Subject: [Solved] EditField crashing at runtime uisng PortableUpp 4424
Posted by navi on Tue, 14 Feb 2012 10:54:50 GMT
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Hi All,

New here. Just wondering how to solve/debug/fix the following problem.

U++ Buit: PortableUPP built 4424 (http://sourceforge.net/projects/upp/files/upp_portable/)
IDE: theIDE
Compiler: the included MINGW compiler.
Os: Win XP SP3
CPU: Intel Q9400 Core2 Quad

I was trying to try out the GUI Tutorials when i tried the examples with Edit Controls (EditField/String/Date) using the exact code from the tutorials and compiling with MINGW (Optimize for Size) the output exe file keep crashing on execution.

However when i tried compiling using the MINGW (Debug) the output exe files runs without crashing.

I'm guessing it must be some sort of compiling or linking issue. how can I approach this type of error? What debug technique/tools do i use to trace the issue?

Thanks in advance
John

Subject: Re: EditField crushing at runtime uisng PortableUpp 4424
Posted by mr_ped on Tue, 14 Feb 2012 14:37:46 GMT
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You mean crashing?

Did you try GCC - Optimal? The Size/Speed variants are using gcc optimization switches which are considered even more experimental than -O3 (which is maybe still "unstable"? I didn't read gcc docs recently, but for many years anything above -O1 or -O0 was described "should work, but use it at your own risk"), so with some gcc versions I have seen it to produce invalid binary with Size or Speed optimization. I also think there's some way to switch Size/Speed only for certain packages in TheIDE, so you may maybe try out which package exactly doesn't build correctly (but not much point in doing this, unless you are on some very new gcc version where it makes sense to report bug).

Check for exact gcc version, there's 4.6.1 on http://tdm-gcc.tdragon.net/ now. I'm at 4.5.1, so not sure if the most recent works with TheIDE, maybe somebody on forum did try it already. (Maybe I will soon too, I'm quite curious too )

Subject: Re: EditField crashingat runtime uisng PortableUpp 4424
Posted by navi on Wed, 15 Feb 2012 02:37:35 GMT
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>You mean crashing?

Yes. sorry, typo.

>Did you try GCC - Optimal?

Yes. I tried all three (Optimal, Optimize for Speed, Optimize for Size)
All off the output exe crashes on execution. except for Debug which is 15MB in size.

>Check for exact gcc version.

How do i check that in theIDE? I checked the included MINGW folder. according to the readme it has both "GCC 4.5/4.6 Series". i have attached the readme with this post.

File Attachments
1) README-gcc-tdm.txt, downloaded 1062 times

Subject: Re: [Solved] EditField crashing at runtime uisng PortableUpp 4424
Posted by navi on Sat, 18 Feb 2012 02:35:11 GMT
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Under "Main Package Configuration" > "Configuration flags" > "Use SSE2" was checked.
unchecked the "Use SSE2" and Rebuild the project. It does not crash any more.