How to run an app on the Samsung Gear Fit 2 through Tizen Studio, from package to application

Ben Chrepta

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(Windows): **Downloading Tizen Studio**

1. Make sure JDK 8 or higher is installed
   1. A screen shot of a social media post

      Description generated with high confidenceGo to terminal and type java -version.



1. Download Tizen SDK installer from <https://developer.tizen.org/tizen-studio/download> and Choose the Tizen Studio with IDE installer according to your system environment.
2. When the installation is completed, make sure the option for launching package manager is selected, then click Finish.
3. Under Main SDK, download the specific Wearable packages (5.0, 2.3.1, etc.)
4. Under Extension SDK, **Install Certificate Extension** (Installation might take a while)

**Connecting a Target Device**

1. Make sure the Certificate Extension is installed (Under package manager)
2. Switch on the Debugging mode in Settings > Gear info.
3. Switch off Bluetooth in Settings > Connections.
4. Switch on Wi-Fi in Settings > Connections and note the IP address. **The device and the computer must be connected to the same Wi-Fi network. Make sure the Wi-Fi Network is accessible to both (WPA 2 Personal, for example, won’t show up)**
5. Under the tools tab in Tizen Studio, select Device Manager
   1. If JAVA\_HOME isn’t set in env variables, find a way to set it to the correct path (<https://confluence.atlassian.com/doc/setting-the-java_home-variable-in-windows-8895.html>) or look it up.
6. Launch the Remote Device Manager by clicking the (phone to computer) icon in the Connection Explorer and click +
7. Enter the name and IP (port by default should be 26101)
   1. In the first attempt, the connection can fail. In this case, a pop-up appears in the device. Click the check button to allow Gear to install apps in the device manually.
   2. If it still doesn’t work, check to see if you are using a valid Wi-Fi network.
8. It is now connected. Keep it connected and set the date of the watch so that it is ahead of the computer (trust me on this)
9. Select Tools > Certificate Manager to generate and register a developer certificate
10. Click plus icon (+) to create security profile. Do not import anything
11. Samsung profile appears because Certificate Extension is installed. Select Samsung profile and just walk through it. **You will have to sign in/create an amazon account (not part of the author/distributor license)**
12. Right-click on the target device in the Connection Explorer, and go to Permit to install applications.
13. Run the Tizen application
    1. If it says something about an expired certificate (even though you already made it, try making an exact copy [one of the options in the Certificate manager])
    2. If an application ID already exists within a certain file, just change it within the manifest (.xml file)