Subject: MS Win-XP device drivers, U++, and MinGW
Posted by ebojd on Thu, 19 Apr 2007 14:31:30 GMT
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I am stuck with developing an MS Windows device driver for an ancient piece of ISA hardware. My questions to the forum are:

* has anyone developed device drivers usinging MinGW?

* has anyone done this using U++?

* has anyone had luck with using U++ with MSVC 6.0?

One expert opinion is that I have to use MSVC/SDK/DDK to develop the driver. He's probable correct, but I noticed that U++ specifically has setup links for the SDK. The reason I ask about MSVC-6.0 is that quite a number of programmers I know that have to do non-trivial programming on Windows prefer the older compilers over the latest .Net toolkit. Last, if I can use MinGW instead of MSVC* I can distribute the code without ever having to wory about licensing and support issues...

EBo --

Subject: Re: MS Win-XP device drivers, U++, and MinGW
Posted by mirek on Thu, 19 Apr 2007 14:49:59 GMT
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ebojd wrote on Thu, 19 April 2007 10:31
* has anyone had luck with using U++ with MSVC 6.0?

MSVC 6.0 has way to broken C++ to compile U++ (in fact, it was developed before C++ standard was released).

That said, U++ was initially developed using MSVC 6.0, but since then, language constructs were added/fixed like member templates and it is no more possible to compile with 6.0.

Mirek

Subject: Re: MS Win-XP device drivers, U++, and MinGW
Posted by ebojd on Thu, 19 Apr 2007 20:02:59 GMT
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luzr wrote on Thu, 19 April 2007 09:49ebojd wrote on Thu, 19 April 2007 10:31
* has anyone had luck with using U++ with MSVC 6.0?

MSVC 6.0 has way to broken C++ to compile U++ (in fact, it was developed before C++ standard was released).

That said, U++ was initially developed using MSVC 6.0, but since then, language constructs were added/fixed like member templates and it is no more possible to compile with 6.0.

Thanks. Yep, I've had a couple of projects that seriously broke when C++99 standard was finally implemented.

Maybe someone knows about the MinGW/Win-XP device driver issue

EBo --

Subject: Re: MS Win-XP device drivers, U++, and MinGW
Posted by mirek on Fri, 20 Apr 2007 08:07:00 GMT
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ebojd wrote on Thu, 19 April 2007 16:02
Maybe someone knows about the MinGW/Win-XP device driver issue

EBo --

I would not hold my breath. I think your best chance is Windows SDK (contains the compiler too).

Mirek

Subject: Re: MS Win-XP device drivers, U++, and MinGW
Posted by ebojd on Fri, 20 Apr 2007 12:26:11 GMT
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No, I am not holding my breath (that would bring a whole new meaning to the "blue screen of death"), and I've been fighting with some install problem with the SDK install giving a fatal error whilst trying to patch a file in the documentation that does not exist... I hate microsoft products...

EBo --
