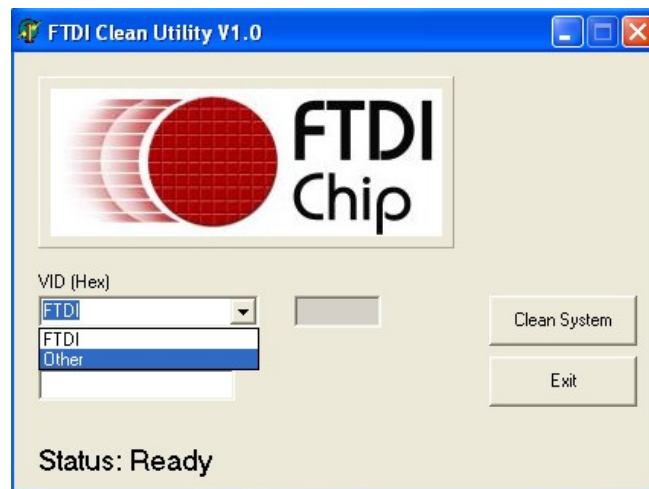
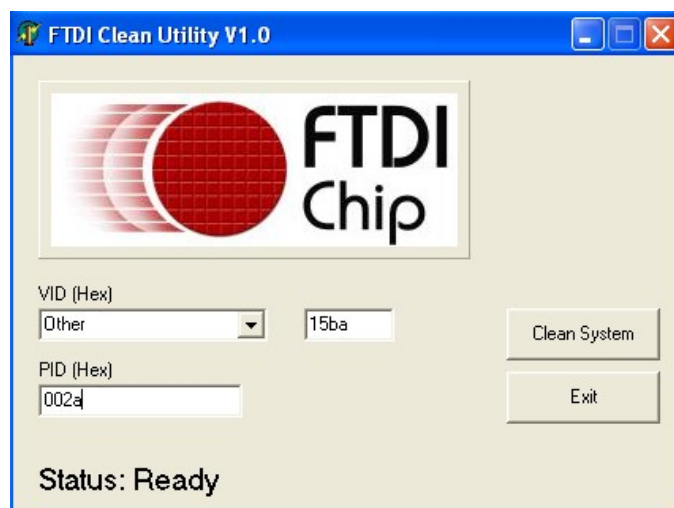After download is complete extract the "*.zip" file:

Now open folder FTClean and run FTClean.exe:

The following window will appear:

Here for VID (Hex) select "Other". And after that fill the first box with "15ba" and "PID (Hex)" with "002a", as it is shown at the screenshot below:
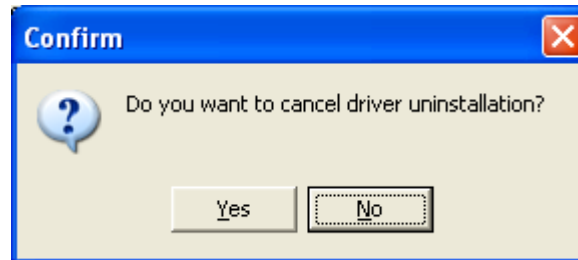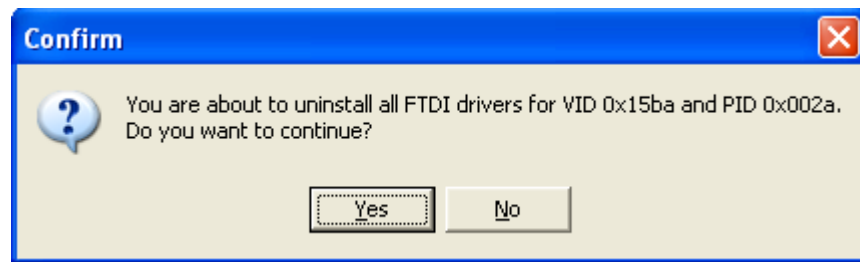

Press "Clean System" button.

Disconnect all devices using FTDI from your computer, like ARM-USB-TINY-H, if you haven't disconnect it before.

After that two windows for confirmation will appear – on the first press "Yes" and on the second - "No"

After that several "FTDI Uninstaller v3.0" windows will appear consecutively – do not press the buttons of this windows, wait until the last window has disappeared.
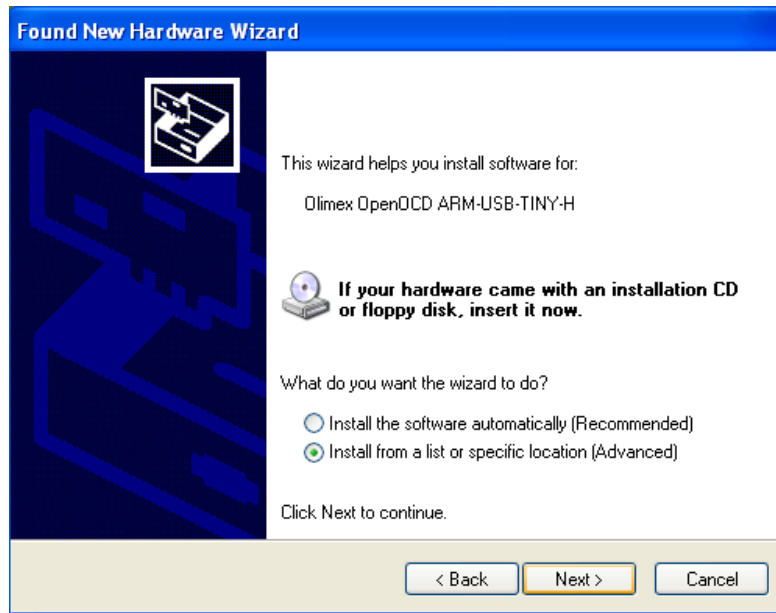
Now your computer is completely cleared form ARM-USB-TINY-H drivers!

1.2. Installing ARM-USB-TINY-H drivers.
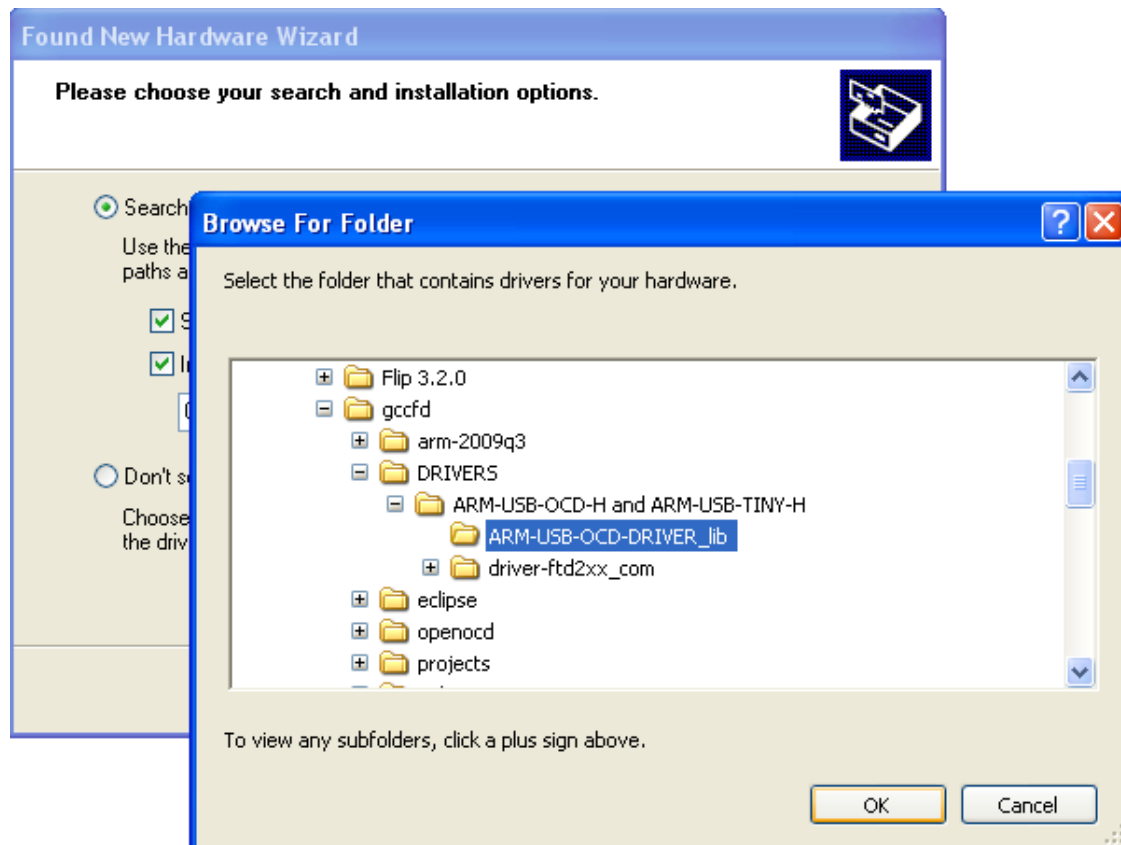
Connect to the computer your programmer/debugger – ARM-USB-TINY-H. Your computer will automatically detect the new hardware and will run Found New Hardware Wizard:
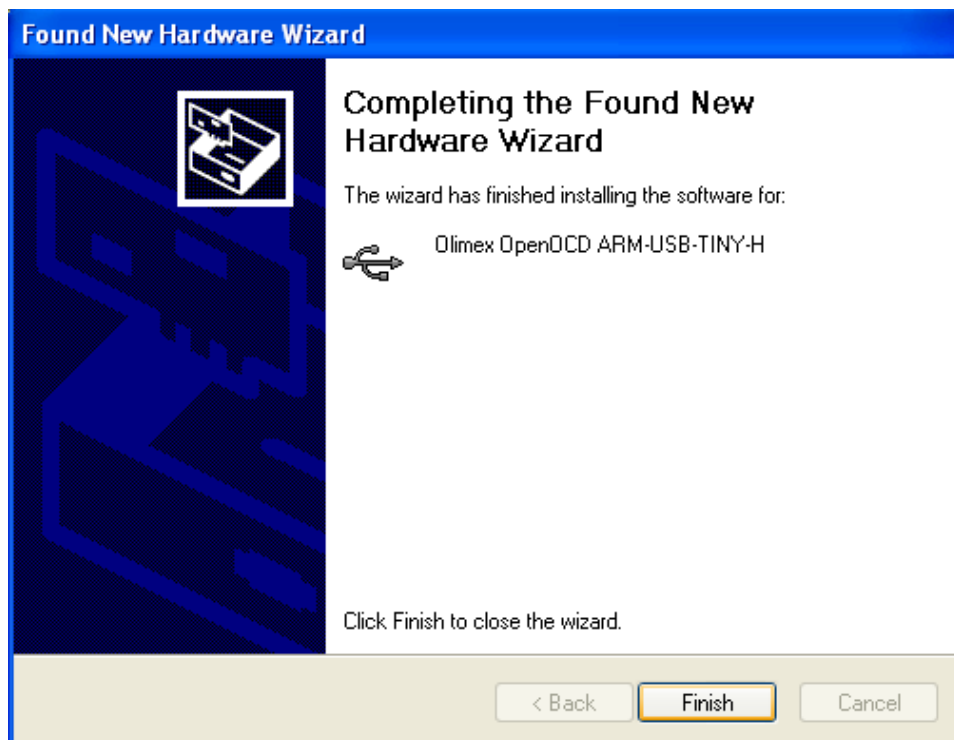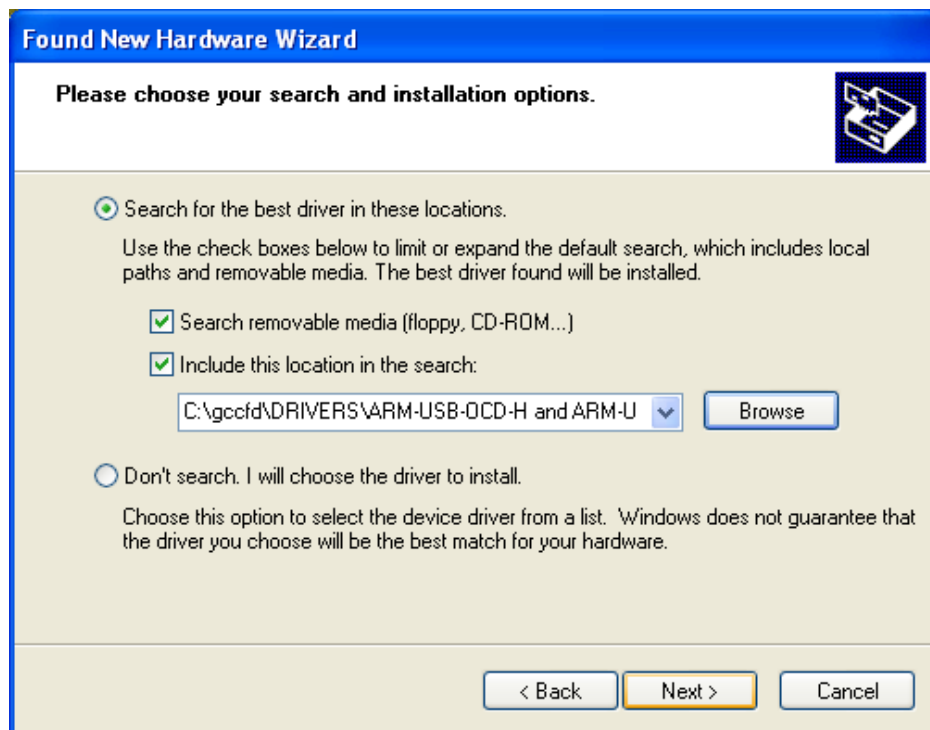

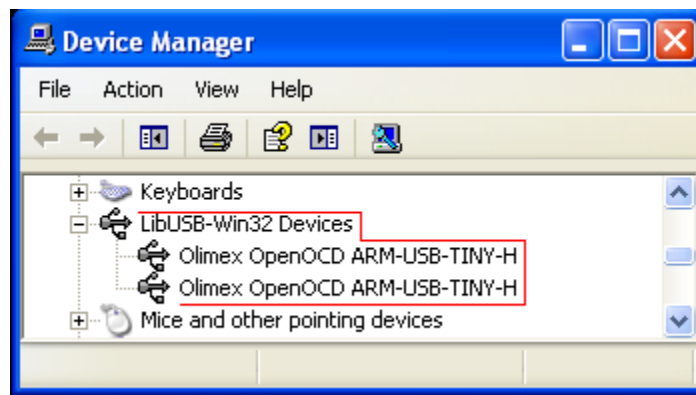Choose "No, not this time" and press "Next"

After you press „Next", on the window shown below, you should browse the directory of your drivers.

C:\gccfd\DRIVERS\ARM-USB-OCD-H and ARM-USB-TINY-H\ARM-USB-OCD-DRIVER_lib

Found New Hardware Wizard

Please choose your search and installation options.

◉ Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☑ Search removable media (floppy, CD-ROM...)

☑ Include this location in the search:

C:\gccfd\DRIVERS\ARM-USB-OCD-H and ARM-U ▾   [Browse]

○ Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

[< Back] [Next >] [Cancel]

Found New Hardware Wizard

Completing the Found New Hardware Wizard

The wizard has finished installing the software for:

Olimex OpenOCD ARM-USB-TINY-H

Click Finish to close the wizard.

[< Back] [Finish] [Cancel]

When this window appears – press „Finish". Windows will ask you again for drivers and you should repeat the same procedure with the same drivers. After the second installation of your drivers – check in Device Manager for your new device:
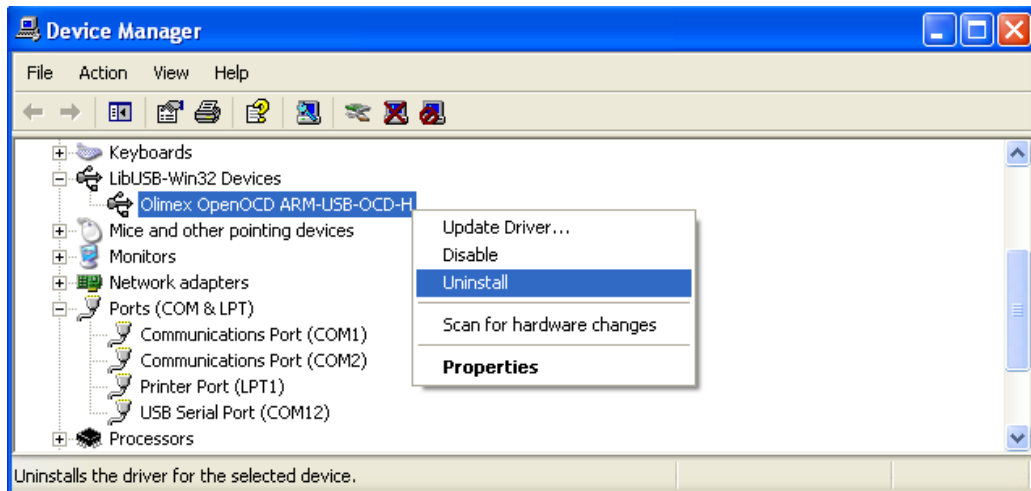
If everything is in order you are ready to use your programmer/debugger.

2. Repair procedure for ARM-USB-OCD-H drivers.
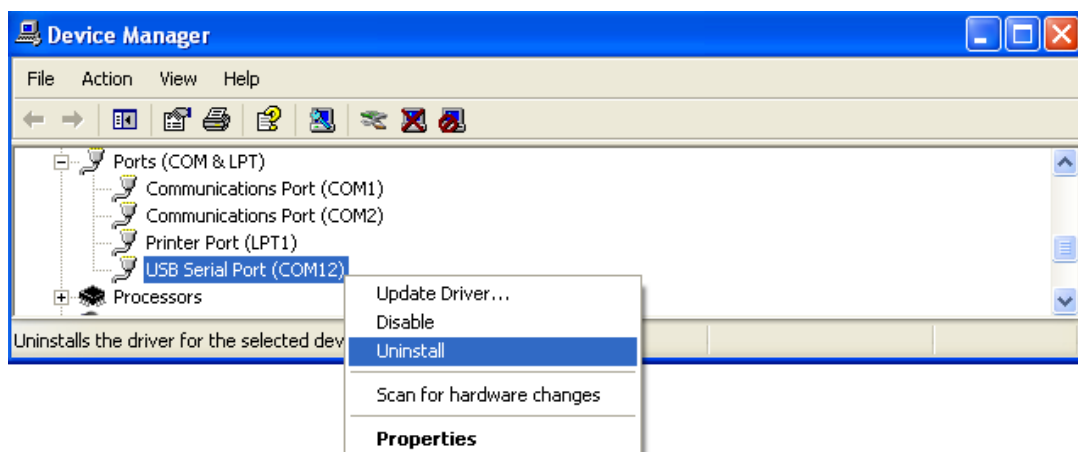
2.1. Uninstalling ARM-USB-OCD-H drivers.
First connect your programmer/debugger to your computer, open Device Manager and there uninstall the drivers for ARM-USB-OCD-H.
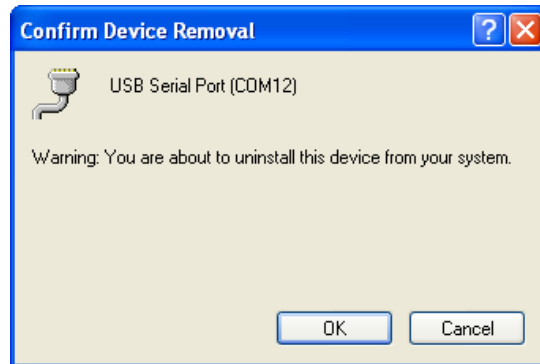

Here press "OK":

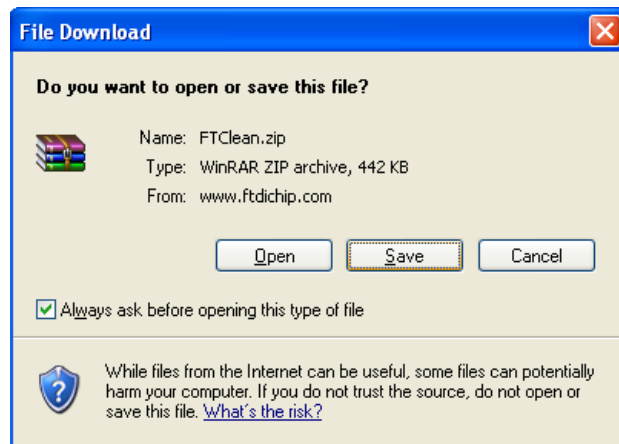After you have uninstalled the first driver, you should uninstall the driver for USB Serial Port.
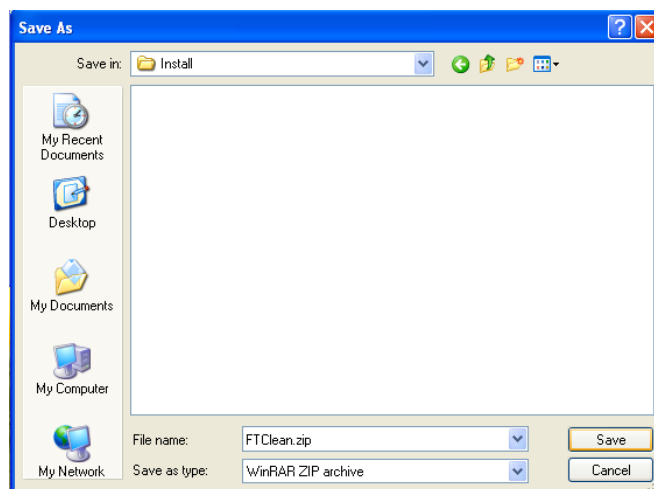
Here press "OK":

After you have uninstalled ARM-USB-OCD-H drivers from Device Manager, disconnect the programmer from your computer.
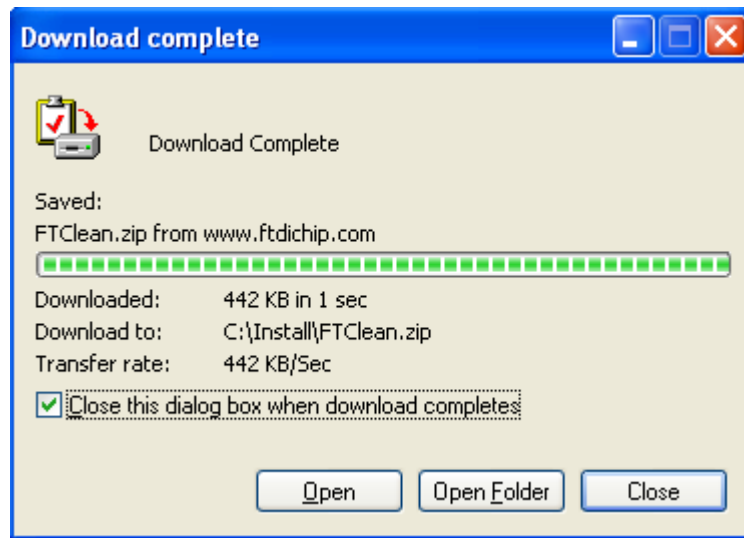
Now you should download FTClean.exe from here:
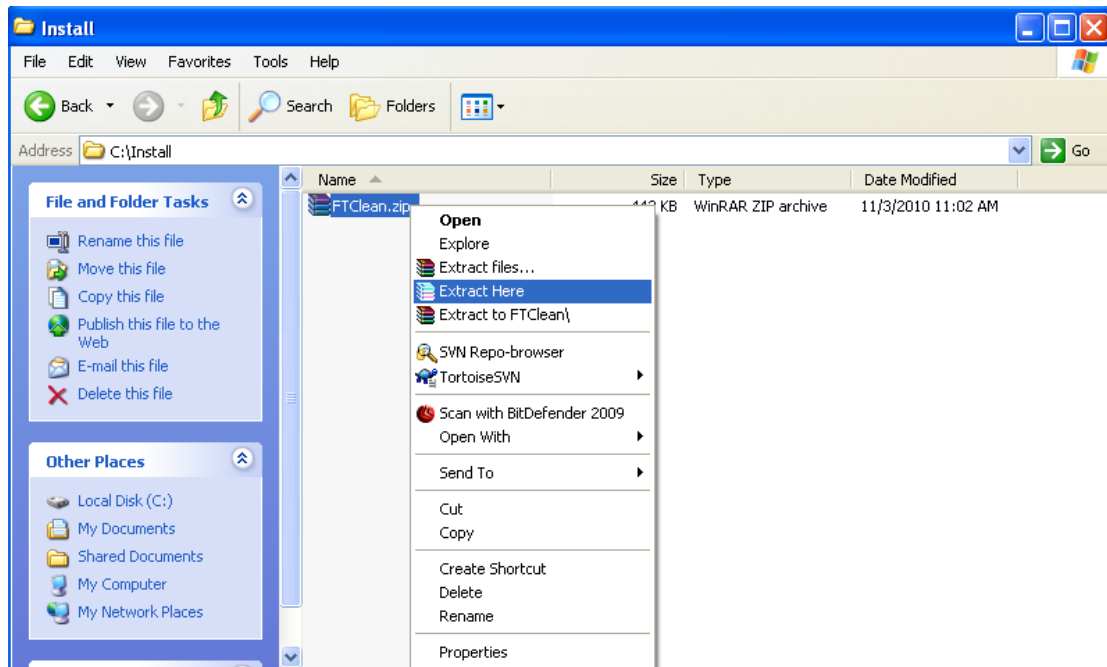http://www.ftdichip.com/Support/Utilities/FTClean.zip

Press "Save" at the window above and choose the location where you will save this "*.zip" file.
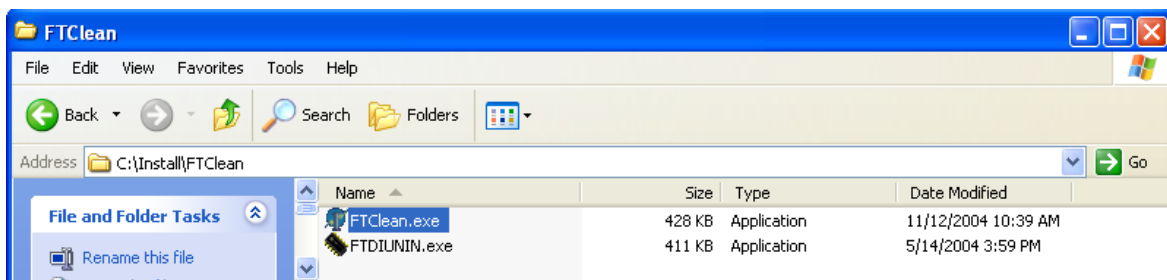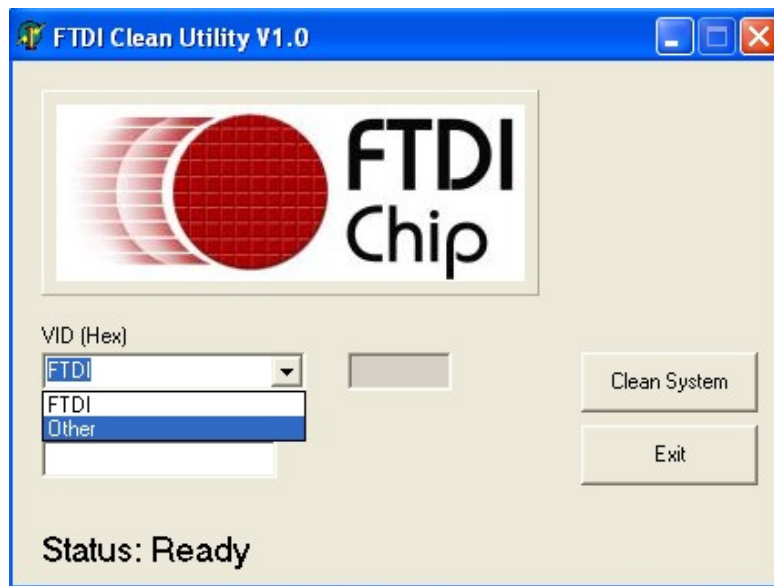
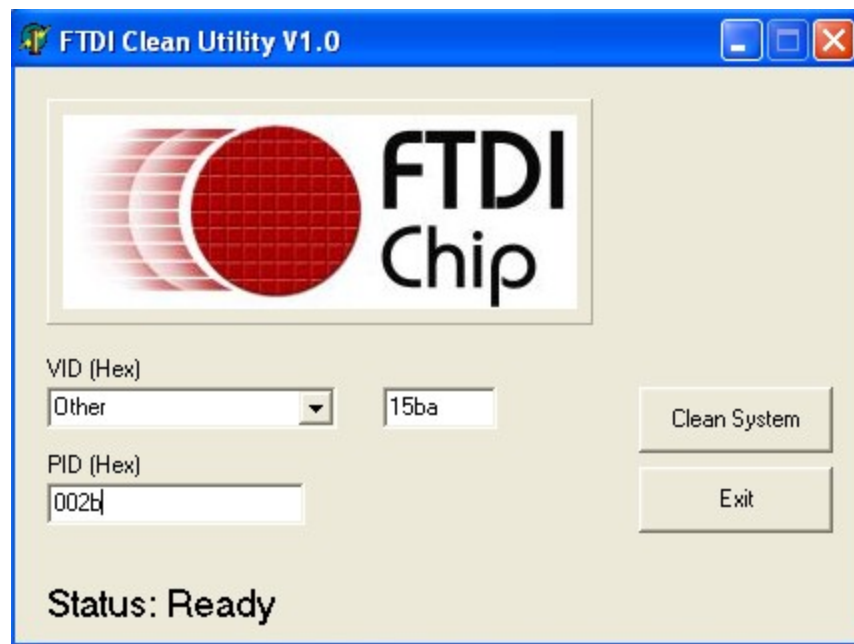After download is complete extract the "*.zip" file:

Now open folder FTClean and run FTClean.exe:
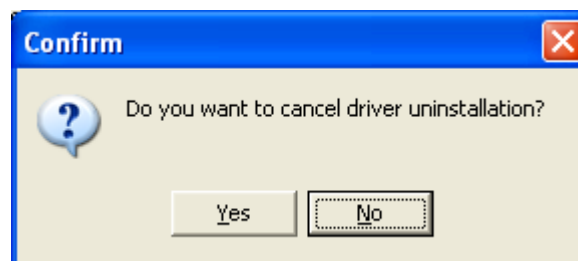
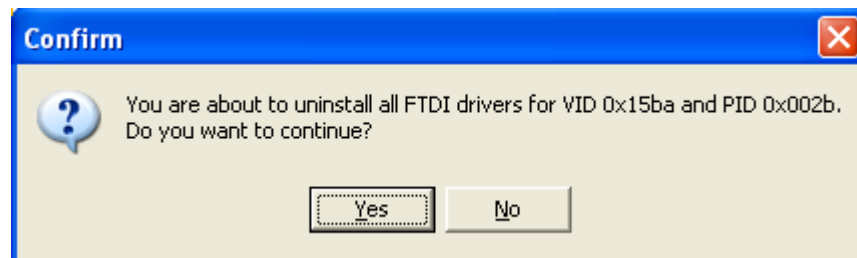The following window will appear:

Here for VID (Hex) select "Other". And after that fill the first box with "15ba" and "PID (Hex)" with "002b", as it is shown at the screenshot below:

Press "Clean System" button.

Disconnect all devices using FTDI from your computer, like ARM-USB-OCD-H.
After that two windows for confirmation will appear – on the first press "Yes" and on the second - "No"
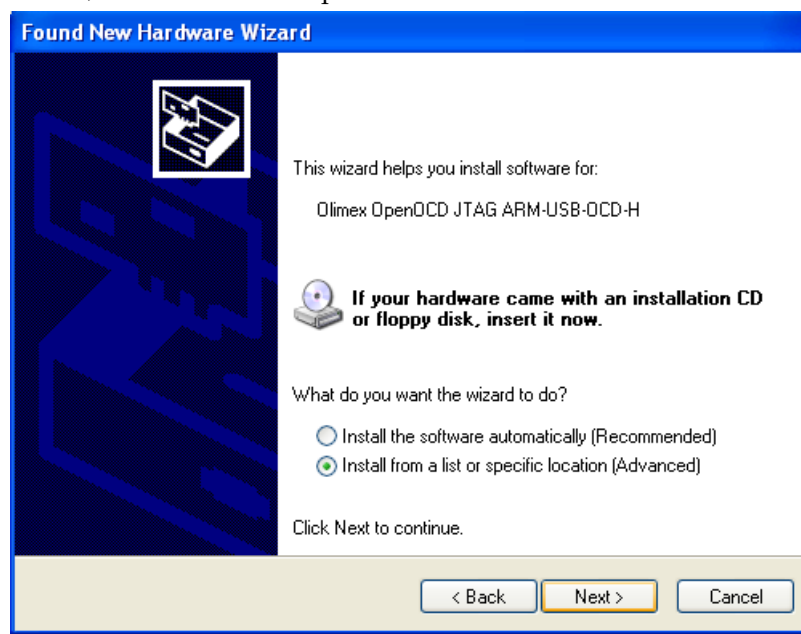

After that several "FTDI Uninstaller v3.0" windows will appear consecutively – do not press the buttons of this windows, wait until the last window has disappeared.
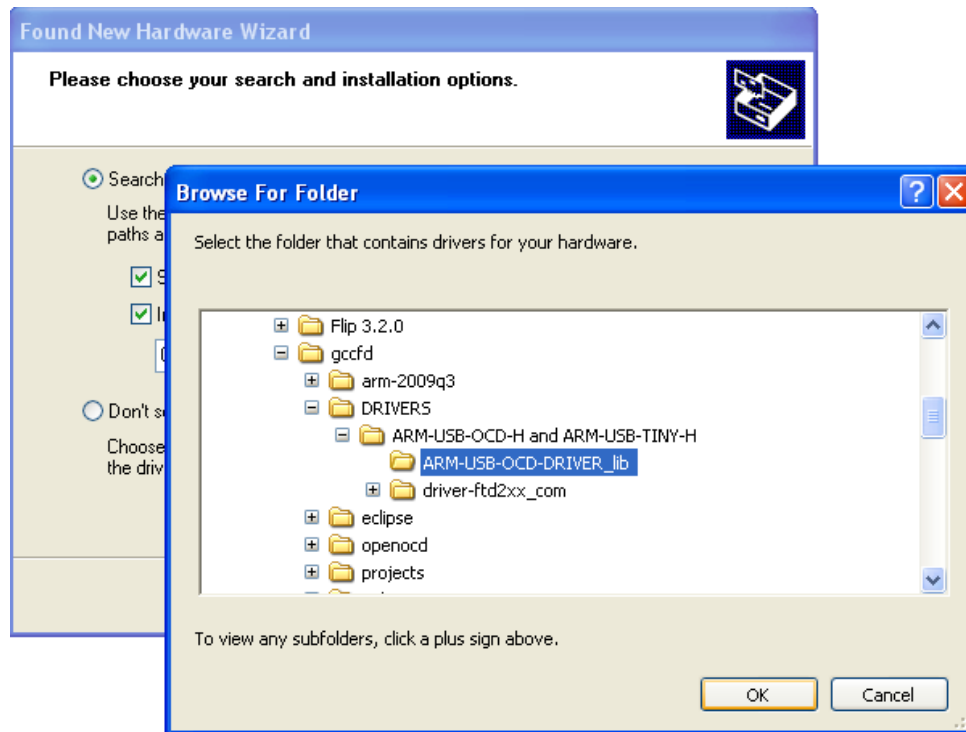Now your computer is completely cleared form ARM-USB-OCD-H drivers!

2.2. Installing ARM-USB-OCD-H drivers.

Connect to the computer your programmer/debugger – ARM-USB-OCD-H. Your computer will automatically detect the new hardware and will run Found New Hardware Wizard:

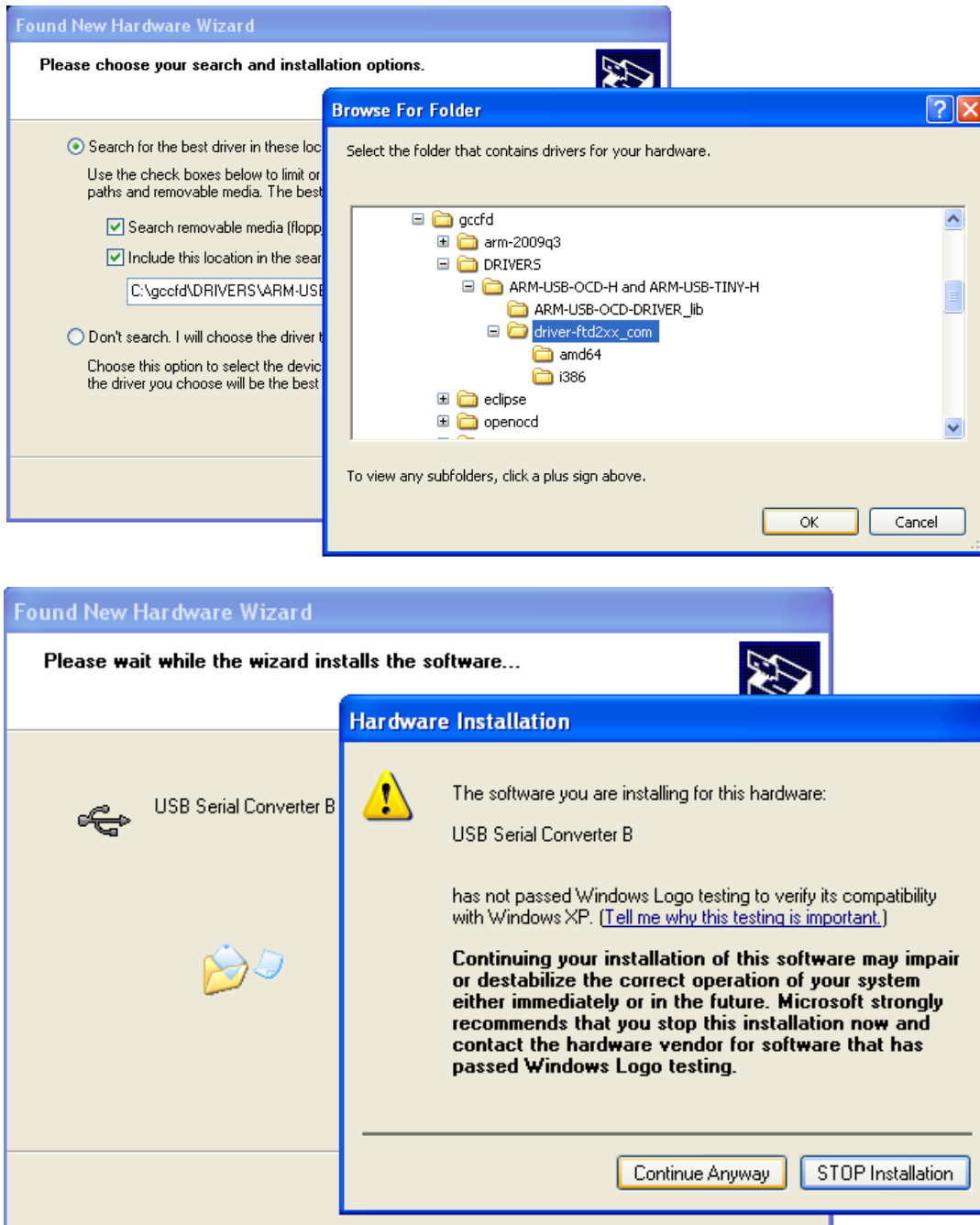Choose "No, not this time" and press "Next"

After you press „Next", on the window shown below, you should browse the directory of your drivers.

C:\gccfd\DRIVERS\ARM-USB-OCD-H and ARM-USB-TINY-H\ARM-USB-OCD-DRIVER_lib

When this window appears – press „Finish". Windows will ask you again for drivers and you should install the drivers located in C:\gccfd\DRIVERS\ARM-USB-OCD-H and ARM-USB-TINY-H\driver-ftd2xx_com
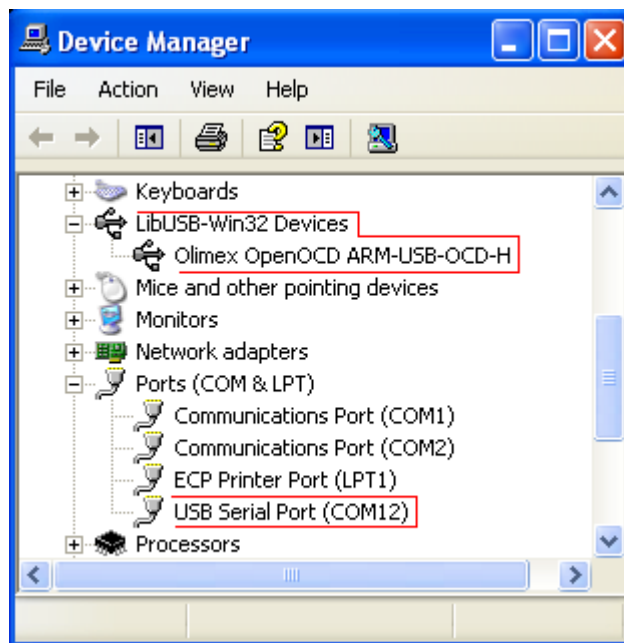
Here press "Continue Anyway".

At the next window press "Finish":

After that Windows will ask you third time for drivers and you should install again the second driver: C:\gccfd\DRIVERS\ARM-USB-OCD-H and ARM-USB-TINY-H\driver-ftd2xx_com

After your driver installation finished. Check in Device Manager for your new device:

If everything is in order you are ready to use your programmer/debugger.