DOCUMENTATION INTERFACE
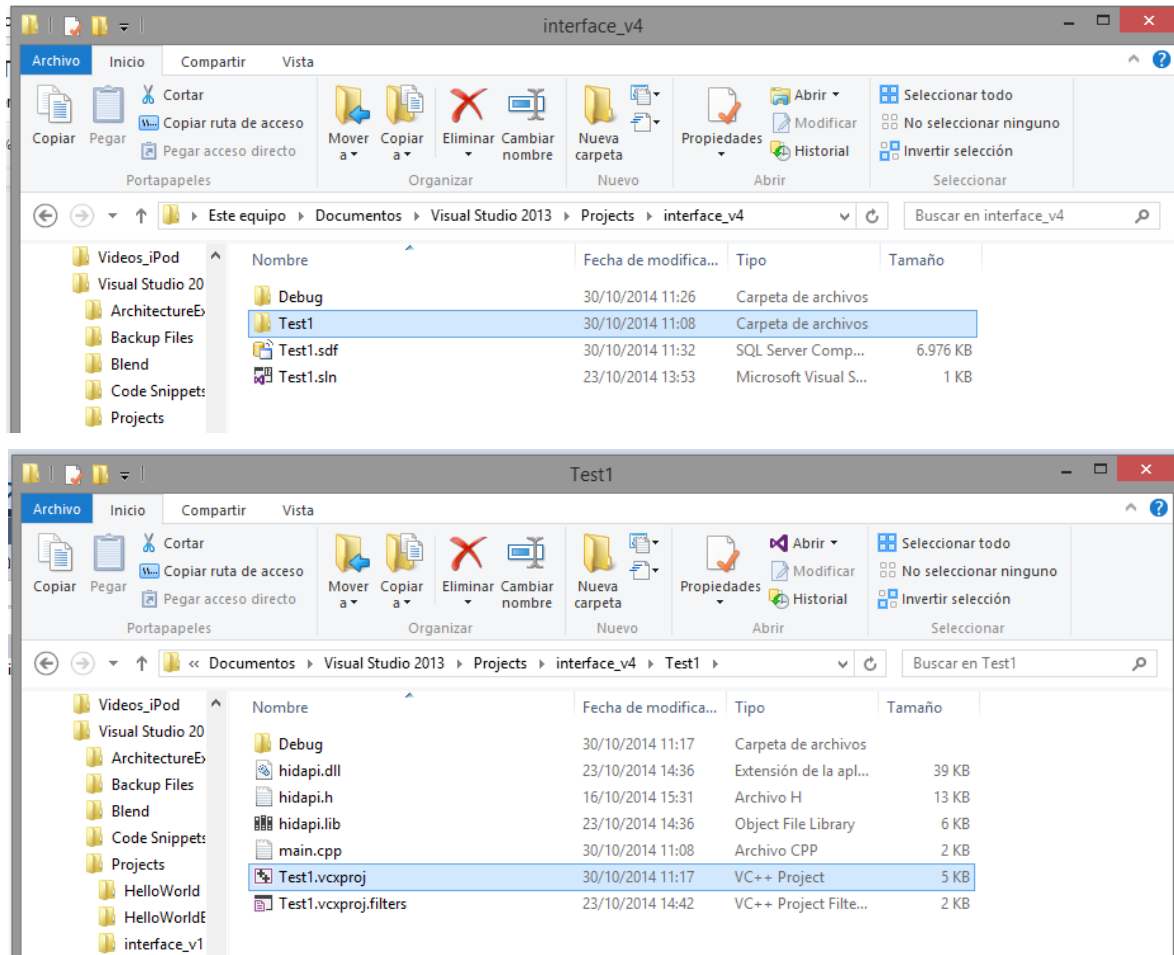
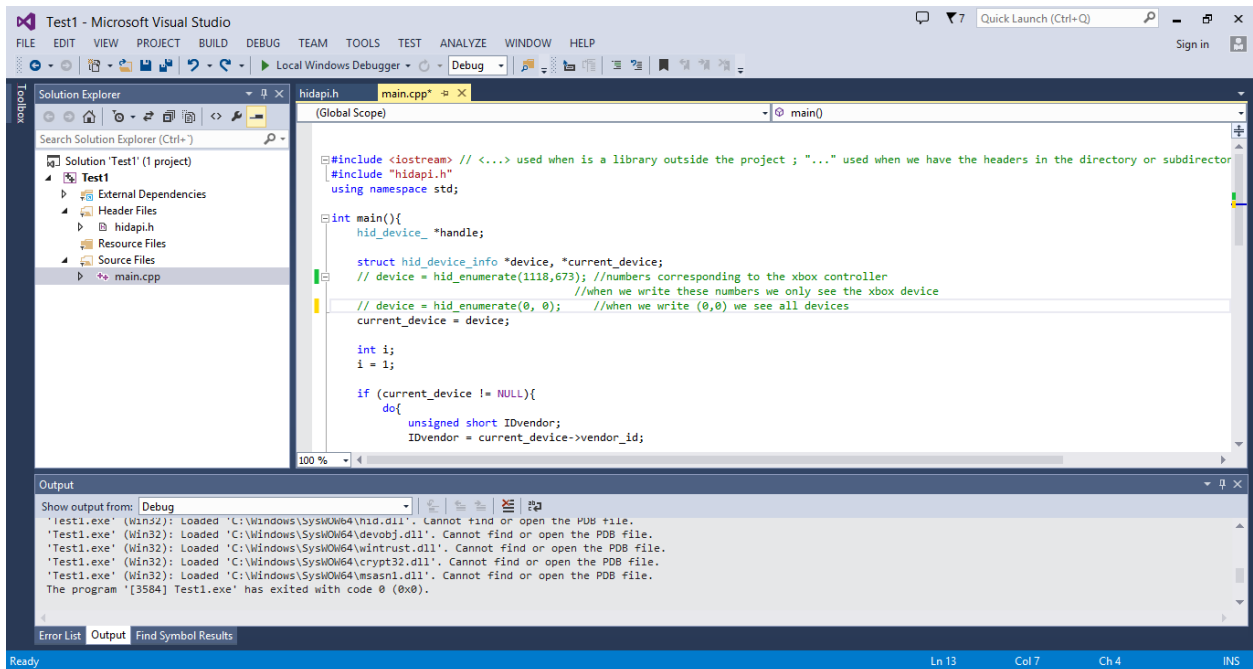**Milestone: C++ program (Visual Studio) working with Xbox Joystick**
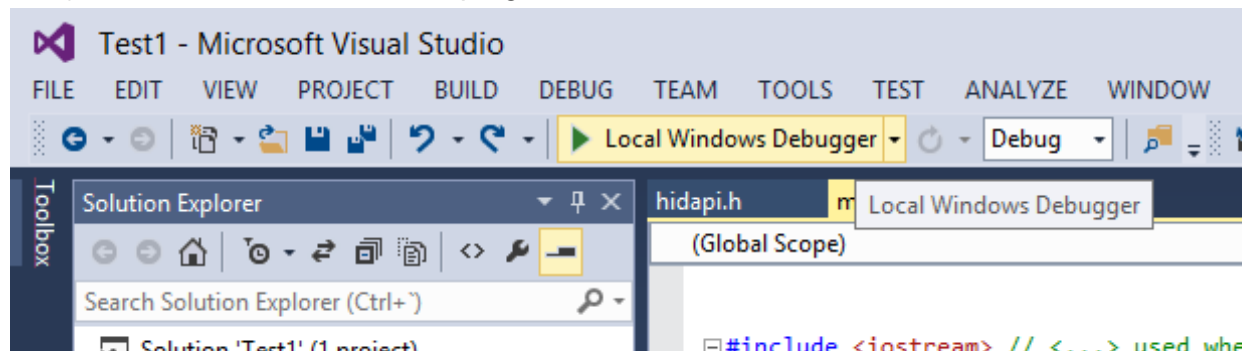We have two different options to work with the joystick through a C++ program.

A) Run the program using Visual Studio:
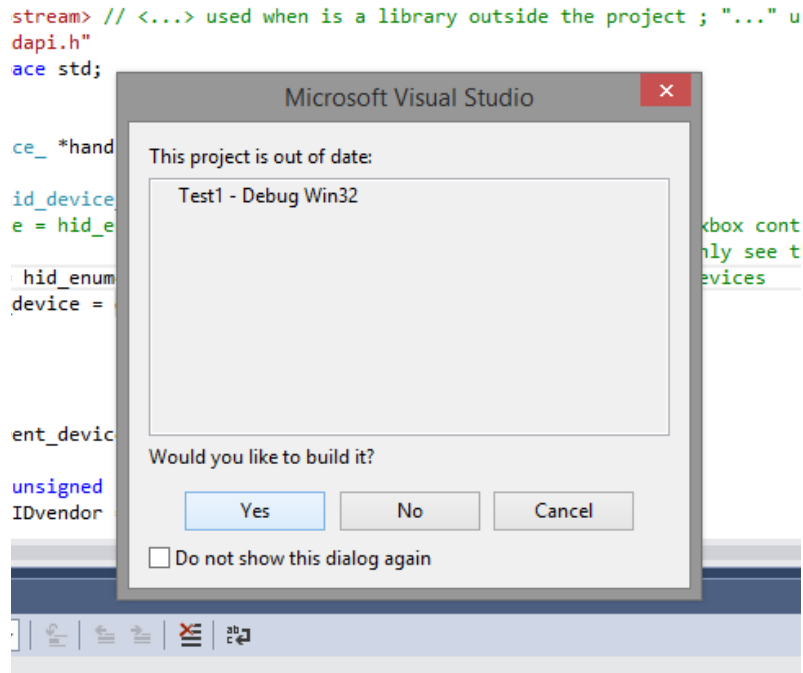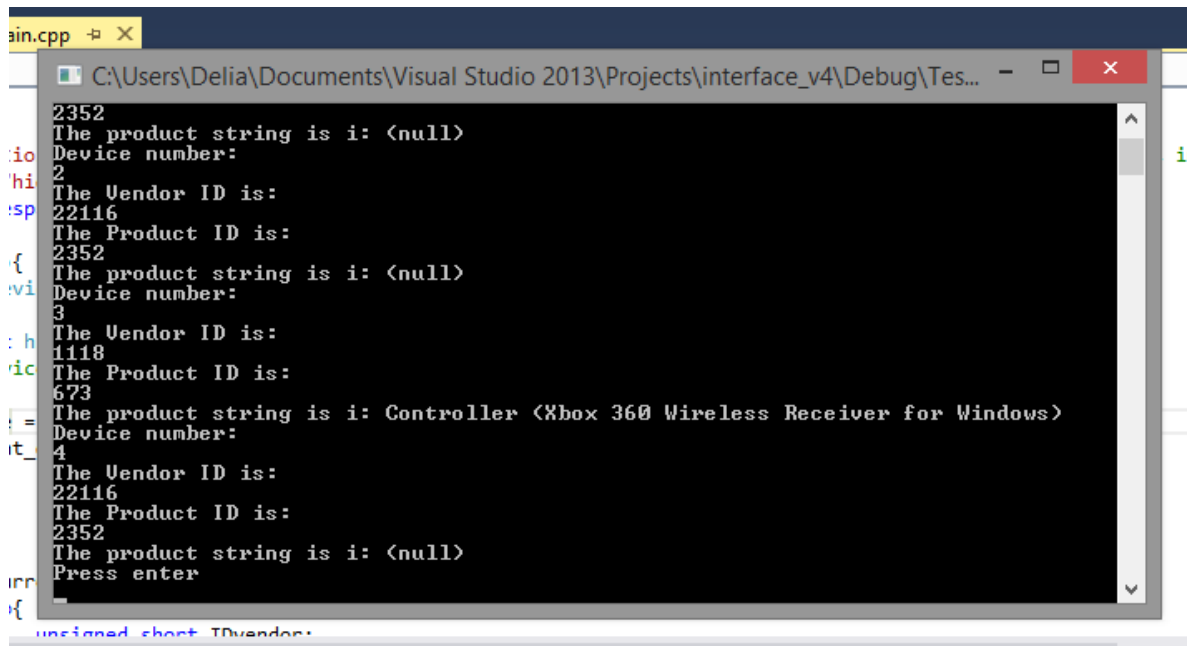1) Open *interface_v4/Test1/Test1.vcxproj*.

2) Then we have to build the program and run it.


3) If a prompt appears, say *Yes*:

```
stream> // <...> used when is a library outside the project ; "..." u
dapi.h"
ace std;

ce_ *hand
```

Microsoft Visual Studio ✕

This project is out of date:

> Test1 - Debug Win32

Would you like to build it?

[Yes]   [No]   [Cancel]

☐ Do not show this dialog again

```
id_device
e = hid_e                                          xbox cont
                                                   nly see t
 hid_enum                                          evices
device =

ent_devic

unsigned
IDvendor
```

4) See the results:

```
C:\Users\Delia\Documents\Visual Studio 2013\Projects\interface_v4\Debug\Tes...   ─  □  ✕

2352
The product string is i: (null)
Device number:
2
The Vendor ID is:
22116
The Product ID is:
2352
The product string is i: (null)
Device number:
3
The Vendor ID is:
1118
The Product ID is:
673
The product string is i: Controller (Xbox 360 Wireless Receiver for Windows)
Device number:
4
The Vendor ID is:
22116
The Product ID is:
2352
The product string is i: (null)
Press enter
```
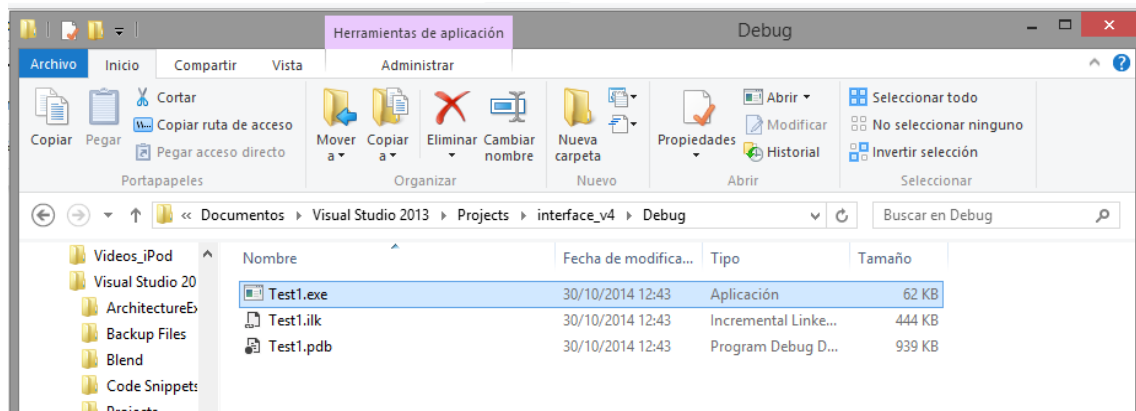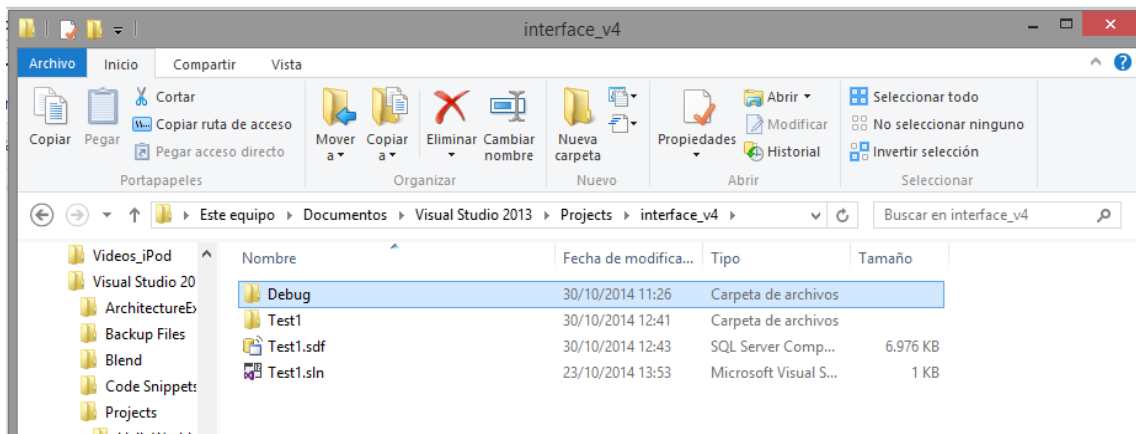
B)Executable file that works in every computer with Visual Studio installed.
   1) We should provide a folder which contains the .exe file (*Test1.exe*, in this case) and the
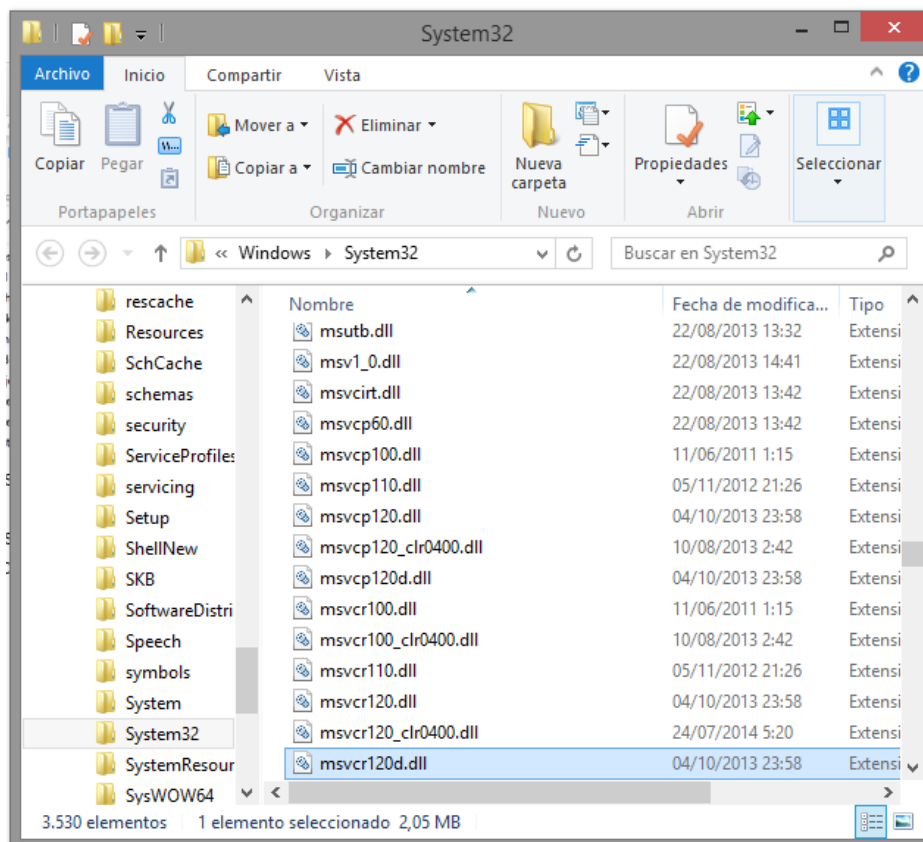   necessary libraries (*msvcr120d.dll* and *hidapi.dll*).
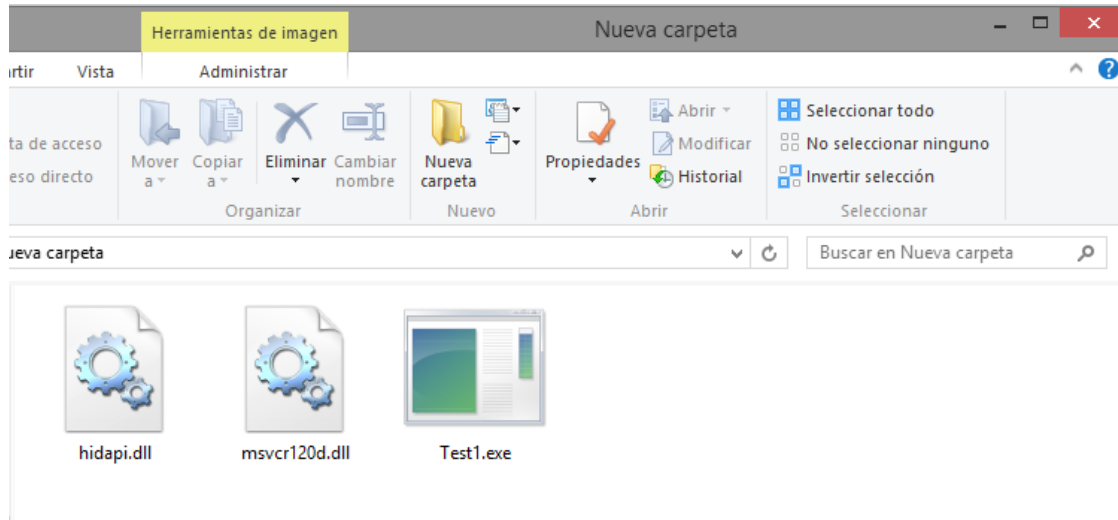
2) This *Test1.exe* can be found in the *Debug* folder inside *interface_v4*. It is created automatically when we run the project for first time.

3) This *hidapi.dll* can be found in *interface_v4/Test1/:*
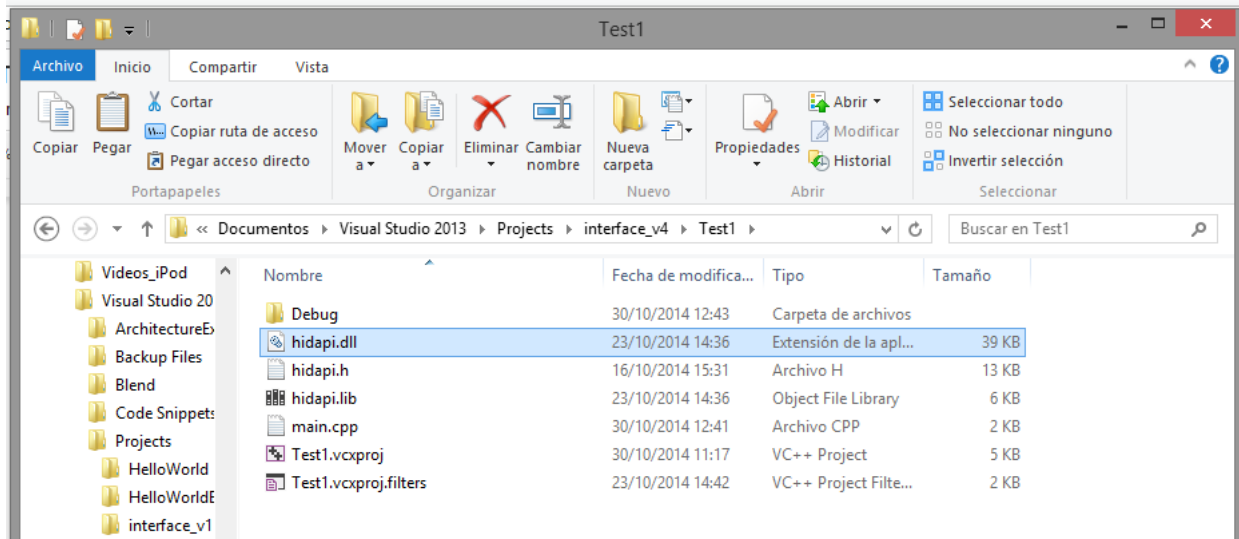
4) This *msvcr120d.dll* can be found at */System32.*

5) This program will show us the information about our usb ports. It will show that Microsoft Xbox wireless controller is plugged in, if it is.

```
C:\Users\Delia\Documents\Visual Studio 2013\Projects\interface_v4\Debug\Tes...    –  □  ×

2352
The product string is i: (null)
Device number:
2
The Vendor ID is:
22116
The Product ID is:
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The product string is i: (null)
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The Vendor ID is:
22116
The Product ID is:
2352
The product string is i: (null)
Press enter
```