



# Installation (cont.)

- ► Install android studio:
  - Proxy? Choose cancel
  - Click start a new project
  - Click Next
  - Choose the Phone and tablet, click next
  - Choose Basic Activity
  - Click Finish
- After finished with installing Android Studio:
  - Add the following Path to your system environment variables:
     C:\Users\<user>\AppData\Local\Android\sdk\platform-tools
     C:\Users\<user>\AppData\Local\Android\sdk\tools

## Installation (cont.)

- ► Create new Virtual Device:
  - Click Tools -> Android -> AVD Manager
  - Click Create New Virtual Device
  - Click Next

For PCs that don't support Intel's hardware virtualization (VT-x):

- Click Other Images Tab
- Download the armv64 (for 64-bit computers) or armeabi images
- After finished with selecting the system images, click next, finish
- Click the green button to Run the emulator



























# Opening DB Files From Linux computer: File <db\_file</li> If the file is SQLite 3,x database, run: sqlite3 <db\_file> Sqlite> .tables Sqlite> select \* from myuser; Or download SQLite browser: http://sqlitebrowser.org/ Open the <db\_file> using the SQLite browser



































# Android Proxy

- ► Install Autoproxy from Play Store
- ► Configure Autoproxy:
  - Host: your\_computer\_ip\_address
  - Port: 8888
  - Type: HTTP
- Download Fiddler from: <u>https://www.telerik.com/download/fiddler</u>
- Run Fiddler (go to configure Fiddler slide)

## Configure Fiddler

- ► Click WinConfig, Exempt All, Save
- ► Click Tools, Options:
  - Connections: check the "Allow remote computers to connect"
  - HTTPS: check the capture and decrypt HTTPS
  - Accept certificate (yes to all)
- ► Restart Fiddler
- From Android phone or emulator:
  - Open browser and browse to: <u>http://your\_computer:8888</u>
  - Download the Fiddler root certificate





