

# Connecting your Kindle Fire to ADB

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## Prerequisites

Download and install the following packages for your development environment:

[Java JDK](#)

[Android SDK](#)

Use the Android SDK Manager to download and install the following SDK packages:

Android 2.3.3 (API10) => SDK Platform

Tools => Android SDK Tools

Tools => Android SDK Platform-tools

Extras => Google USB Driver package

## OSX Setup

Modify your adb\_usb.ini

1. Open the `~/.android/adb_usb.ini` file for editing
2. Add `0x1949`
3. Add `0x0006`
4. Save the file

Note: Make sure there is only one entry per line. If the file does not exist, create the file and make sure you have the required Android SDK prerequisites configured.

Restart the ADB server and confirm your Kindle Fire is detected

1. Open a terminal shell
2. Execute `adb kill-server` command
3. Execute `adb start-server` command
4. Execute `adb devices` command and locate Kindle Fire under the device list

If your Kindle Fire is not being detected, you may need to reboot your computer or log out and log in for the changes to take effect.

## Windows 7 Setup

User must have administrator rights

Modify your adb\_usb.ini

1. Open the **C:\Users\<your-login>\.android\adb\_usb.ini** file for editing
2. Add **0x1949**
3. Save the file

Note: Make sure there is only one entry per line. If the file does not exist, create the file and verify you have the required Android SDK prerequisites configured.

Modify the Google USB Driver package

1. Go to your Google USB Driver package folder; typical install location is *C:\Program Files (x86)\Android\andorid-sdk\extras\google\usb\_driver*
2. Locate the **android\_winusb.inf** file and modify permissions to allow writing for your user.
  - a. Right click the file and choose **Properties**
  - b. Go to **Security Tab**
  - c. Click on the **Edit** button
  - d. Select your Group or user name in the top box
  - e. Under the **Allow** column check the box for **Write**
  - f. Press the **Apply** button
3. Open the **android\_winusb.inf** file in a text editor
4. Add the following under the **[Google.NTx86]** section and the **[Google.NTamd64]** section

```
;Kindle Fire
%SingleAdbInterface% = USB_Install, USB\VID_1949&PID_0006
%CompositeAdbInterface% = USB_Install, USB\VID_1949&PID_0006&MI_01
```

5. Save the file

Install the Google USB Driver

1. Connect Kindle Fire to your computer's USB port
2. Right-click on *Computer* from your desktop or Windows Explorer, and select **Manage**
3. Select **Computer Management => System Tools => Device Manager** in the left pane
4. Locate and expand **Other devices** in the right pane
5. Right-click the device name **Kindle** and select **Update Driver Software**; this will launch the Hardware Update Wizard.
6. Click **Browse my computer for driver software**.
7. Click **Browse** and locate the folder that contains the **android\_winusb.inf** driver file that you modified earlier
8. Click **Next** to install the driver
9. Choose **Install this driver software anyways** when prompted with the Windows security warning
10. Once installed the Kindle Fire will show up on **Device Manager** under **Android Phones => Android Composite ADB Interface**

Restart the ADB server and confirm your Kindle Fire is detected

1. Open a command prompt
2. Go to your Android SDK platform tools folder; typical install location is *C:\Program Files (x86)\Android\andorid-sdk\platform-tools\*
3. Execute **adb kill-server** command
4. Execute **adb start-server** command
5. Execute **adb devices** command and locate Kindle Fire under the device list