Subject: How I do to debug my programs?
Posted by jasperlotus on Mon, 27 Oct 2008 13:50:43 GMT
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MINGW + GDB.

Hello,

I'm a new user of theIDE, and I have a problem when debugging my programs. I've set the breakpoints and when I hit F5, just see `Running...' but cannot view the value of my variables.

So, please help. Thanks!

Subject: Re: How I do to debug my programs?
Posted by zaurus on Mon, 27 Oct 2008 15:24:31 GMT
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Hi,

I'm experience the similar situation. But I found out that it just takes long time for the variables to come up. If you wait for maybe 2 minutes then the values of the variables are shown and you can continue to debug.

I didn't have this problem with the old 2007.1 version, but now with 2008.1 and MINGW I have it consistantly. If using the VC compiler and debugger then everything works smooth.

I expect it has something to do with GDB.

Zaurus

Subject: Re: How I do to debug my programs?
Posted by cocob on Mon, 27 Oct 2008 17:53:20 GMT
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Chose Full info Level for debug in output mode.

Subject: Re: How I do to debug my programs?
Posted by jasperlotus on Wed, 29 Oct 2008 11:40:29 GMT
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cocob wrote on Mon, 27 October 2008 18:53Chose Full info Level for debug in output mode.

The default setting is `Full' already!

I'm now must debug myself with the console version of GDB, and yep, with MSVC it works well, but I have no MSVC installed on my home PC

Subject: Re: How I do to debug my programs?
Posted by zaurus on Thu, 30 Oct 2008 04:45:52 GMT
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Hi!

You can still debug in Upp. Once the debugger reach the breakpoint just wait for a while. Don't press F10 or anything. After 10-20 seconds the variables under 'Auto' or 'Local' will come up and you can start stepping through your program with F10.

It somehow seems that the communication between Upp and GDB is very slow. I don't know what's the reason for it. It used to be ok with older versions of Upp with MinGW.

It's a bit annoying, but still can do some debugging.

Zaurus

Subject: Re: How I do to debug my programs?
Posted by jasperlotus on Thu, 30 Oct 2008 11:18:03 GMT
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zaurus wrote on Thu, 30 October 2008 05:45Hi!

You can still debug in Upp. Once the debugger reach the breakpoint just wait for a while. Don't press F10 or anything. After 10-20 seconds the variables under 'Auto' or 'Local' will come up and you can start stepping through your program with F10.

It somehow seems that the communication between Upp and GDB is very slow. I don't know what's the reason for it. It used to be ok with older versions of Upp with MinGW.

It's a bit annoying, but still can do some debugging.

Zaurus

It produces like this...

----- jasper_testing (MAIN GCC DEBUG DEBUG_FULL BLITZ WIN32)
cd D:\MyApps\coding\jasper_testing
D:\MyApps\apps\MINGW.Debug.Debug_full\jasper_testing.exe (17521 B) is up to date.

OK. (0:00.04)

gdb D:\MyApps\apps\MINGW.Debug.Debug_full\jasper_testing.exe

GNU gdb 6.8
Copyright (C) 2008 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law. Type "show copying"
and "show warranty" for details.
This GDB was configured as "i686-pc-mingw32"...
(gdb)
set disassembly-flavor intel

set exec-done-display off

set annotate 1

set height 0

set width 0

set confirm off

set print asm-demangle

b D:/MyApps/coding/jasper_testing/main.c:10
Breakpoint 1 at 0x4013fa: file D:/MyApps/coding/jasper_testing/main.c, line 10.

run

...and no more things happen.

I can only press Shift+F5 to stop this procedure.

Subject: Re: How I do to debug my programs?
Posted by zaurus on Sun, 02 Nov 2008 09:51:30 GMT
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Sorry I'm not so familiar with GDB and have no idea what is going on in your case. Maybe some of the gurus here can help you.

Subject: Re: How I do to debug my programs?
Posted by jasperlotus on Sat, 08 Nov 2008 16:56:41 GMT
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zaurus wrote on Sun, 02 November 2008 10:51Sorry I'm not so familiar with GDB and have no idea what is going on in your case. Maybe some of the gurus here can help you.

Thank you!