Subject: DropList bug when compiling with SPEED option
Posted by Didier on Thu, 27 May 2010 20:47:17 GMT
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Hi everyone,

I just encountered this strange bug:
When compiling an app with 'GCC Speed' the DropList widget doesn't work wright: he doesn't display his value although the pull down list does
This bug disappears when compiling with 'GCC Optimal'

I first though it was my code who was wrong but it isn't.
The same happens with Uword example app.

I'm compiling with : gcc (GCC) 4.4.3 20100127 (Red Hat 4.4.3-4)
and use an unmodified UPP

Subject: Re: DropList bug when compiling with SPEED option
Posted by mirek on Fri, 28 May 2010 13:52:59 GMT
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Didier wrote on Thu, 27 May 2010 16:47Hi everyone,

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I'm compiling with : gcc (GCC) 4.4.3 20100127 (Red Hat 4.4.3-4)
and use an unmodified UPP[/quote]

Strange, but not impossible.

Anyway, I have just Speed GCC with GCC 4.4.1 UWord and have not noticed anything unusual...

Subject: Re: DropList bug when compiling with SPEED option
Posted by Didier on Fri, 28 May 2010 21:38:51 GMT
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Hi Myrek,

Thanks for the reply. I remember having encountering the same kind of bug about a year ago, but it disappeared without notice.

The strange part about it ,is that for some values, the DropList's value gets displayed and for others it doesn't ???

I tried moving around UPP versions to see if it was an UPP bug, but there's no change.

Anyway this is not blocking, the speed option was a manipulation error: this ??bug?? doesn't bother me.

I'll try to keep an eye on it any way.

Subject: Re: DropList bug when compiling with SPEED option
Posted by mirek on Sun, 30 May 2010 19:34:19 GMT
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Didier wrote on Fri, 28 May 2010 17:38Hi Myrek,

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The strange part about it ,is that for some values, the DropList's value gets displayed and for others it doesn't ???

I tried moving around UPP versions to see if it was an UPP bug, but there's no change.

Anyway this is not blocking, the speed option was a manipulation error: this ??bug?? doesn't bother me.

I'll try to keep an eye on it any way.

Still, it could mean that some code in DropList.cpp (or elsewhere) has implementation defined baheviour, something similar to this famous example:

x[i++] = i;

which hits us when optimizer tries another path for speed optimizations....

Mirek

Subject: Re: DropList bug when compiling with SPEED option
Posted by Didier on Mon, 31 May 2010 21:47:35 GMT
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Hi Myrek,

I hunt it down a bit using the 'Optimize for speed' option of the packages and the winner is .... My app

Then again UWord has the same 'bug', so it's probably in some inline method of a header file.

I'll keep searching.

Subject: Re: DropList bug when compiling with SPEED option
Posted by mirek on Tue, 01 Jun 2010 17:16:13 GMT
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Thanks... interesting