

Recreate the "Application Project" "demo"

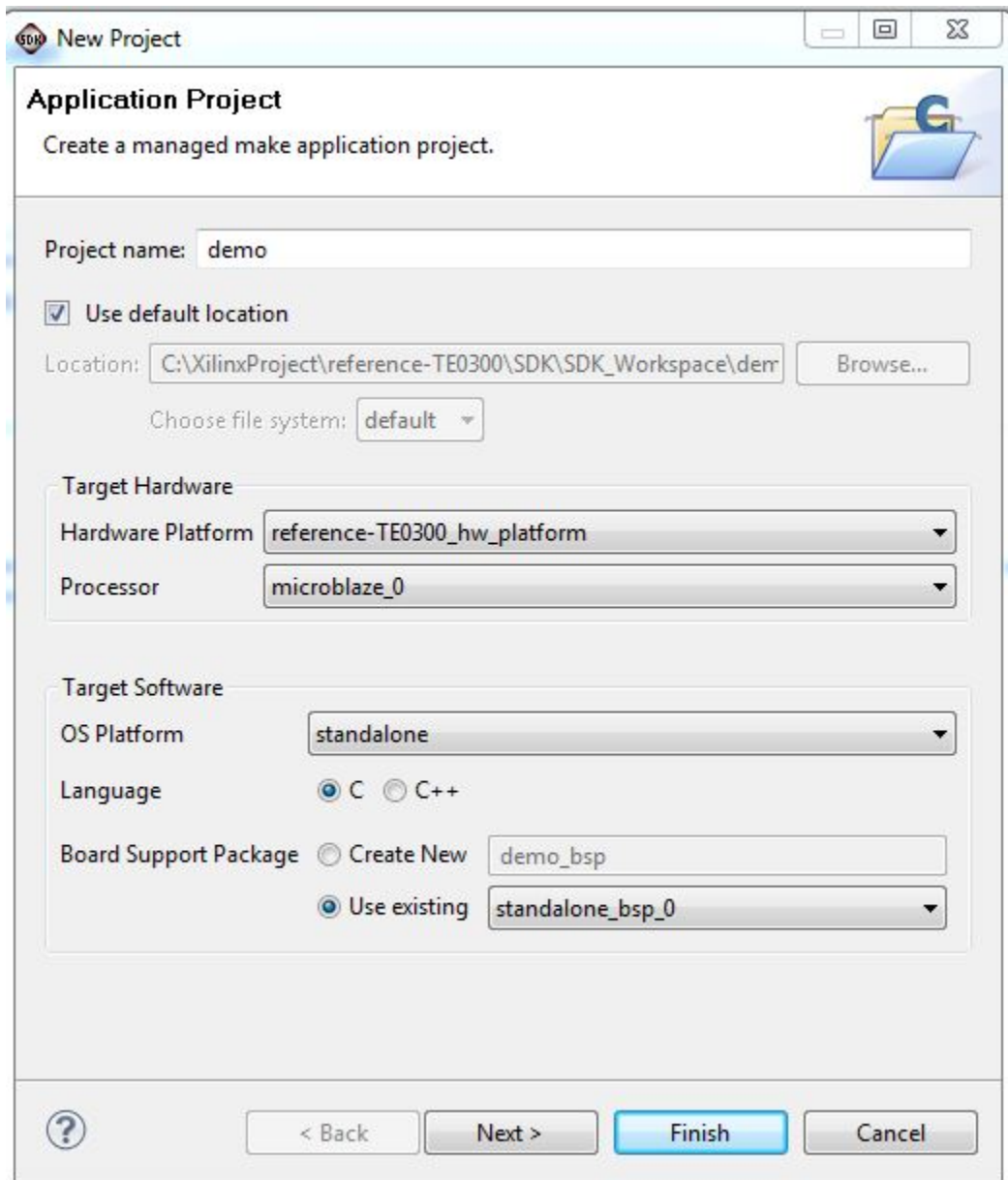
You should click "File" > "New" > "Project".

A pop up "New Project" will appear.

Click "Xilinx" > "Application Project".

A new pop up "New Project Application Project" will appear.

You should set the value of parameters as in the image below.



The screenshot shows the 'New Project' dialog box in the Xilinx IDE. The title bar reads 'New Project'. The main heading is 'Application Project' with the instruction 'Create a managed make application project.' and a folder icon with a 'C'.

The 'Project name' field is set to 'demo'.

The 'Use default location' checkbox is checked.

The 'Location' field shows the path 'C:\XilinxProject\reference-TE0300\SDK\SDK_Workspace\dem'. A 'Browse...' button is to the right.

The 'Choose file system' dropdown is set to 'default'.

Target Hardware

- 'Hardware Platform' is set to 'reference-TE0300_hw_platform'.
- 'Processor' is set to 'microblaze_0'.

Target Software

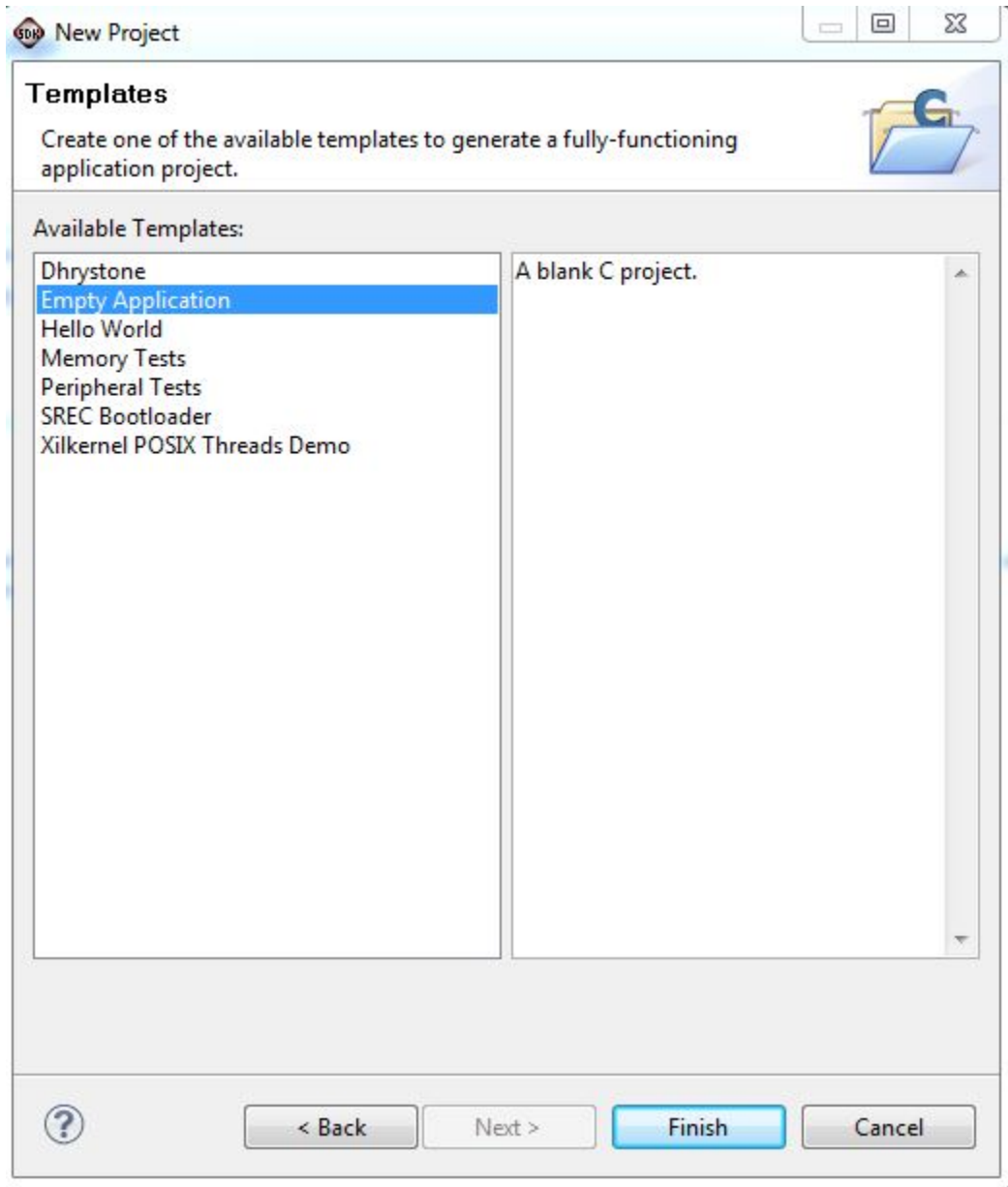
- 'OS Platform' is set to 'standalone'.
- 'Language' has radio buttons for 'C' (selected) and 'C++'.
- 'Board Support Package' has two options:
 - 'Create New' with the text 'demo_bsp' in the adjacent field.
 - 'Use existing' (selected) with a dropdown menu showing 'standalone_bsp_0'.

At the bottom, there is a help icon (?), and four buttons: '< Back', 'Next >', 'Finish' (highlighted in blue), and 'Cancel'.

ApplicationProject demo creation

After this click "Finish".

A new pop-up "New Project Templates" will appear.



Available Templates

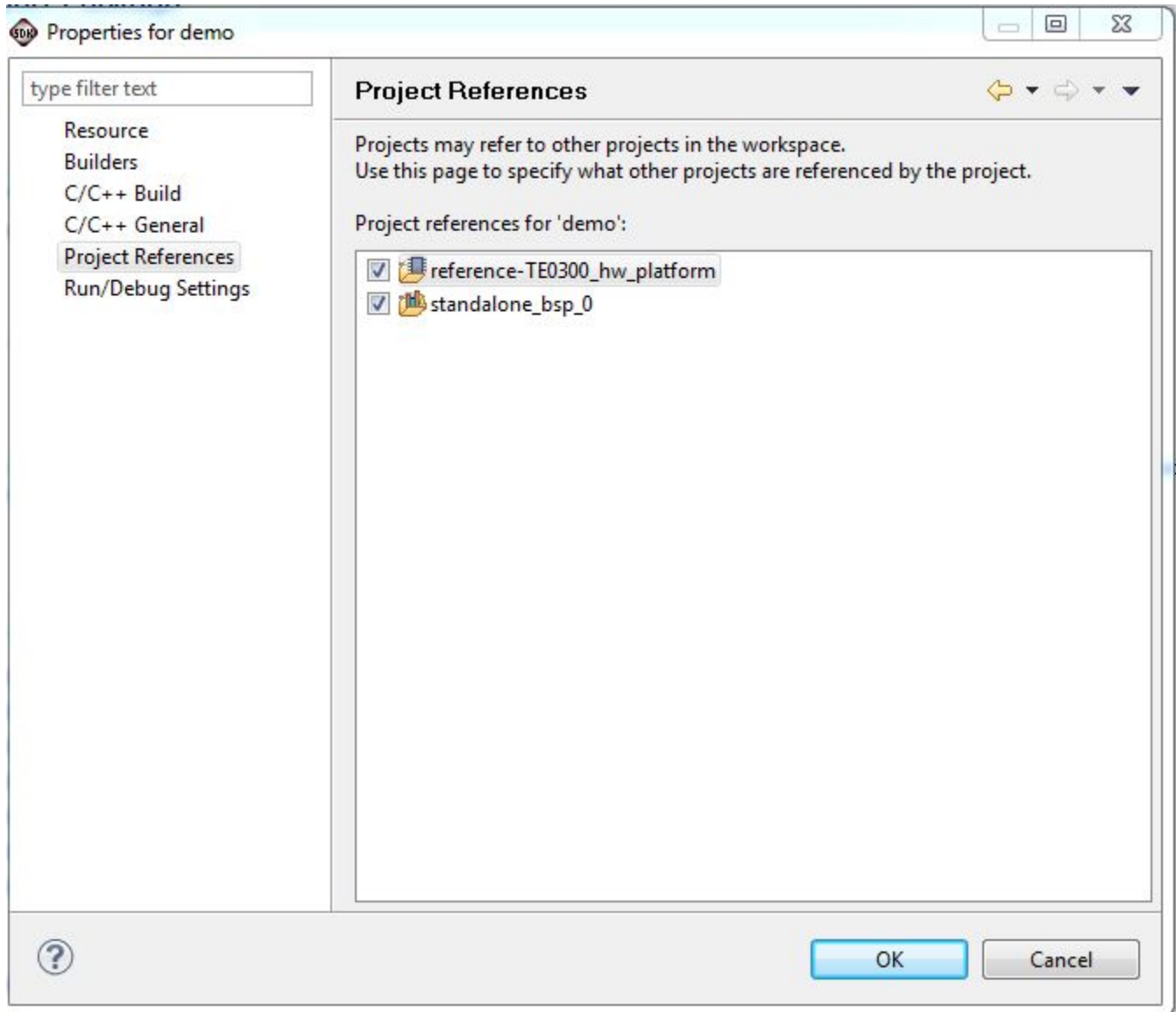
In this case select "Empty Application" under "Available Templates".

Click "Finish".

A new "Application Project" named "demo" will be created in the "Project Explorer".

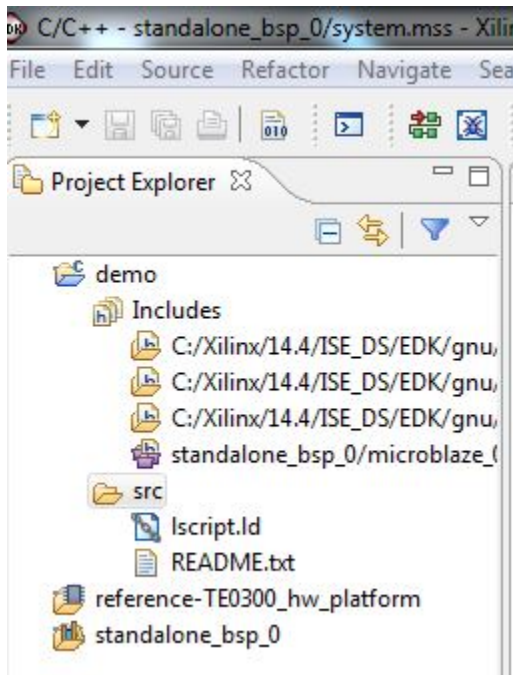
Now you should click "Project" > "Properties". A pop-up "Properties for demo" will appear. Now you should select "Project References".

Now you should assure that "reference-TE0300_hw_platform" and "standalon_bsp_0" are both checked; if their box are not already checked, you should check them now;



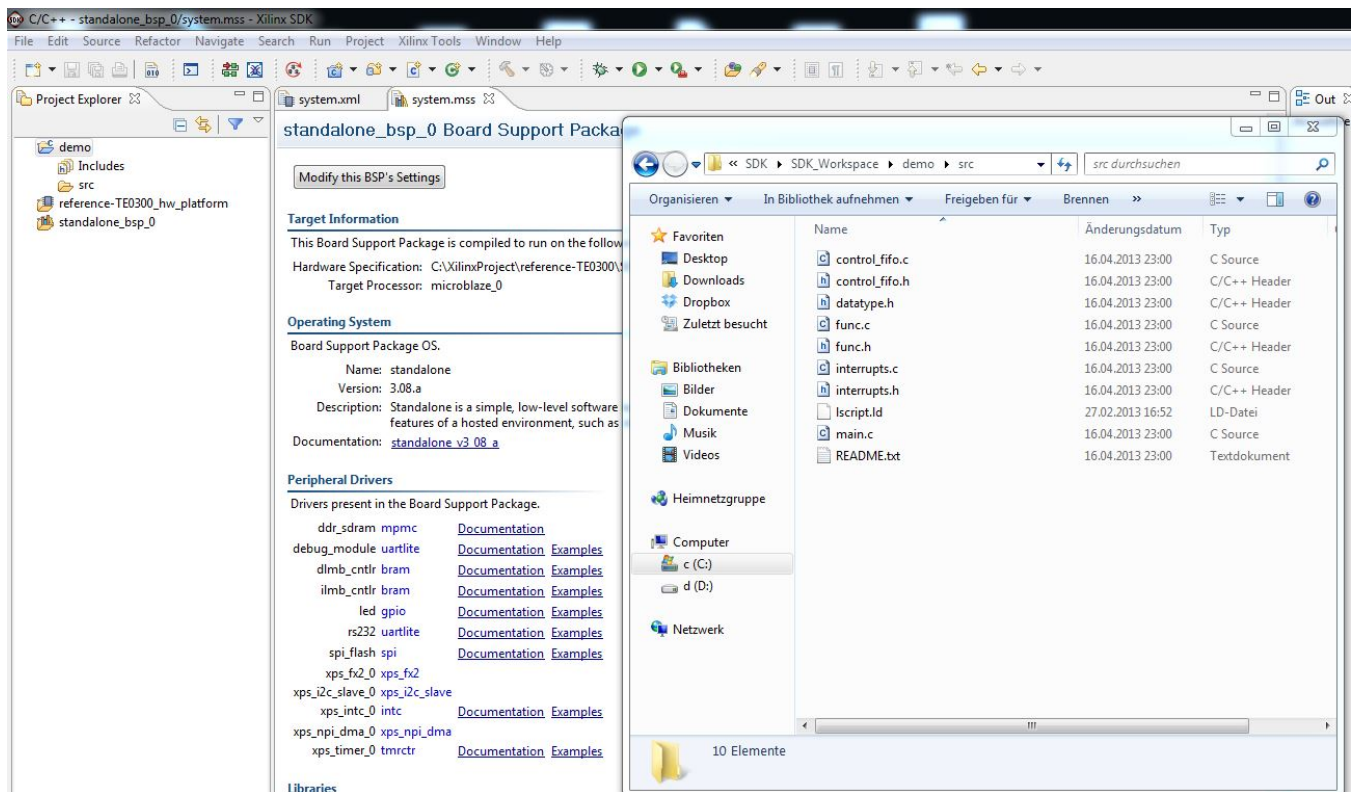
Project References checking

Now the contents of "Project Explorer" should be this one below.



Application Project "demo", BSP and reference hardware checked

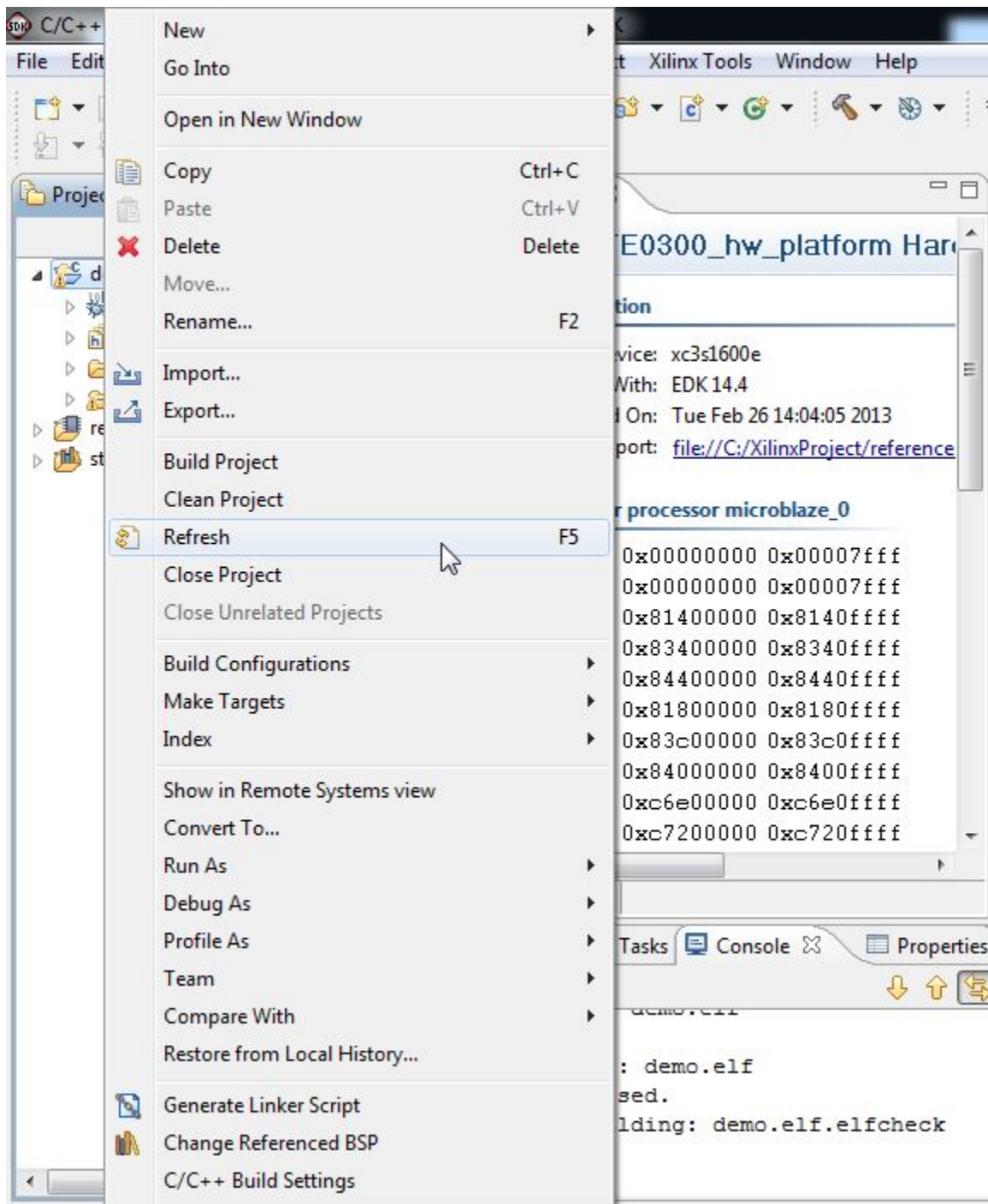
Now you should copy the contents of the original demo (all .c and .h files from "TE0xxx-Reference-Designs\reference-TE0xxx\SDK\SDK_Workspace\demo\src" already moved in the temporary folder "C:\demo_src_TE") inside the folder "C:\XilinxProject\reference-TE0xxx\SDK\SDK_Workspace\demo\src" as already do in the figure below.



Application Project "demo" created and original .c and .h file are moved inside src subfolder

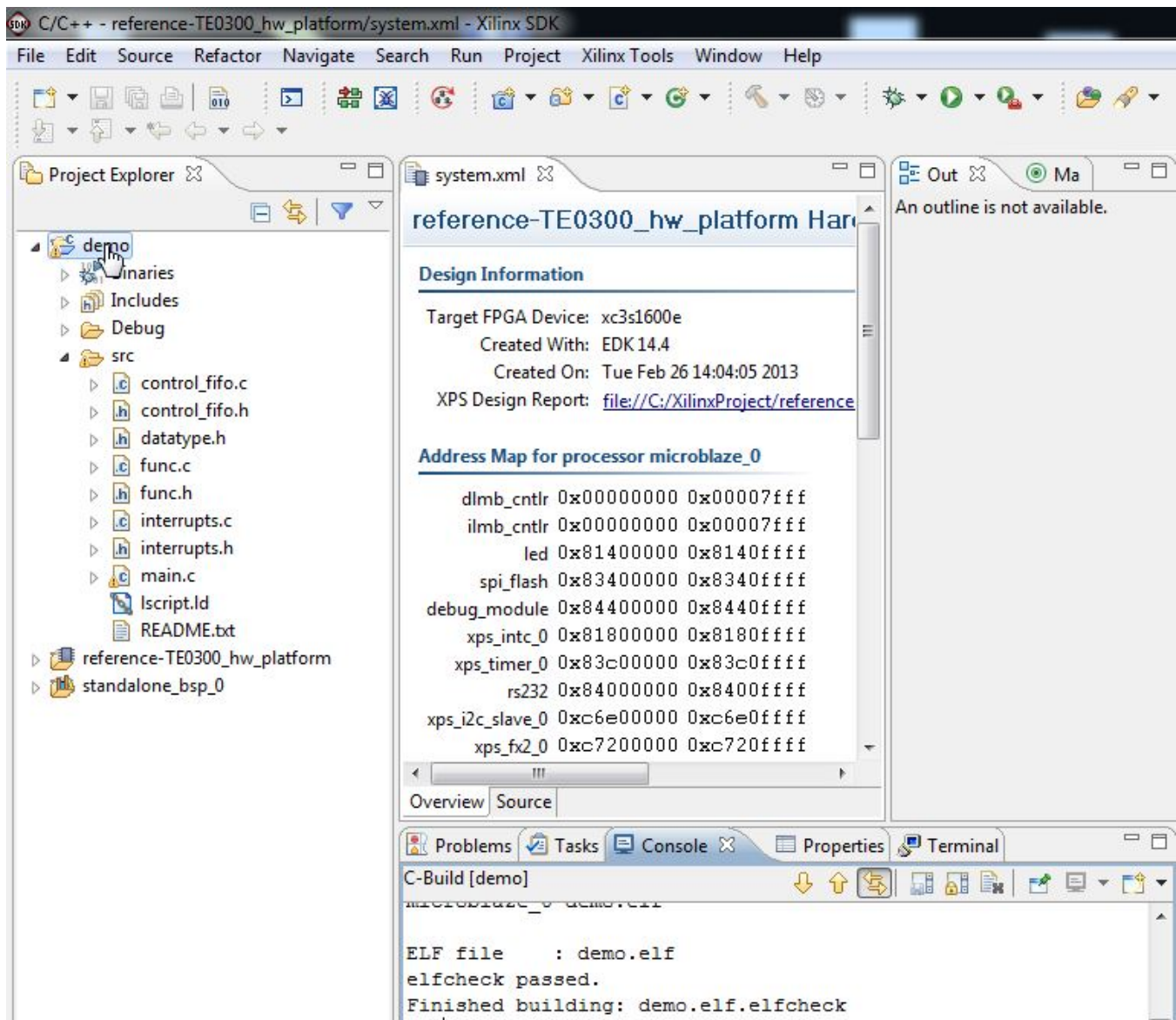
You should select "src" folder in "Project Explorer" > "demo", right click and select "Refresh"; in this way the .h and .c files will appear under the "src" folder of "Project Explorer".

You should select "demo" folder in "Project Explorer", right click and select "Refresh".



Refresh the Application Project "demo"

After the "Refresh" operation the .h and .c files should appear in "Project Explorer" under "demo\src".



Select "demo" project