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 higlighting 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 322 times