
Subject: Re: U++ and Managed c++ /clr

Posted by [Sender Ghost](#) on Sun, 06 Nov 2011 06:15:45 GMT

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Let's create simple "Core console project" application:

```
#include <Core/Core.h>
using namespace Upp;

#using <mscorlib.dll>
using namespace System;

CONSOLE_APP_MAIN
{
    Cout() << "Hello, from U++!\n";
    Console::WriteLine("Hello, from managed C++!");
}
```

Open "Project -> Package organizer.." for main package and insert following compiler option:

-clr

Open "Project -> Main package configuration.." menu and add following build flags:

EVC .USEMALLOC

EVC - is build flag (used for another C++ compiler), which adds compiler options to turn off exception handling, because -clr is not compatible with -EHsc compiler option.

USEMALLOC - disables U++ memory allocator to not conflict with .NET Framework memory allocation methods.

Also check "Build -> Output mode.." menu for the "Use shared libs" link mode.

Now, you can build combined U++ and Managed C++ package.

To note:

It also possible to extend C++ syntax highlighting for managed C++ extensions and add CLR specific compiler options, instead of EVC.

Here, I just showed possible way to use TheIDE with Managed C++ extensions. I don't think, this is recommended way.

File Attachments

1) [ManagedCpp.zip](#), downloaded 331 times
