Subject: IDE hangs when using breakpoints in Debugger
Posted by OliverSo on Fri, 15 Feb 2013 17:37:22 GMT
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Hello,

since several versions, including actual release 5485, and v 5800, the IDE hangs if I set anywhere a breakpoint in my code and start debugging by F5.

For example:
On "HelloWord" Example, put a breakpoint in HelloWorld::About() on line "PromptOK".

Press F5.
The Window "Assist checking" comes up, and then everything just stops. Only solution is to kill the IDE by task manager.
I am running Win XP with SP3, and MSV10.

Older Versions, like 4857, work fine.

Is Windows XP not supported any more, or does my installation just behave strange?

Oliver

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by OliverSo on Wed, 13 Mar 2013 09:39:51 GMT
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Sorry for pushing this...

What I did in the meantime:
Tried MinGW on XP machine. Setting break points just crashes the IDE after hitting F5.

Installed 5485 on a Windows 7 machine with MingW. Same result: Setting a breakpoint just crashes the IDE after hitting F5.

I don't seem to be the only one with this problem
http://www.ultimatepp.org/forum/index.php?t=msg&&th= 6680&goto=39292#msg_39292

Am I doing something totally wrong, or is using the debugger something which is totally unusual?

Oliver

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Shire on Sun, 17 Mar 2013 10:38:38 GMT
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Confirm this, TheIDE hangs or crashes when MinGW debugging on XP32.
"Legacy GDB" and "GDB_MI2 (new)" tried.

Perhaps GDB debugger is in development now, and unstable.
I just use MSC10 - debugger works good.

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Alboni on Mon, 25 Mar 2013 17:41:34 GMT
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I can conform this also. F5+breakpoint=hang, no matter where the breakpoint is set. Doesn't need to be triggered.

MSVC10 on Windows XP. Version 5485

and yes, it used to work on old versions (>a year old), except in callbacks.

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Alboni on Mon, 25 Mar 2013 18:44:49 GMT
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Stopped working somewhere between release 4193 and 5431

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Alboni on Tue, 26 Mar 2013 11:06:27 GMT
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I fixed it!

When comparing 4193 and 5431 I noticed there is a file dbghelp.dll in 4193 and not in newer versions.
When I copied that file into 5431 it worked again.
Also works for 5485.

File Attachments
1) dbghelp.dll, downloaded 267 times

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Alboni on Tue, 26 Mar 2013 11:20:44 GMT

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This is odd. That dll is a part of windows and was already installed on my system. The file in windows is however substantially smaller and older. My system is up to date, so why not this file?

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by OliverSo on Tue, 02 Apr 2013 09:38:58 GMT
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Can you give me a hint where to look for this .dll?

Oliver

Update: Found it. I will try tonight on my 32bit XP at home.

Anyhow, installing this dll in the upp-directory does not solve the problem of crashing the IDE by setting a breakpoint on Win7 64 Bit (version 5485).

Oliver

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by OliverSo on Tue, 02 Apr 2013 17:16:22 GMT
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I can confirm the fix with adding dbghelp.dll to the upp-directory on Win XP 32. Actual nightly build 5944 hangs without the dll after setting a breakpoint, but works if dll is present.

Oliver

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Alboni on Wed, 03 Apr 2013 21:16:53 GMT
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After reading this I think there should be a check on the (minimum required) version of dbghelp.dll.

Perhaps it is also possible to omit certain functions in the debugger, so it will work on all versions.

Subject: Re: IDE hangs when using breakpoints in Debugger
Posted by Shire on Fri, 12 Apr 2013 05:36:51 GMT
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TheIDE 5949 still hungs when debugging MinGW (g++ (tdm-1) 4.6.1) generated executables.
Placing dbghelp.dll v6.12.2.633 do not solves problem.