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Rafael Ivo

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Visual Studio 2017 - Windows Forms

[Windows Forms](#) > [Windows Forms Designer](#)

Question

I want to create a Windows Form Project using C++ but this option is not available. It is available only if I use C#. What I have to do to solve this situation? I suppose other people had the same problem and maybe can help me.

0

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Wednesday, May 31, 2017 8:41 PM

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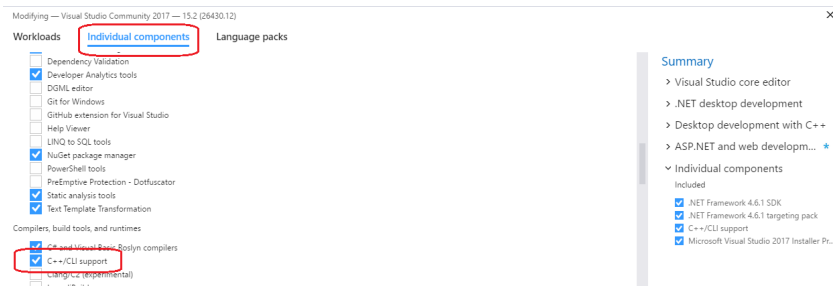
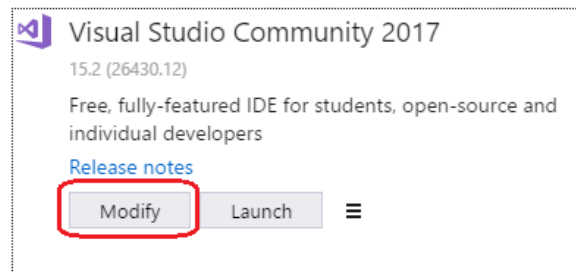
Hi Rafael,

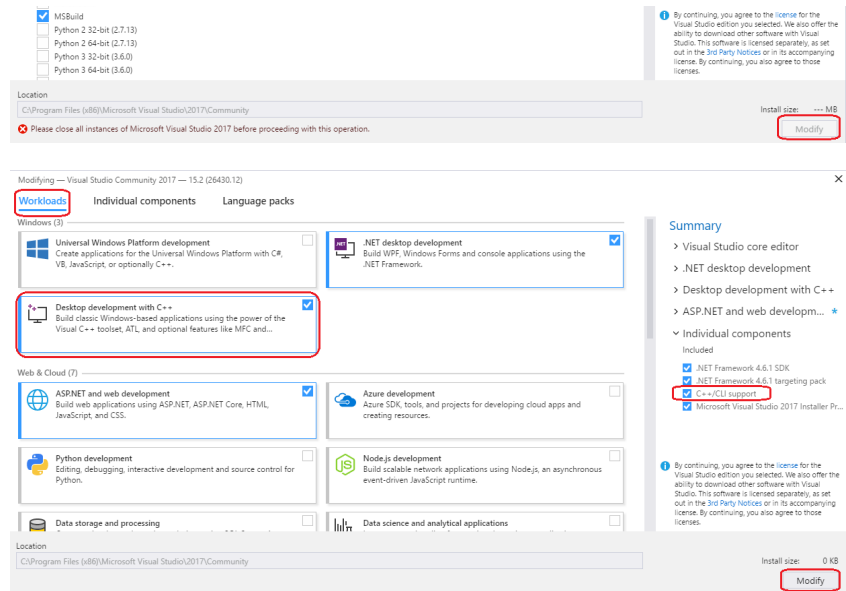
I will be divided into several replies to your question because each reply can only paste up to 9 pictures.

If you want to create a Windows Form Project using C++, then please refer to the detailed tutorial below step by step:

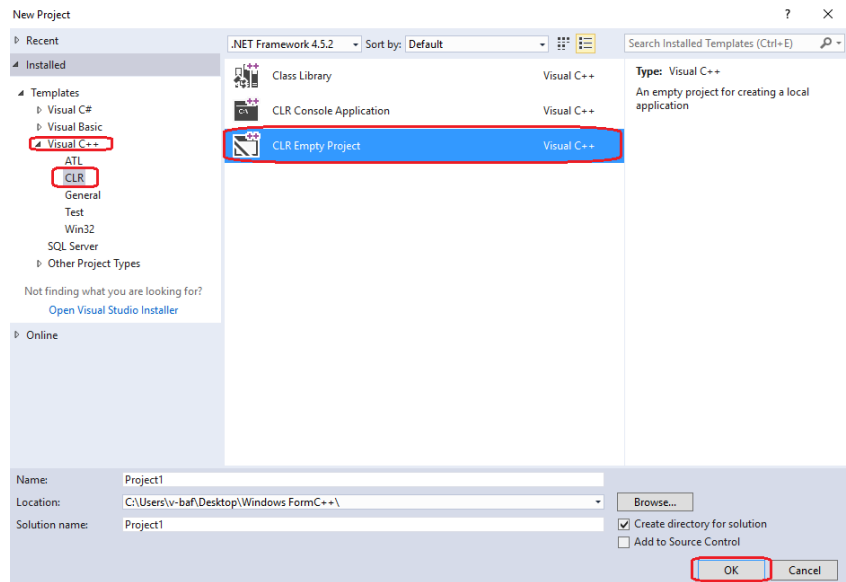
1, Make sure your Visual Studio 2017 have installed C++ package with C++/CLR:

Installed

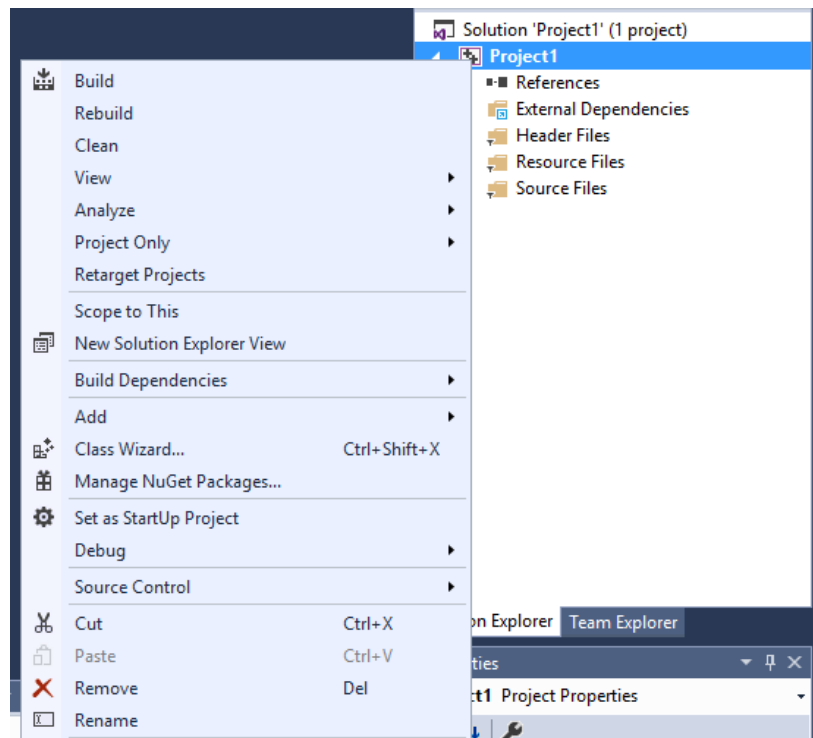




2, If you have installed all the package and components, then open Visual Studio 2017 and create a new project:

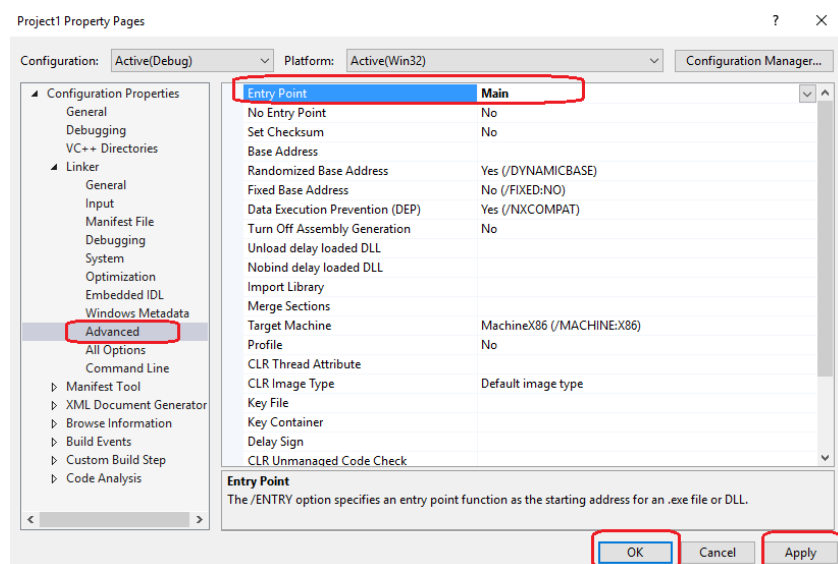
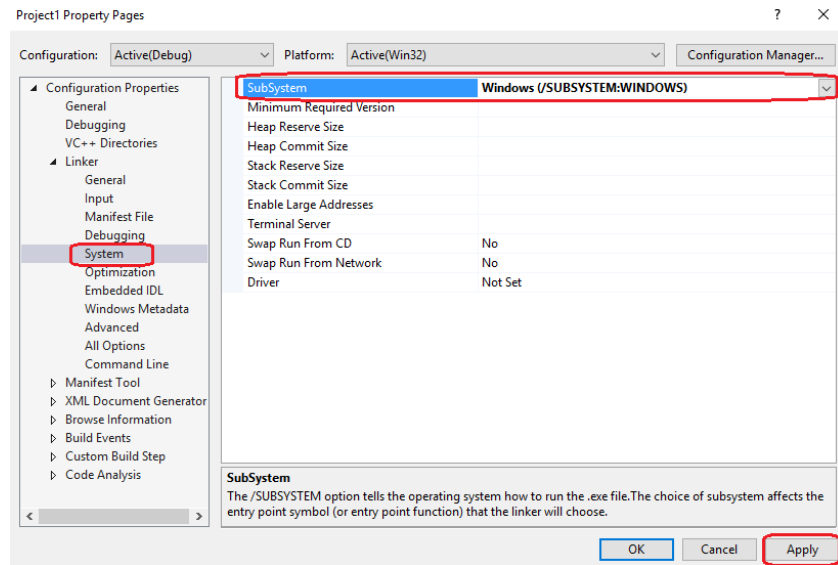


Right click on the Project1 and choose Properties option:





Then:




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Edited by Stanly Fan Microsoft contingent staff, Moderator Thursday, June 01, 2017 4:31 AM

Proposed as answer by Stanly Fan Microsoft contingent staff, Moderator Monday, June 05, 2017 5:48 AM

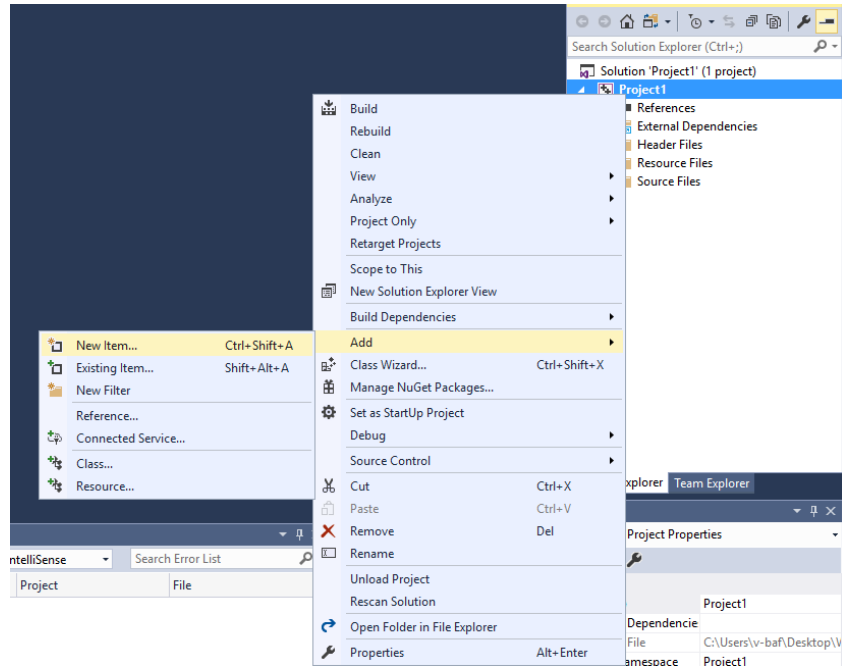
Thursday, June 01, 2017 4:29 AM

Moderator 

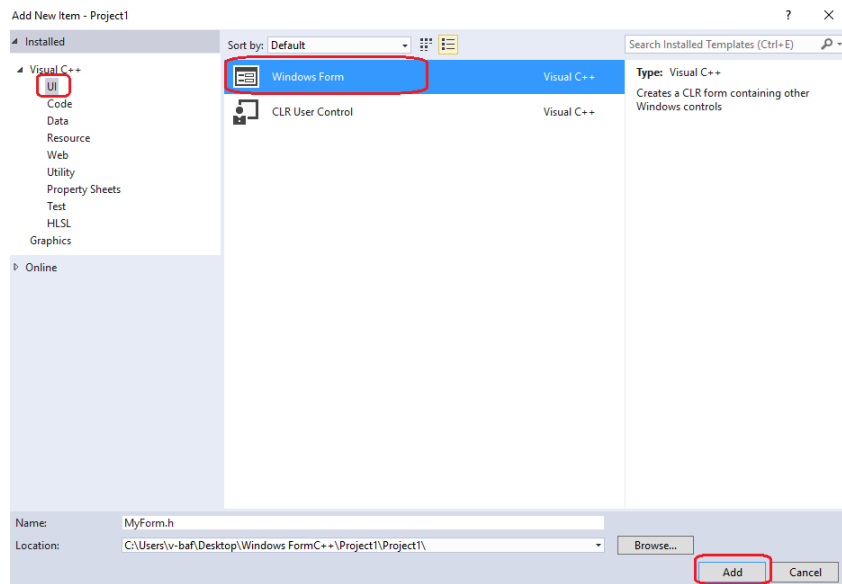
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Stanly Fan Wicrosoft (MSFT CSG) 9,270 Points

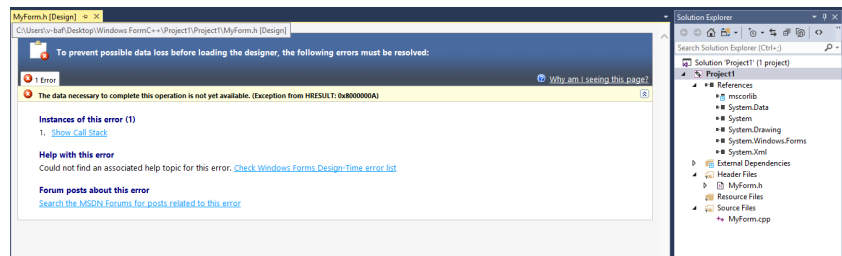
3, Add a new item:



Choose the Windows Form:



And now you will say the below error:



Don't worry, close it and add the following code to the MyForm.cpp:

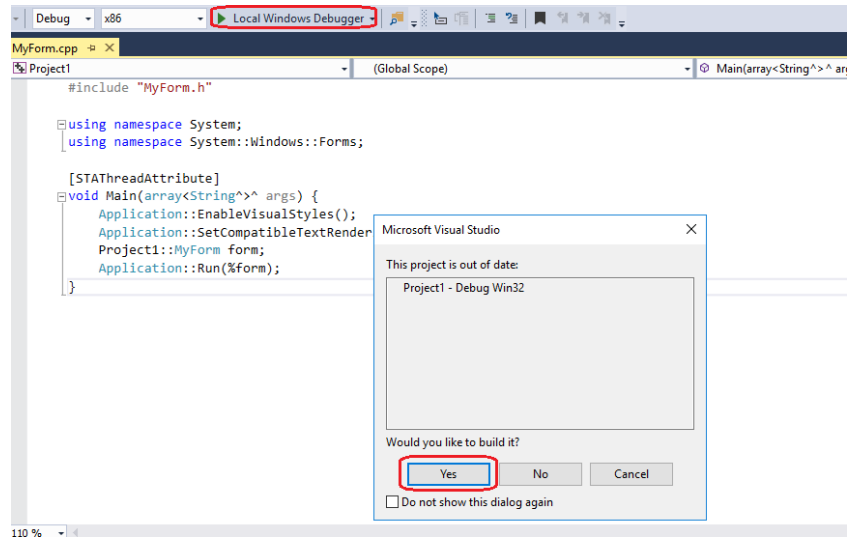
```
using namespace System;
using namespace System::Windows::Forms;

[STAThreadAttribute]
void Main(array<String^>^ args) {
    Application::EnableVisualStyles();
    Application::SetCompatibleTextRenderingDefault(false);
    Project1::MyForm form;
    Application::Run(%form);
}
```

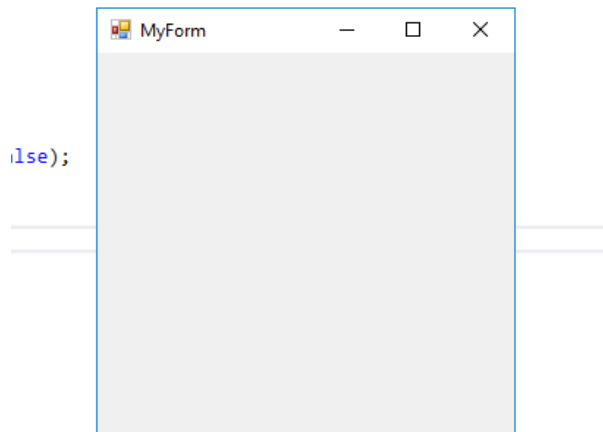
```
}  
  
MyForm.cpp*  X  
Project1 (Global Scope)  
#include "MyForm.h"  
  
using namespace System;  
using namespace System::Windows::Forms;  
  
[STAThreadAttribute]  
void Main(array<String^>^ args) {  
    Application::EnableVisualStyles();  
    Application::SetCompatibleTextRenderingDefault(false);  
    Project1::MyForm form;  
    Application::Run(%form);  
}
```

Then save it and close the Visual Studio 2017, then reopen your Project1.

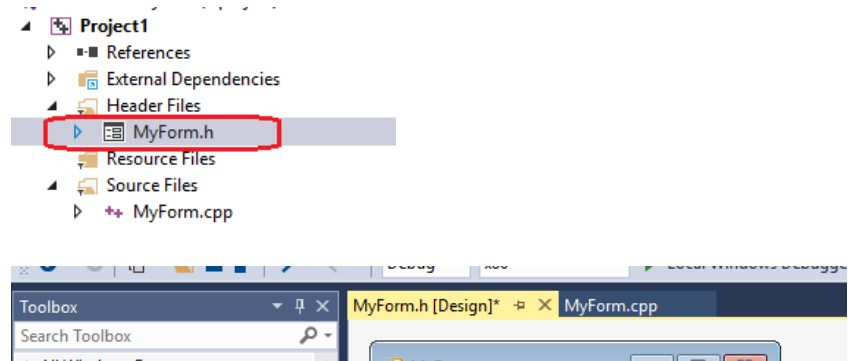
4, When you reopen your Project1, then debug it first:

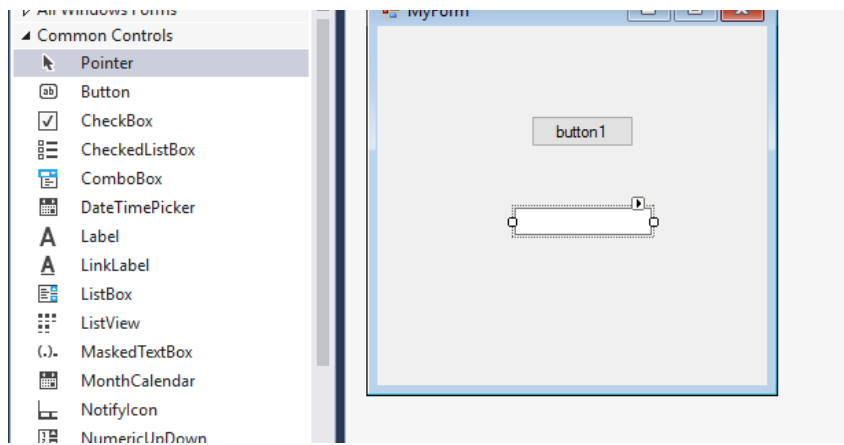


And the display:



5, Now you can do your options in the form by double click MyForm.h:





That's all, hope this helps!

Best Regards,


Stanly

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Proposed as answer by [Bob Ding](#) Microsoft contingent staff, Moderator Friday, June 02, 2017 8:28 AM

Thursday, June 01, 2017 4:32 AM

Moderator 

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[Stanly Fan](#) Wicrosoft (MSFT CSG) 9,270 Points

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A lot of thanks for your help on this question. I had the same problem.

Sunday, February 25, 2018 5:26 PM

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[Mariya Antyufeyeva](#)  0 Points

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Thanks, It worked 100 % at first trial! Louis from Brossard, Quebec, Canada

Friday, March 09, 2018 9:45 PM

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[lajcsivarfalvy](#)  0 Points

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The answer given no longer works.

MS does not want programmers writing forms applications for windows in c++, please use QT or another window manager for programming with windows.


As a benefit, you'll be 100% portable to all the other operating systems out there, allowing your users the option to stop using windows.

Just a fyi, the pasted code now gives a 'std::array' too fet template arguments on the line

main(array<String^>^ args)...so the solution proposed has been squashed by MSH, please look at using QT or another option.

Monday, March 19, 2018 11:08 AM

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 micros0ftsukz 0 Points

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I don't know what this person is talking about. I just did it and it worked perfectly, thank you very much.

Thursday, March 22, 2018 6:10 PM

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 ChesterDawg 0 Points

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