Subject: [Visual Studio 2012] error LNK2019: unresolved external symbol
Posted by CodeNazi on Mon, 04 Nov 2013 19:05:46 GMT
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Hello,

I just installed Ultimate++ library and i have linked the source folder from the Project Options (in VS++) and when i compile the project, i get these errors:

(I am using Visual Studio 2012)

1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::AssertFailed(char const *,int,char const *)" (?AssertFailed@Upp@@YAXPBDH0@Z) referenced in function "protected: void __thiscall Upp::WString0::Zero(void)" (?Zero@WString0@Upp@@IAEXXZ)
1>main.obj : error LNK2019: unresolved external symbol "void * __cdecl Upp::MemoryAlloc(unsigned int)" (?MemoryAlloc@Upp@@YAPAXI@Z) referenced in function "void * __cdecl operator new(unsigned int)" (???2@YAPAXI@Z)
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::MemoryFree(void *)" (?MemoryFree@Upp@@YAXPAX@Z) referenced in function "void __cdecl operator delete(void *)" (???3@YAXPAX@Z)
1>main.obj : error LNK2019: unresolved external symbol "private: void __thiscall Upp::String0::LFree(void)" (?LFree@String0@Upp@@AAEXXZ) referenced in function "protected: void __thiscall Upp::String0::Free(void)" (?Free@String0@Upp@@IAEXXZ)
1>main.obj : error LNK2019: unresolved external symbol "protected: void __thiscall Upp::String0::Set(char const *,int)" (?Set@String0@Upp@@IAEXPBDH@Z) referenced in function "public: __thiscall Upp::String::String(char const *)" (??0String@Upp@@QAE@PBD@Z)
1>main.obj : error LNK2019: unresolved external symbol "private: void __thiscall Upp::WString0::Dsyn(void)" (?Dsyn@WString0@Upp@@AAEXXZ) referenced in function "protected: void __thiscall Upp::WString0::Zero(void)" (?Zero@WString0@Upp@@IAEXXZ)
1>main.obj : error LNK2019: unresolved external symbol "protected: void __thiscall Upp::WString0::Set(class Upp::WString0 const &)" (?Set@WString0@Upp@@IAEXABV12@@Z) referenced in function "public: __thiscall Upp::WString::WString(class Upp::WString const &)" (??0WString@Upp@@QAE@ABV01@@Z)
1>main.obj : error LNK2019: unresolved external symbol "protected: void __thiscall Upp::WString0::Free(void)" (?Free@WString0@Upp@@IAEXXZ) referenced in function "public: __thiscall Upp::WString0::~WString0(void)" (??1WString0@Upp@@QAE@XZ)
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::BreakWhenPicked(void *)" (?BreakWhenPicked@Upp@@YAXPAX@Z) referenced in function "private: static class Upp::Vector<class Upp::WString> & __cdecl Upp::Vector<class Upp::WString>::SetPicked(class Upp::Vector<class Upp::WString> &)" (?SetPicked@?$Vector@VWString@Upp@@@Upp@@CAAAV12@AAV12@@Z)
1>main.obj : error LNK2019: unresolved external symbol "class Upp::String __cdecl Upp::FromSystemCharset(class Upp::String const &)" (?FromSystemCharset@Upp@@YA?AVString@1@ABV21@@Z) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "int __cdecl Upp::GetExitCode(void)" (?GetExitCode@Upp@@YAHXZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::AppExit__(void)"

(?AppExit__@Upp@@YAXXZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::AppExecute__(void (__cdecl*)(void))" (?AppExecute__@Upp@@YAXP6AXXZ@Z) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::AppInitEnvironment__(void)" (?AppInitEnvironment__@Upp@@YAXXZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "public: static void __cdecl Upp::Ctrl::InitWin32(struct HINSTANCE__ *)" (?InitWin32@Ctrl@Upp@@SAXPAUHINSTANCE__@@@Z) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "public: static void __cdecl Upp::Ctrl::ExitWin32(void)" (?ExitWin32@Ctrl@Upp@@SAXXZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "public: static void __cdecl Upp::Ctrl::CloseTopCtrls(void)" (?CloseTopCtrls@Ctrl@Upp@@SAXXZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "class Upp::Vector<class Upp::WString> & __cdecl Upp::coreCmdLine__(void)" (?coreCmdLine__@Upp@@YAAAV?$Vector@VWString@Upp@@@1@XZ) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "class Upp::Vector<class Upp::WString> __cdecl Upp::SplitCmdLine__(char const *)" (?SplitCmdLine__@Upp@@YA?AV?$Vector@VWString@Upp@@@1@PBD@Z) referenced in function _WinMain@16
1>main.obj : error LNK2019: unresolved external symbol "void __cdecl Upp::PromptOK(char const *)" (?PromptOK@Upp@@YAXPBD@Z) referenced in function "void __cdecl GuiMainFn_(void)" (?GuiMainFn_@@YAXXZ)
1>c:\users\Guest\documents\visual studio 2012\Projects\Project1\Debug\Project1.exe : fatal error LNK1120: 20 unresolved externals

Also i am trying to compile this code:

```
#include <CtrlLib/CtrlLib.h>

using namespace Upp;

GUI_APP_MAIN {
   PromptOK("Hello world");
}
```

Do i have to link some libs ? Cause i didn't see any libs in Upp folder..

Subject: Re: [Visual Studio 2012] error LNK2019: unresolved external symbol
Posted by ManfredHerr on Wed, 06 Nov 2013 16:00:45 GMT

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Ultimate++ is not a Library to be used in a Integrated Development Environment (IDE) like Visual Studio. It comes with it's own IDE called TheIDE. From Visual Studio you need it's C++ Compiler only. You fire up TheIDE, tell the Compiler to use and all the examples will work as expected.

Subject: Re: [Visual Studio 2012] error LNK2019: unresolved external symbol
Posted by CodeNazi on Wed, 06 Nov 2013 16:04:33 GMT
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Could u tell me what exactly i need to do to make it works with Visual Studio?

Subject: Re: [Visual Studio 2012] error LNK2019: unresolved external symbol
Posted by ManfredHerr on Wed, 06 Nov 2013 17:55:45 GMT
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No, I can't. U++ expects to be used with TheIDE rather than VS. If you followed the installation procedure properly your desktop will show a link to TheIDE. Give it a try!

If you insist on VS as IDE, read the development forum. There has been some effort, but I do not know the results.

By the way, if you prefer cookbooks like MS and hate to dig into code, hints and examples then U++ is probably not the right tool to use.

Subject: Re: [Visual Studio 2012] error LNK2019: unresolved external symbol
Posted by CodeNazi on Wed, 06 Nov 2013 18:31:31 GMT
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Yeah.. U++ is probably not for me.
Tnx for helping me anyway!