Subject: Visual Studio 2012
Posted by keltor on Thu, 11 Oct 2012 14:57:12 GMT
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Hi fellas,

Most of you will already be aware of this, but for those who aren't, Microsoft has released the latest version of Visual Studio, very originally named 2012. Interesting new features, especially the extended C++11 support and the possibility to compile native code to work on the GPU with the C++ AMP technology.

Additionally, the Express (i.e. free) version includes both the x86 and x64 flavours of the compiler, unlike previous editions, and also OpenMP support.

So, you want to use VC++2012 with U++, you say? No problem. I spent some time fiddling with the options and managed to make the current version of theIde to work with it. It's not difficult, it just takes some time, so here it is for you:

From Setup/Build Methods, create a new Method and use MSC9 as builder.

Assuming you have installed VC on the default dir, the options are as follows:

PATH- executable directories:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\Common7\Ide
C:\Program Files (x86)\Microsoft Visual Studio 11.0\Vc\Bin
C:\Program Files (x86)\Windows Kits\8.0\bin\x86

INCLUDE directories:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\Vc\Include
C:\Program Files (x86)\Windows Kits\8.0\Include\um
C:\Program Files (x86)\Windows Kits\8.0\Include\shared
C:\Program Files (x86)\Windows Kits\8.0\Include\winrt

LIB directories:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\Vc\Lib
C:\Program Files (x86)\Windows Kits\8.0\Lib\win8\um\x86

UPDATE: As pointed out by lectus, if you're running a 32 bit version of Windows, keep in mind that the first part of the path must be C:\Program Files\ in all cases, instead of C:\Program Files (x86)\

If you'd like to take advantage of the x64 compiler as well, the directories are these:

PATH- executable directories:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\Common7\Ide
C:\Program Files (x86)\Microsoft Visual Studio 11.0\Vc\Bin\x86_amd64
C:\Program Files (x86)\Windows Kits\8.0\bin\x64

INCLUDE directories: same as for the x86 version (see above)

LIB directories:

C:\Program Files (x86)\Microsoft Visual Studio 11.0\Vc\Lib\amd64
C:\Program Files (x86)\Windows Kits\8.0\Lib\win8\um\x64

Hope this helps some of you.

Kel

PS: Get VS here
