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.

nlication Project		-	
reate a managed mak	e application project.	G	
roject name: demo			
Use default location	1		
ocation: C:\XilinxPro	ject\reference-TE0300\SDK\SDK_Workspace\dem	Browse	
Choose file s	ystem: default 👻		
Target Hardware			
Hardware Platform	eference-TE0300_hw_platform	•	
Processor r	nicroblaze 0		
Target Software			
OS Platform	standalone 🔹		
Language			
Board Support Packag	ge 🔘 Create New demo_bsp		
	Use existing standalone_bsp_0	•	

ApplicationProject demo creation

After this clik "Finish".

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

New Project		
Templates Create one of the available template application project.	es to generate a fully-functioning	G
Available Templates:		
Dhrystone Empty Application Hello World Memory Tests Peripheral Tests SREC Bootloader Xilkernel POSIX Threads Demo	A blank C project.	
Back	Next > Finish	Cancel

Available Templates

In this case select "Empty Apllication" 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;

Properties for demo		
type filter text	Project References	
Resource Builders C/C++ Build C/C++ General Project References Run/Debug Settings	Project references for 'demo': Project references for 'demo': Project reference-TE0300_hw_platform Standalone_bsp_0	ace. ferenced by the project.
?		OK Cancel

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\scr" as already do in the figure below.

C/C++ - standalone_bsp_0/system.mss - Xi	linx SDK				
File Edit Source Refactor Navigate Se	earch Run Project Xilinx Tools Window Help				
📑 🗝 🗟 े 🖬 🗖 😫 🌌	🚯 🔞 • 🚳 • 🖸 • 🎯 • 🚳 • 🗞 •	🔘 • 💁 • 🛛 🙆 🛷 •	• 🔲 🗊 🗄 • 🖗 • 🗇 •		
Project Explorer 😫 📃 🗖	system.xml 🙀 system.mss 🛛				- 🗆 🗄 Out 🛙
□ 🔄 🔻 🗸	standalone bsp 0 Board Support Packa				
😂 demo	_ 1_ 11				
🔊 Includes	Modify this BSP's Settings		◆ SDK_Workspace ◆ demo ◆ src ◆	src durchsuchen	
sic sic reference-TE0300_hw_platform		Organisieren 🔻 In	Bibliothek aufnehmen 🔻 🛛 Freigeben für 👻	Brennen »	· · · · · · · · · · · · · · · · · · ·
🐞 standalone_bsp_0	Target Information	A Familia	Name	Änderungsdatum	Тур
	This Board Support Package is compiled to run on the follow	Pavoriten	C control file c	16.04.2012.22.00	C Sauraa
	Hardware Specification: C:\XilinxProject\reference-TE0300\!	Downloads	Control_mo.c	16.04.2013 23:00	C/C++ Header
	Target Processor: microblaze_0	Stropbox	datatype.b	16.04.2013 23:00	C/C++ Header
	Operating System	强 Zuletzt besucht	g func.c	16.04.2013 23:00	C Source
	Board Support Package OS.		h func.h	16.04.2013 23:00	C/C++ Header
	Name: standalone	🥽 Bibliotheken	interrupts.c	16.04.2013 23:00	C Source
	Version: 3.08.a	🔛 Bilder	🖻 interrupts.h	16.04.2013 23:00	C/C++ Header
	Description: Standalone is a simple, low-level software	Dokumente	Script.ld	27.02.2013 16:52	LD-Datei
	Documentation: standalone v3 08 a	J Musik	C main.c	16.04.2013 23:00	C Source
	A REAL PROPERTY OF THE REAL PR	Videos	README.txt	16.04.2013 23:00	Textdokument
	Peripheral Drivers				
	Drivers present in the Board Support Package.	K Heimnetzgruppe			
	ddr_sdram mpmc <u>Documentation</u>	Computer			
	debug_module uartite <u>Documentation</u> Examples	Computer			
	dimb_cntir bram <u>Documentation</u> Examples	a d (D:)			
	led grip Documentation Examples				
	rs232 uartite Documentation Examples	📬 Netzwerk			
	spi_flash spi Documentation Examples				
	xps_fx2_0 xps_fx2				
	xps_i2c_slave_0 xps_i2c_slave				
	xps_intc_U intc <u>Documentation</u> Examples		•		•
	xps_time_0 tmrctr Documentation Examples	10 Elemen	ie .		
	Libraries]

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 appears under the "src" folder of "Project Explorer".

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

500 C/C++		New	+	
File Edit		Go Into		t Xilinx Tools Window Help
		Open in New Window		S ² • C • S • K • S •
Projec Projec Projec Projec St		Copy Paste Delete Move	Ctrl+C Ctrl+V Delete	E0300_hw_platform Har
	è 2	Rename Import Export Build Project	F2	tion wice: xc3s1600e With: EDK 14.4 I On: Tue Feb 26 14:04:05 2013 port: <u>file://C:/XilinxProject/reference</u>
	2	Refresh Close Project Close Unrelated Projects Build Configurations Make Targets Index Show in Remote Systems view Convert To Run As Debug As Profile As Team Compare With Restore from Local History Generate Linker Script	F5	r processor microblaze_0 0x00000000 0x00007fff 0x81400000 0x8140ffff 0x83400000 0x8340ffff 0x84400000 0x8340ffff 0x81800000 0x83c0ffff 0x83c00000 0x83c0ffff 0x84000000 0x6e0ffff 0xc6e00000 0xc6e0ffff 0xc7200000 0xc720ffff ↓ Tasks Console C Properties ↓ ↑ © ccemo.clf sed. lding: demo.elf.elfcheck
× [UN.	C/C++ Build Settings		

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