

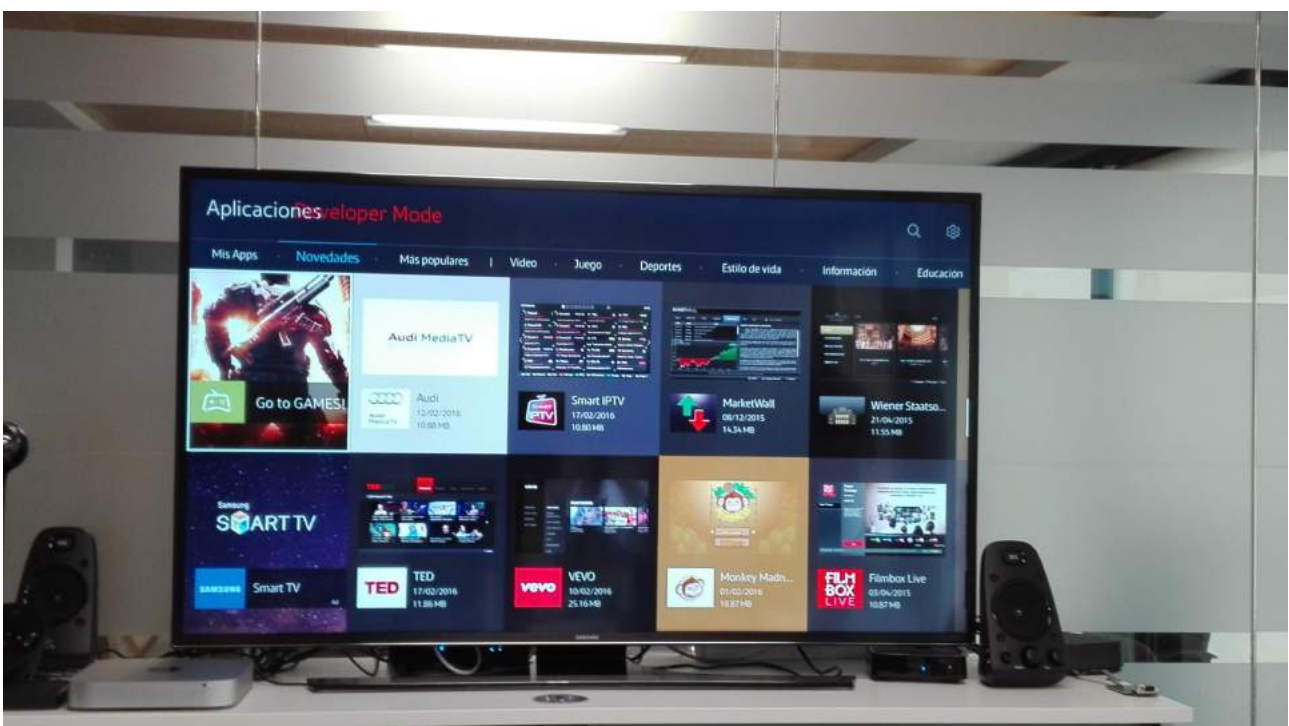
How to install apps on Samsung Tizen devices

TV

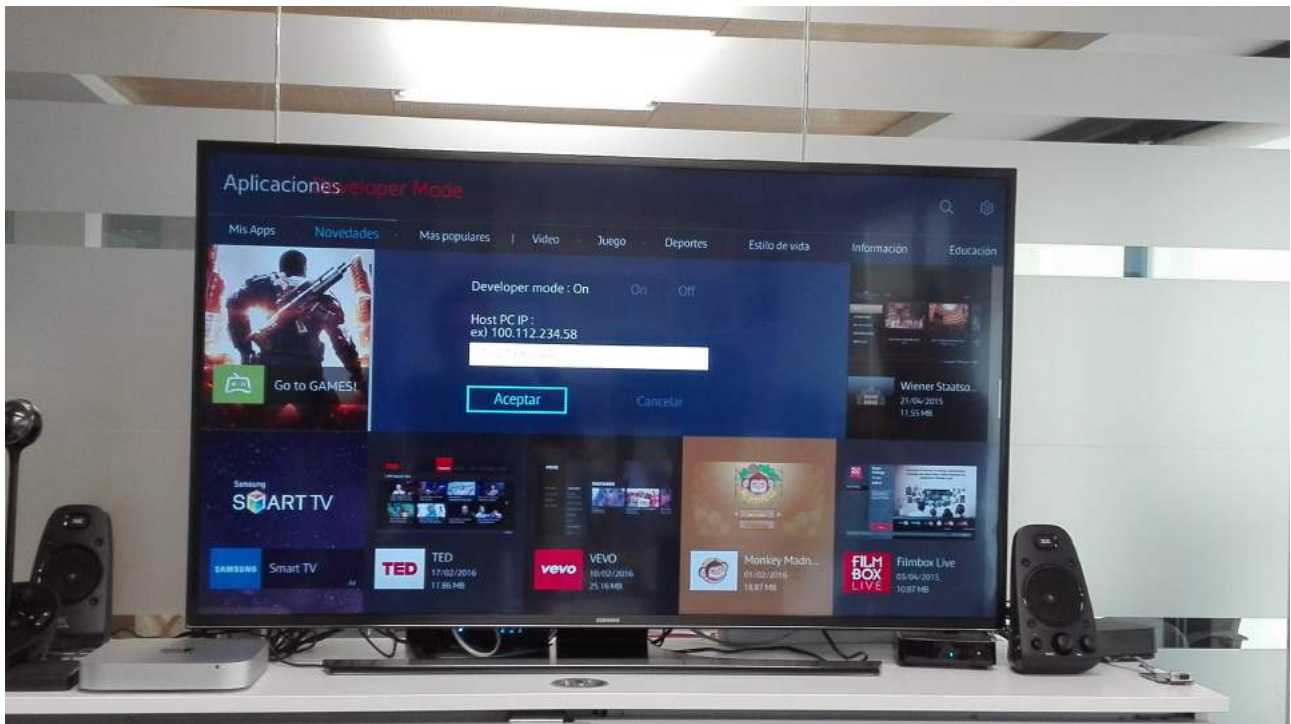
1. Turn on the TV and press the Smart Hub button. Then select the “Apps” icon:



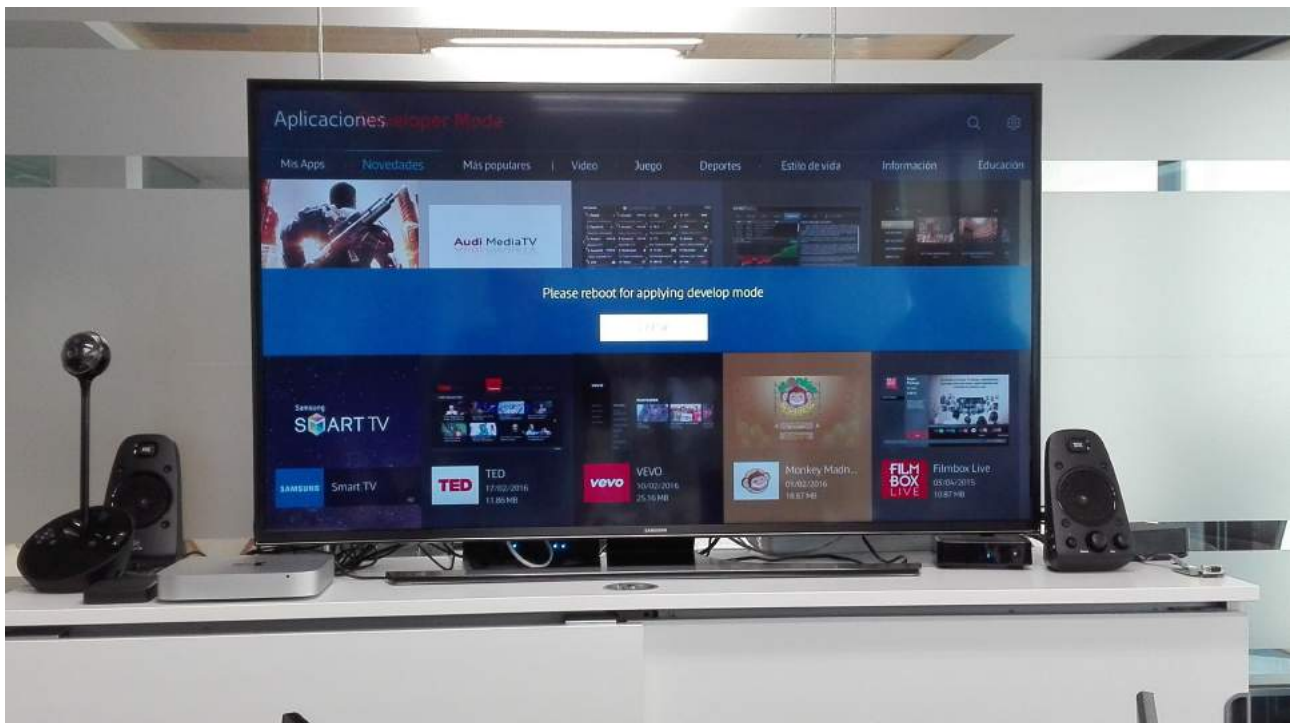
2. Once inside the Samsung apps section, on the remote press the following number combination: 12345. This will open a popup where you can activate the developer mode:



3. From this same screen, we can input the IP of the computer in order to serve the app:



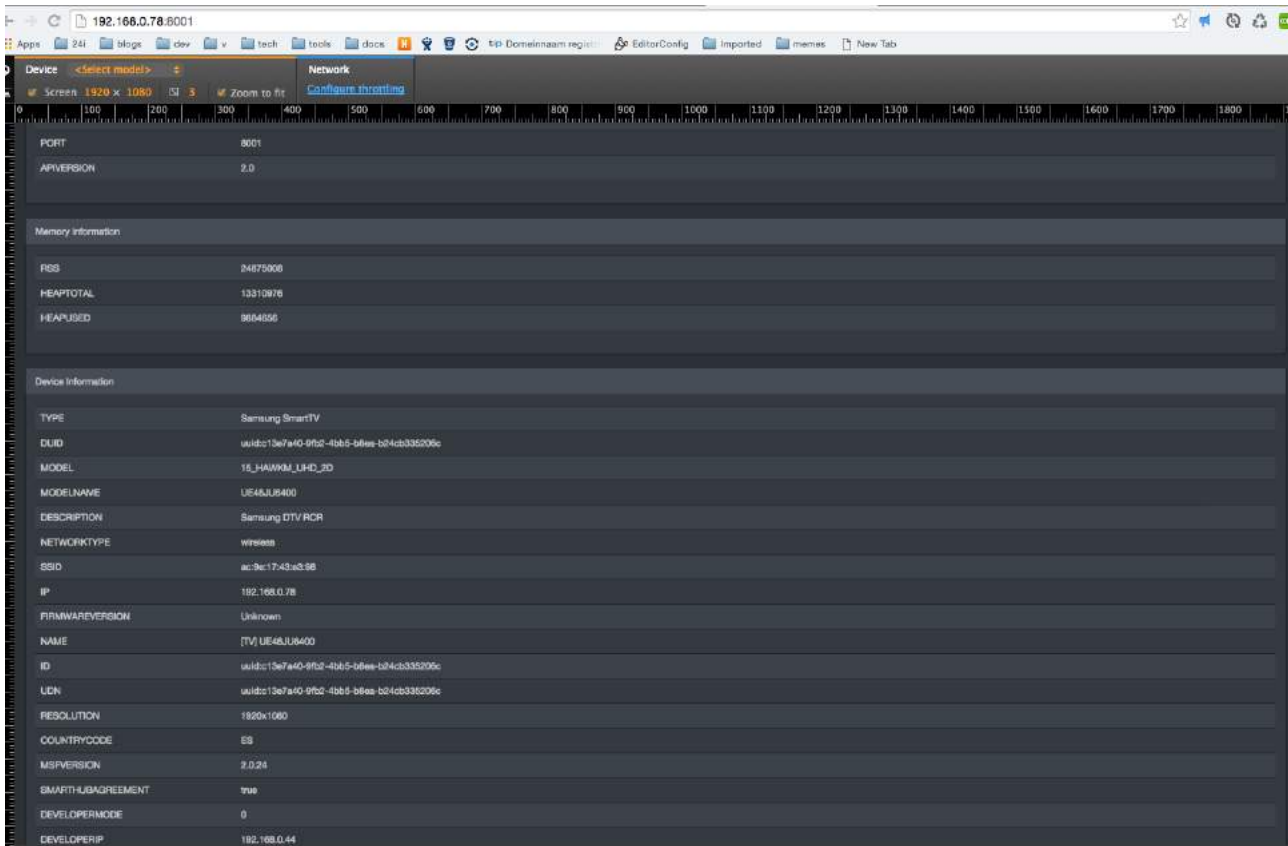
4. Once we have finished, we will press the “Accept” button, and the TV will ask us to reboot the tv. Don't do it and press back to go to the previous screen.



Now follow the next steps on your computer:

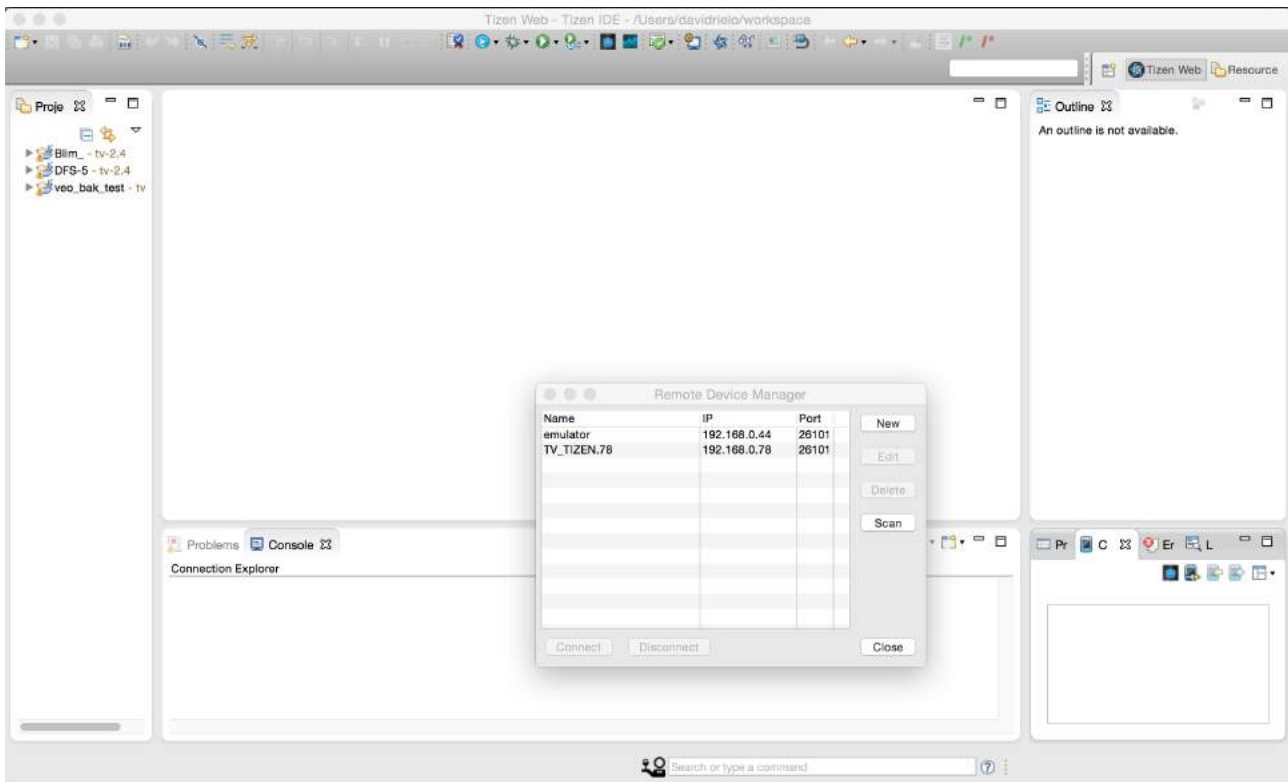
Computer

1. Download the Samsung Tizen SDK from the following link: <http://www.samsungdforum.com/TizenDevtools/SdkDownload>. Please take into account that you have to install all the packages for Smart TV, mobile and wearables.
2. In order to know the firmware version and information of your Tizen TV set, you can access to the following page using the ip of your TV and adding the port 8001 at the end of the ip address:



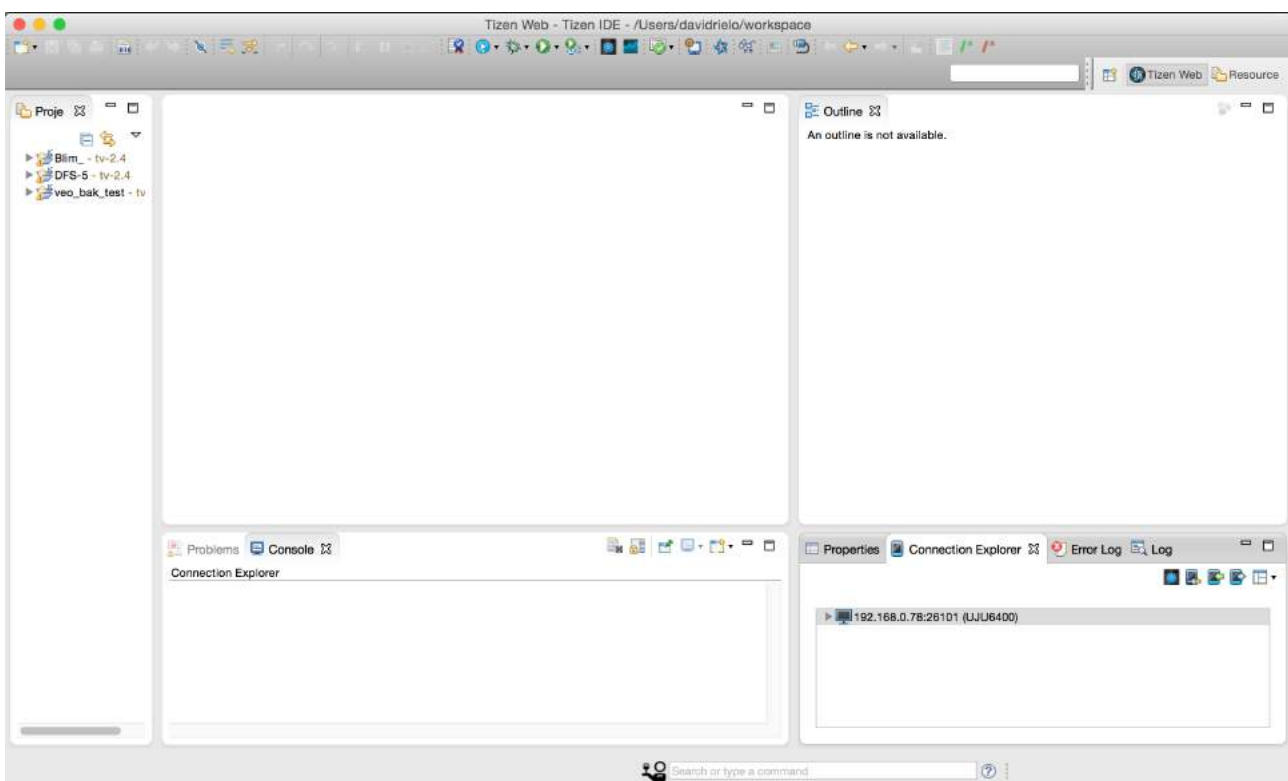
To know the TV ip address, on the TV enter in “Menu>Network>Network status>IP Setings” and there you can see your TV’s IP address.

3. Launch the Samsung SDK IDE. Once inside the app, go to the "Connection explorer" tab and press the remote device manager button (the second one on the left). This action will open the next window:

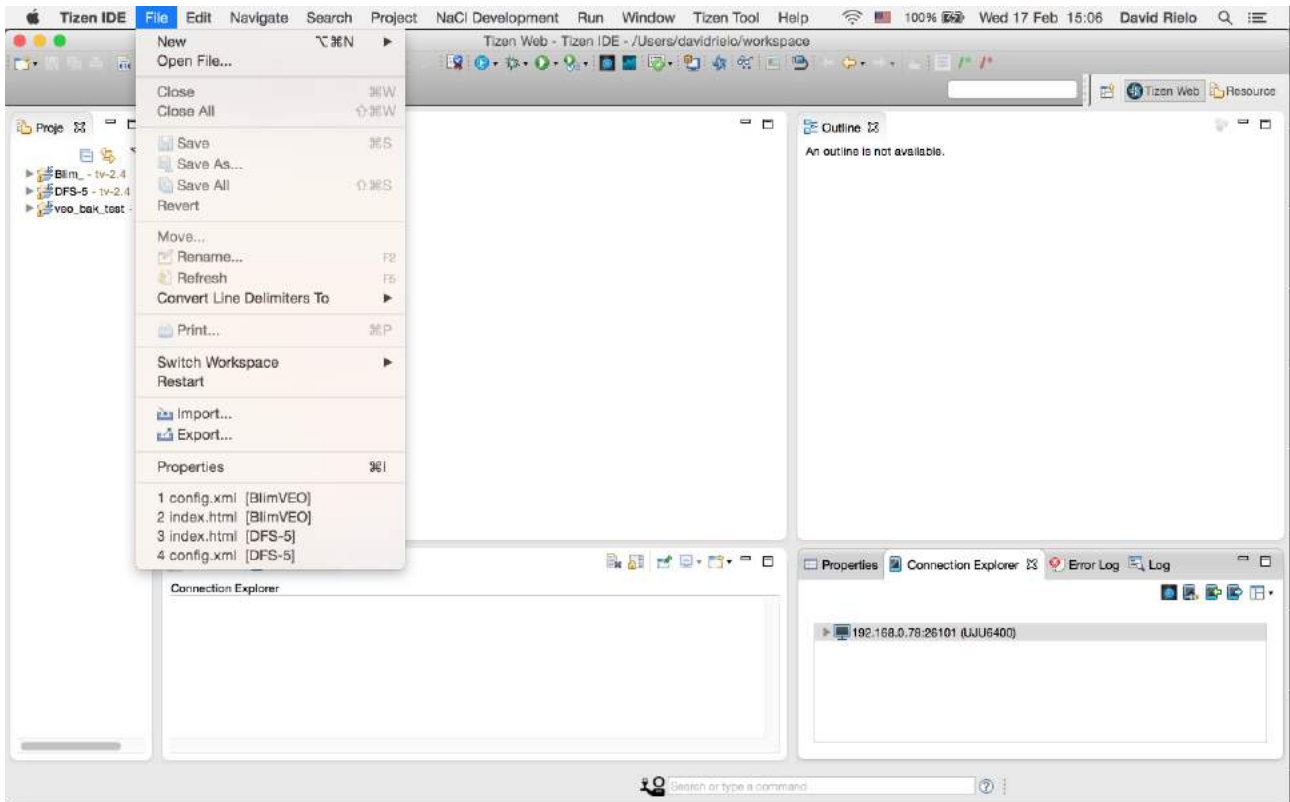


4. From the previous screen, you have to select your TV device IP. If your TV IP doesn't appear on the list, press the scan button. We have noticed that even following the previous steps, the IP of the TV never appears, so you have to turn off and on again the TV and the computer and repeat the previous steps. Once your IP appears, select it and then press the "Connect" button.

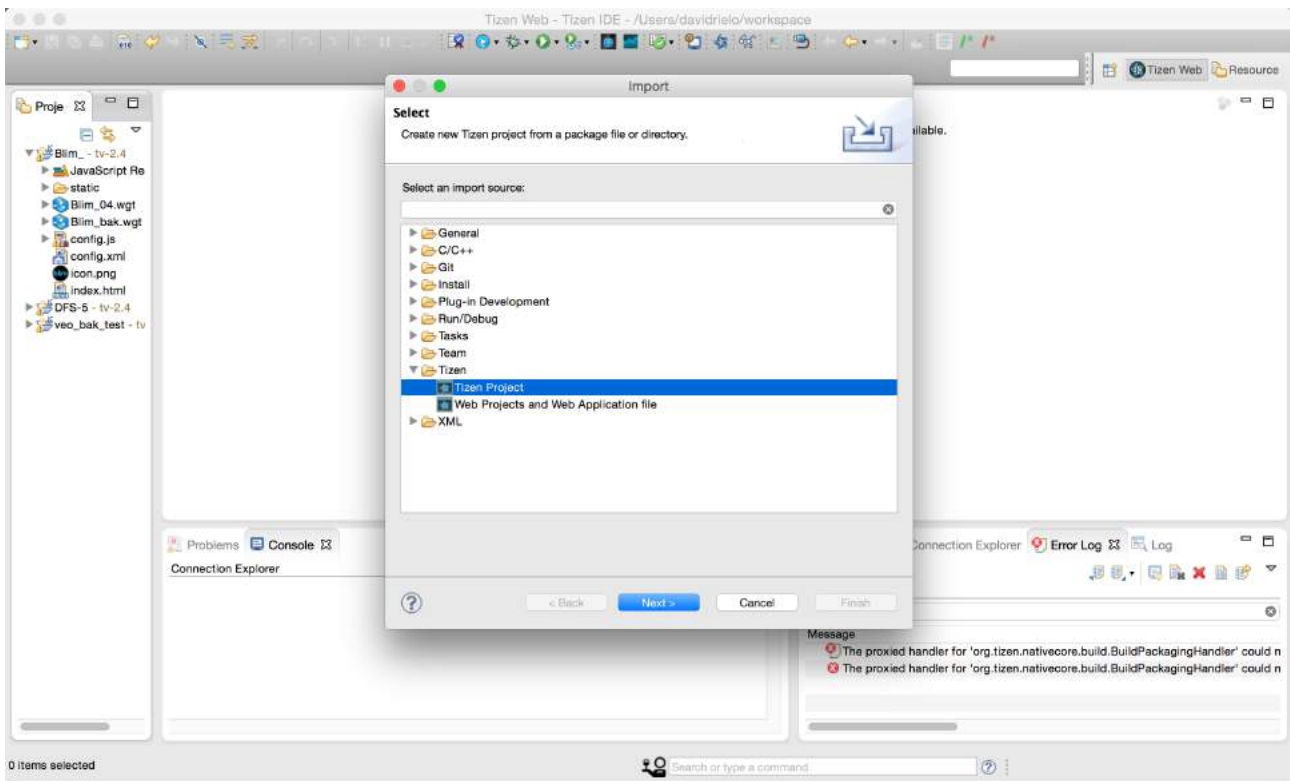
5. With the TV IP is selected, check that it appears on the "Connection explorer" tab:



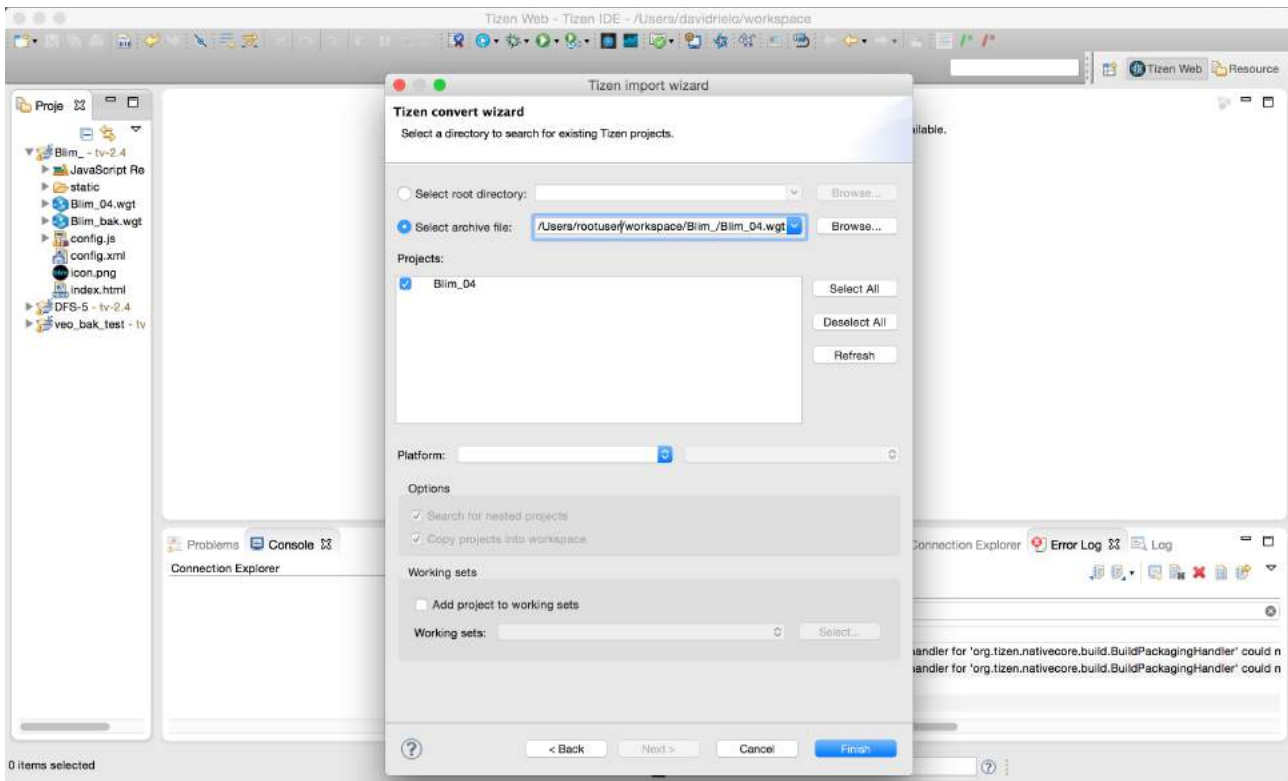
6. Now we need to import the package (the .wgt file). In order to that go to “File>Import...”:



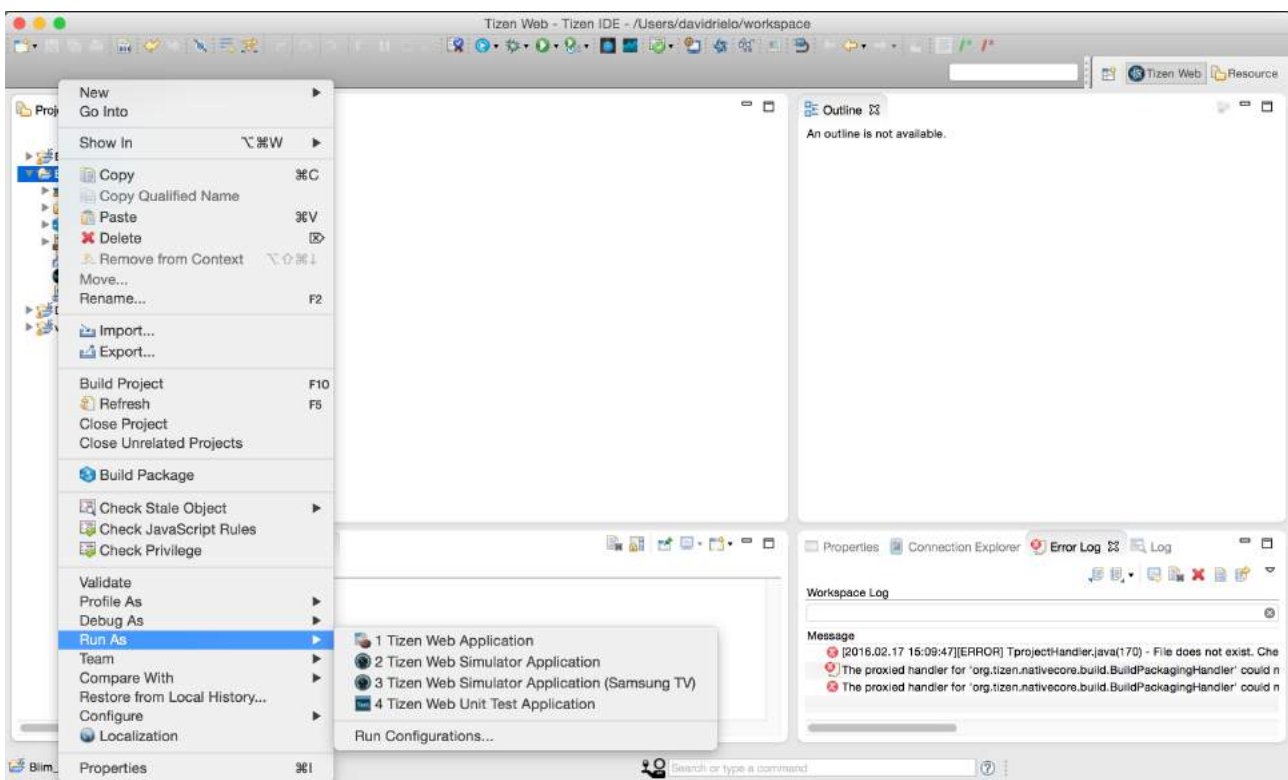
7. Select the “Tizen project” option:



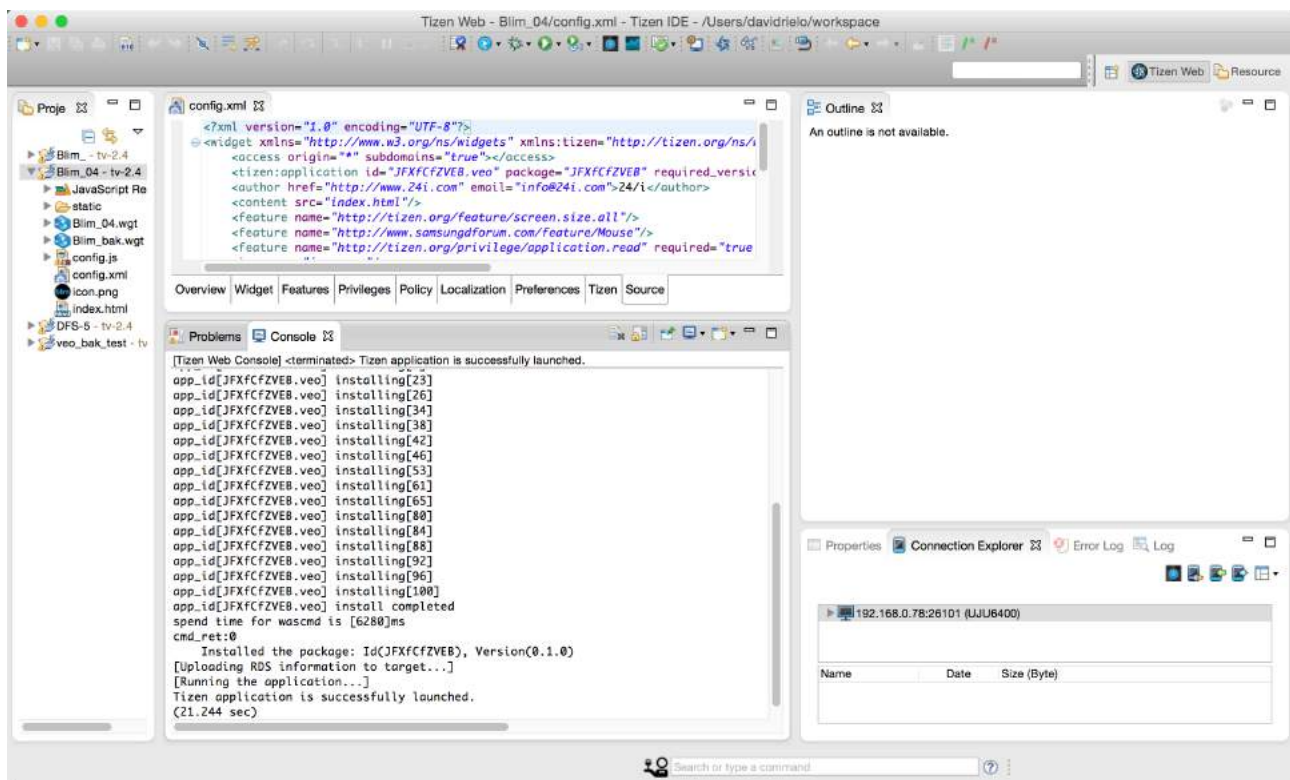
8. Select the “Select archive file” option and press “Browse” to look for the .wgt file:



9. A new project will appear in the project explorer with the same name as the loaded file. Then click with the right button of the mouse on the project in order to open the menu you can see in the image below. Run the project pressing “Run as>Tizen web application”. This will make a new build and send it to the device:

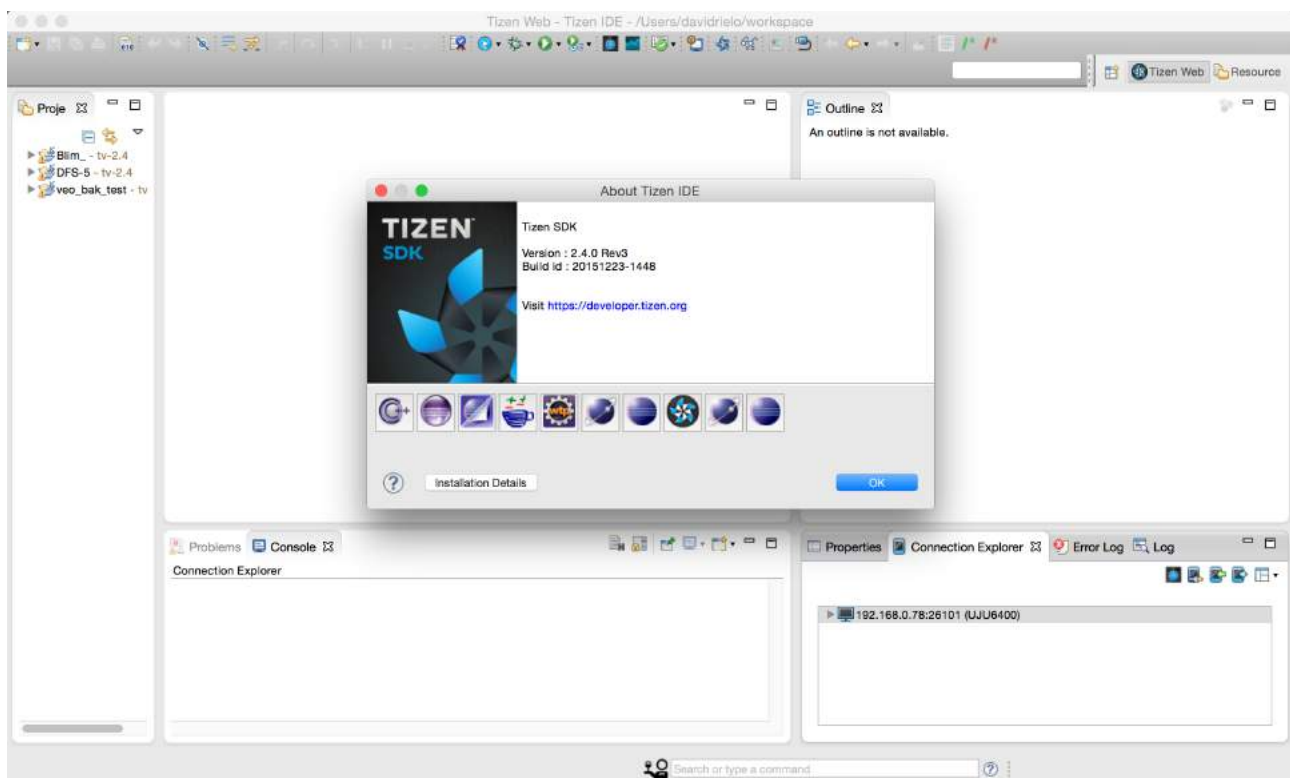


10. Then the Tizen SDK IDE will open the console, initialising the launch environment. If everything has worked as expected, the app should be installed on the device, and automatically started.

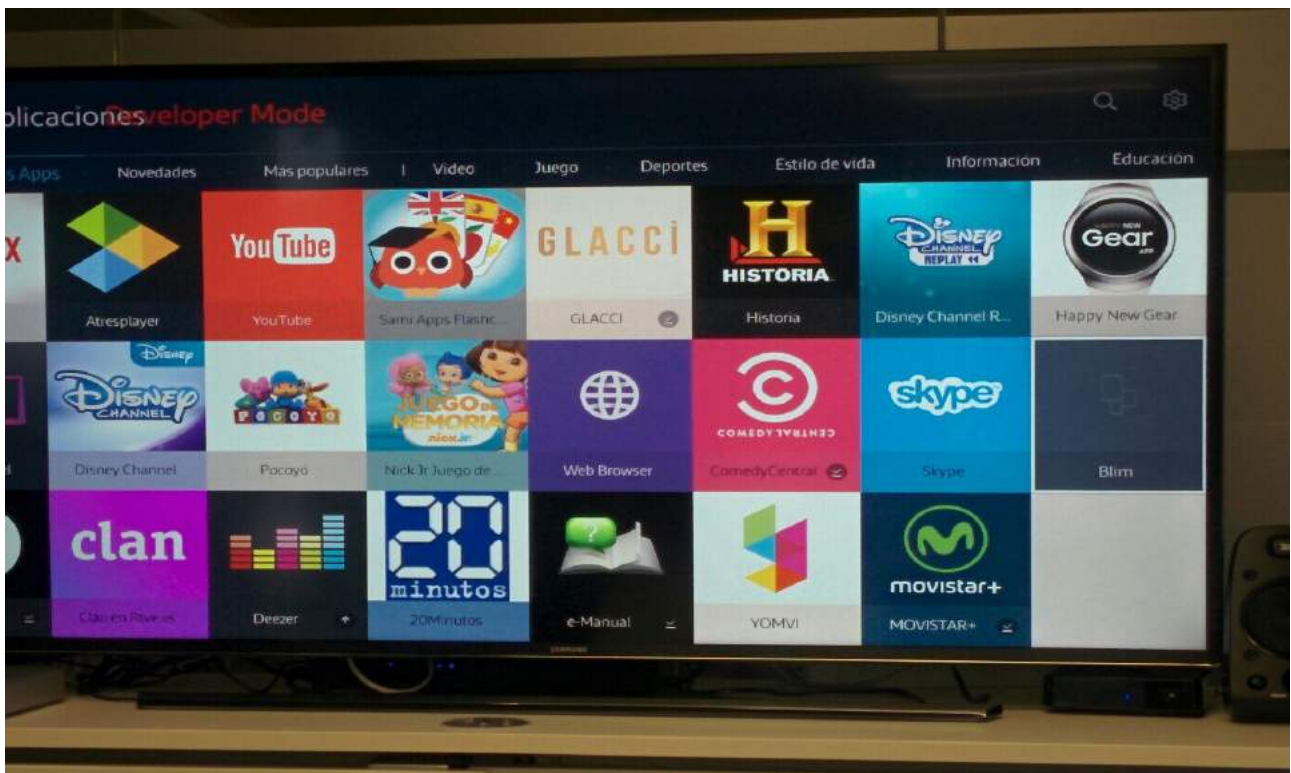


This will trigger the process on the TV, and it will show a message informing that the app is being installed.

The version used for this tutorial is 2.40 Rev3



11. Now enter the “My Apps” section on the TV and browse the section to the right of the screen. There you can find the Blim app:



12. Launch the app:

