## **SYSPRÖGS**

PRODUCTS DOWNLOADS TUTORIALS SUPPORT CONTACT

## Download

- Download VisualGDB
- Buy VisualGDB
- Version history

## **Tutorials**

- Tutorial list
- MinGW projects
- MinGW64 projects
- Cygwin projects
- Importing cygwin apps
- Quick Debug (Win32)
- Debugging GNU tools
- FreeBSD

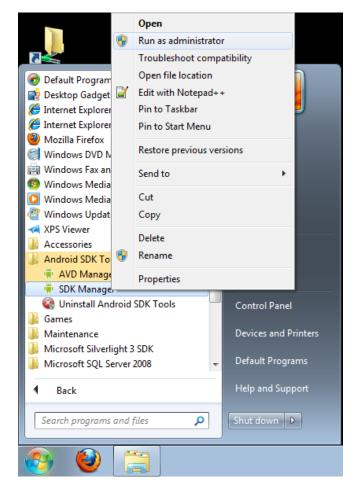
#### Embedded

- MSP430 devices
- MSP430 UART
- STM32 devices
- AT91SAM7 devices
- OpenOCD setup
- ST-Link debugging
- Texane/ST-Link
- STM32F4-Discovery
- Freescale Kinetis
- FRDM-KL25Z
- KL25Z RGB LEDs
- Freescale TWR-K60
- STM32 PWM
- STM32 FPU
- ARM Semihosting
- STM32 USB CDC
- NXP LPC
- Legacy devices
- Threads
- Stand-alone projects
- Newlib-nano
- CC3200 WiFi
- Nucleo-F411re
- Keil Compiler
- Live Variables

# Manually installing Android ADB USB Driver

This tutorial explains how to install the Android ADB USB driver manually. Follow it if the automatic installation fails.

- 1. If yon don't have Android SDK installed, please install it first.
- 2. Open Start menu. Select Android SDK Tools -> SDK Manager. Right-click on it and select "Run as Administrator".



Running SDK Manager as Administrator is very important. If you just click on it, the SDK manager will start, but will encounter errors when you try to install new components!

3. In the SDK Manager select "Extras->Google USB Driver". Enable the checkbox and click "Install 1 Package".

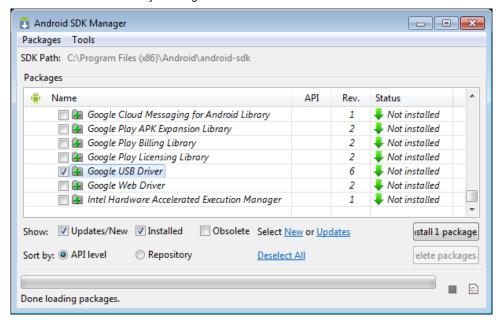
- Multiple Users
- Tiva-C (TM4C)
- STM32CubeMX
- STM32 FreeRTOS
- IntelliSense

## Linux Tutorials

- Creating Linux apps
- Importing Linux apps
- Linux Libraries
- Quick Debug (Linux)
- Embedded Linux apps
- Fixing breakpoints
- Attaching to apps
- GNU Octave plugins
- LLVM/clang
- Core dumps
- Qt Linux apps
- Converting to custom
- ImageMagick library
- OpenGL Linux apps
- QT5 on Ubuntu
- CMake
- Host aliases
- Ubuntu Hyper-V

## **Android Tutorials**

- Android quickstart
- Android Studio
- Co-debug with Eclipse
- Vs-android projects
- Android IntelliSense
- Android Code Map
- Android libraries
- Setup USB debugging
- Using Intel HAXM
- Hello-jni
- Hello-gl2
- Hello-neon
- San-angeles
- Bitmap-plasma
- Native-plasma
- Native-activity
- Native-audio



- 4. When the Google USB driver is installed, plug in your device.

  Warning: The driver won't install automatically. We will do it manually in the next steps.
- 5. Open the System Properties dialog (press **Win+Break** on the keyboard or locate "Computer" in Start Menu, right-click on it and select "Properties".
- 6. Click on the "Device Manager" link.



7. In the Device Manager locate your Android device. Then right-click on it and select "Update Driver Software".

- Two-libs
- Breakpoint problems
- Fixing breakpoints
- Debugging APK Files
- Developing for OUYA
- Qt on Android
- Cocos2d-x
- Command-line tool
- Isolated processes
- VMWare Support

## Beaglebone

- Beaglebone C++
- Cross-compiling
- Qt-Embedded
- Qt-X11

## Raspberry PI

- Raspberry PI basics
- Blinking LED
- Cross-compiler
- Qt applications
- WiringPI
- Cross-compiling QT

#### Cubieboard

- Cubieboard C++
- Cross-compiling

## Porting tutorials

- Windows to Linux
- QT Applications

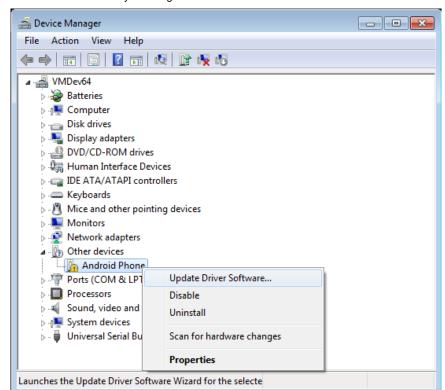
## Customizations

- Per-user variables
- Custom steps
- Custom shortcuts

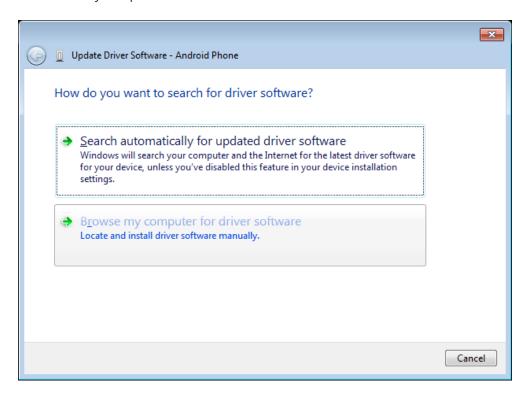
#### VisualGDB SDK

- Getting started
- Array visualizer
- SDK Reference

## Documentation



8. Select "Browse my computer for driver software".

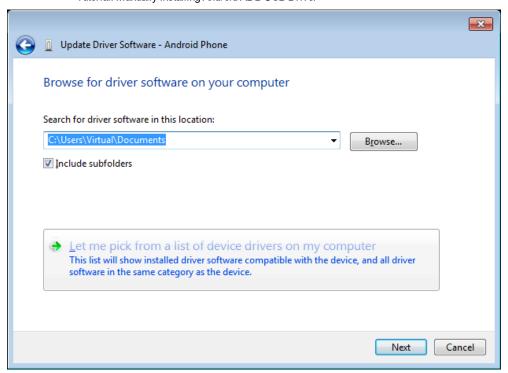


9. Select "Let me pick from a list of device drivers on my computer".

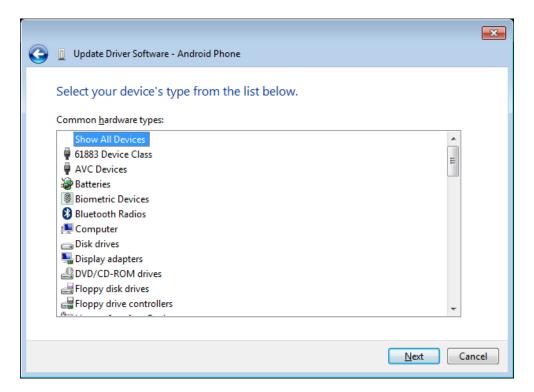
- GDB commands
- Linux targets
- Auto source download
- Embedded targets
- Project Variables
- Source cache
- Debugging Tricks
- Environment
- Makefiles
- Android Startup
- Path mapping
- Android GDB versions
- Finding app path
- FAQ
- Troubleshooting

#### Tools

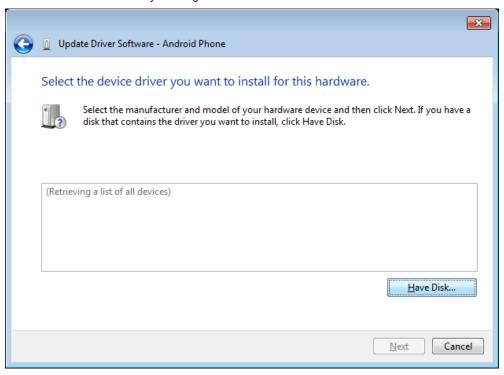
- ADB fix
- USB driver tool
- QT Cross-compiler



10. Select "Show All Devices".

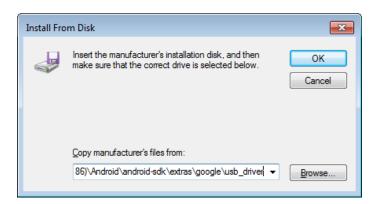


11. Press the "Have Disk" button.

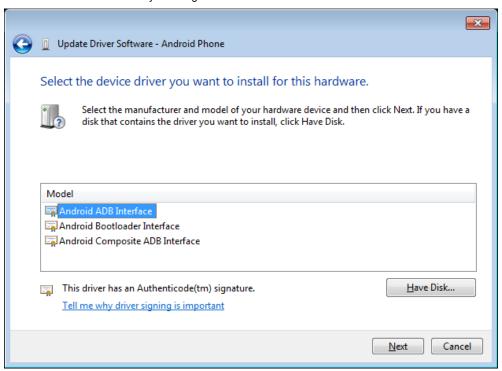


12. Enter the path to the Google USB driver. Normally it is located in the following directory:

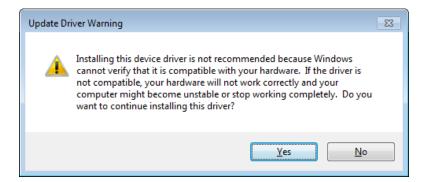
C:\Program Files (x86)\Android\android-sdk\extras\google\usb\_driver



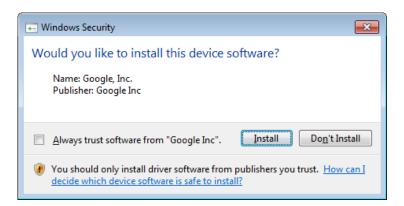
13. Select "Android ADB Interface" from the list of device types.



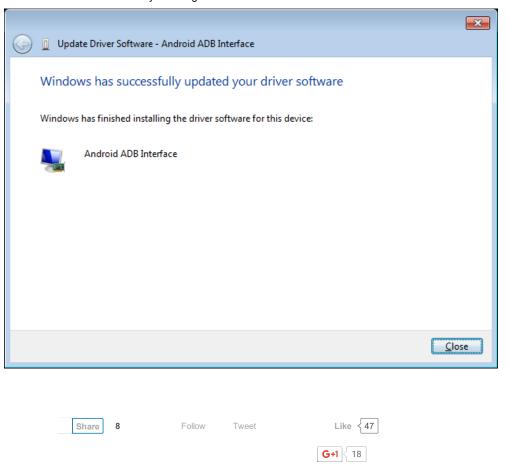
14. Confirm the installation of the driver by pressing "Yes".



15. Confirm the installation again by pressing "Install".



16. When the installation is done, press "Close".



 $\ @\ 2012\mbox{-}2016$  Sysprogs OÜ. All rights reserved.

Terms of Use | Copyright | Privacy and Cookie Policy