MS ha rimosso il modello WinForms C ++ / CLI a partire da VS2012 o VS2013. La spiegazione ufficiale è che vogliono incoraggiare lo sviluppo dell'interfaccia utente desktop gestita in C # o VB.

Create C++ Windows Forms application in Visual Studio 2017

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:







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

New Project									?	×
▷ Recent		.NET Fra	mework 4.5.2	- Sort by:	Default	• # E	Search Instal	led Templates (Ctrl-	+ E)	.م
<ul> <li>Installed</li> <li>Templates         <ul> <li>Visual C#</li> <li>Visual Basic</li> <li>Visual C++</li> <li>ATL</li> <li>CLR</li> <li>General</li> <li>Test</li> <li>Win32</li> <li>SQL Server</li> <li>Other Project T</li> </ul> </li> </ul>	ypes		Class Library CLR Console A CLR Empty Pro	pplication		Visual C++ Visual C++ Visual C++	Type: Visu An empty p application	al C++ project for creating	a local	
Not finding what yo Open Visual St	u are looking for? udio Installer									
Name:	Project1							_		
Location:	C:\Users\v-baf\Deskt	top\Wind	ows FormC++\			•	Browse			
Solution name:	Project1						Create direct	tory for solution rce Control	Cance	2

Right click on the Project1 and choose Properties option:



## Then:

Project1 Property Pages								?	×
Configuration: Active(Debu	ıg)	Platform:	Active(Win32)			~	Configuratio	n Manage	er
<ul> <li>Configuration Properties General Debugging VC++ Directories</li> <li>Linker General Input Manifest File Debugging</li> <li>System Optimization Embedded IDL Windows Metada Advanced All Options Command Line</li> <li>Manifest Tool</li> <li>XML Document Gene</li> <li>Browse Information</li> <li>Build Events</li> <li>Custom Build Step</li> </ul>	ta	ystem mum Require 9 Reserve Size 9 Commit Siz 13 Reserve Size 14 Commit Siz 14 Large Add 16 Inal Server 19 Run From C 19 Run From N 17	ed Version e e e e resses CD Vetwork	N N N	Vindows (/SUBS lo lo lot Set	SYSTEM:WINDO	WS)		
▷ Code Analysis	SubSyste The /SUE	e <b>m</b> SSYSTEM opt int symbol (o	tion tells the operat or entry point funct	ating syste tion) that	m how to run th the linker will cl	he .exe file.The ch hoose.	noice of subsyster	n affects f	the
						ОК	Cancel	Арр	ly

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#### Project1 Property Pages

Configuration: Active(Debug)	<ul> <li>Platform: Active(Win32)</li> </ul>	✓ Configuration Manager
Configuration Properties	Entry Point	Main 🗸 🗠
General	No Entry Point	No
Debugging	Set Checksum	No
VC++ Directories	Base Address	
▲ Linker	Randomized Base Address	Yes (/DYNAMICBASE)
General	Fixed Base Address	No (/FIXED:NO)
Input	Data Execution Prevention (DEP)	Yes (/NXCOMPAT)
Manifest File	Turn Off Assembly Generation	No
Debugging	Unload delay loaded DLL	
System	Nobind delay loaded DLL	
Optimization	Import Library	
Embedded IDL	Merge Sections	
Advanced	Target Machine	MachineX86 (/MACHINE:X86)
Advanced	Profile	No
Command Line	CLR Thread Attribute	
Manifest Tool	CLR Image Type	Default image type
XML Document Generator	Key File	
Browse Information	Key Container	
<ul> <li>Build Events</li> </ul>	Delay Sign	
Custom Build Step	CLR Unmanaged Code Check	×
Code Analysis	Entry Point	
	The /ENTRY option specifies an entry poi	int function as the starting address for an .exe file or DLL.
< >		2
		OK Cancel Apply

# 3, Add a new item:

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			E E	Build Rebuild Clean View Analyze Project Only Retarget Projects Scope to This New Solution Explorer View Build Dependencies		, , ,	References External De Header File Resource Fi	pendencies s iles s	
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ntelliSens	e 🔹 Search Error I	ist 🔎	X	Remove Rename	Del		Project Prope	erties	-
Project	File		0	Unload Project Rescan Solution			Dependencie	Project1	
			۶	Properties	Alt+En	iter	File	C:\Users\v-baf\D Proiect1	esktop\V

? ×



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]	
<pre>void Main(array<string^>^ args) {</string^></pre>	
Application::EnableVisualStyles();	
Application::SetCompatibleTextRenderingDefault(fals	e);
Project1::MyForm form;	
Application::Run(%form);	
}	_
MyForm.cpp* + ×	
💁 Project1 🗸 (Global Scope)	
#include "MyForm.h"	
⊡using namespace System;	
□using namespace System; using namespace System::Windows::Forms;	
□using namespace System; using namespace System::Windows::Forms; [STAThreadAttribute]	
<pre>using namespace System; using namespace System::Windows::Forms; [STAThreadAttribute] evoid Main(array<string^>^ args) {</string^></pre>	
<pre>using namespace System; using namespace System::Windows::Forms; [STAThreadAttribute] evoid Main(array<string^>^ args) { Application::EnableVisualStyles();</string^></pre>	
<pre>subseture typerature using namespace System; using namespace System::Windows::Forms; [STAThreadAttribute] evoid Main(array<string^>^ args) { Application::EnableVisualStyles(); Application::SetCompatibleTextRenderingDefault(false);</string^></pre>	
<pre>Subset of the second seco</pre>	
<pre>State of the state of the</pre>	
<pre>subset in the second seco</pre>	

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

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

Project 7 + 0	Gistual Scopel	+ 12 Maintenas Shino ***
<pre>#include "MyForm.h"  Busing namespace System; [using namespace System::Windows::Forms; [STAThreadAttribute] Byoid Main(array(String"&gt;* args) { </pre>		
Application::EnableVisualStyles(); Application::SetCompatibleTextRender Project1:MyRorm form; Application::Rend(Sform);	Microsoft Visual Studie This project is out of date:	×
3	Project1 - Debug Win32	
	Would you like to build it?	

## And the display:



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

