
Subject: Re: IDLDE crashes when opening menus
Posted by [santorofer](#) on Tue, 20 Mar 2012 16:09:02 GMT
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Dear Christian,

Looking at the two error messages that you have got, namely:

- > \$./idlde
- > Invalid memory access of location 0x0 eip=0x0
- > Bus error: 10

and

- > Exception Type: EXC_BAD_ACCESS (SIGBUS)

The solution might be explained in this latested Help Article:

<http://www.exelisvis.com/Support/HelpArticleDetail/ArticleId/4698/IDL-8-1-Workbench-crashing-on-Mac-OS-X-10-7-2-and-10-7-3.aspx>

I hope that Article helps. Lets us know how this goes.
Cheers,

Fernando
Exelis VIS

On Thursday, March 1, 2012 11:26:29 AM UTC-7, Christian wrote:

- > This is a problem with the development environment - IDL itself seems
- > to be working fine.
- >
- > I've got IDL 7.0 installed on Mac OSX 10.7.3 (this was a bit of a
- > hack, because the installer is a PowerPC app, and 10.7 doesn't have
- > Rosetta - in the end I just copied the entire folder from a
- > colleague's computer). Things have been working fine for a long
- > time. I recently took a break from coding to try and actually publish
- > some results, but now when I go back to IDL the development
- > environment crashes every single time I do something which generates a
- > pull-down menu (I *think* this is the common element). Certainly it
- > crashes if I click on the menubar, or right-click on a file/folder in
- > the project explorer - but otherwise IDL seems to be working fine
- > (including the little icon shortcuts below the menubar). I can
- > somewhat get work done because it's still possible to do many things
- > with keyboard shortcuts, but I can't update/commit from/to my svn
- > repositories which is certainly a big problem.
- >

> I suspect that at some point a java (?) update broke the eclipse hack
 > itt put together, but in that case I'm surprised that I haven't been
 > able to google any cases of other people with the same problem. Since
 > I wasn't actively coding as the time it's difficult to pin down what
 > broke it or even when - all I know is that in early January (?) it
 > worked and as of last week it doesn't.
 >
 > Has anybody else had a similar problem?
 >
 > I normally run it via a link to the "IDLSnapFileOpen" app in the main
 > directory, but the error message I get when the same problem after
 > running IDLDE from the command line is:
 > \$ pwd
 > /Applications/itt/idl70/bin
 > \$./idlde
 > Invalid memory access of location 0x0 eip=0x0
 > Bus error: 10
 >
 >
 > The "send your report to Apple" error log is 1179 lines long, so I
 > hesitate to post the entire message. The lines near the top I
 > (arbitrarily?) identified as important and have been googling for (and
 > hopefully brings some other people with a similar problem to this
 > page) are:
 >
 > Crashed Thread: 0 Dispatch queue: com.apple.main-thread
 >
 > Exception Type: EXC_BAD_ACCESS (SIGBUS)
 > Exception Codes: KERN_PROTECTION_FAILURE at 0x0000000000000000
 >
 > VM Regions Near 0:
 > --> __PAGEZERO 0000000000000000-0000000000001000 [4K]
 > ---/--- SM=NUL /Applications/itt/*/idlde.darwin.universal.app/
 > Contents/MacOS/idlde
 > __TEXT 0000000000001000-0000000000004000 [12K]
 > r-x/rwx SM=COW /Applications/itt/*/idlde.darwin.universal.app/
 > Contents/MacOS/idlde
 >
 > Application Specific Information:
 > objc[10162]: garbage collection is OFF
 >
 > Java information:
 > Exception type: Bus Error (0xa) at pc=0000000000000000
 >
 > Java VM: Java HotSpot(TM) Client VM (20.4-b02-402 mixed mode macosx-
 > x86)
 >
 >

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> Perhaps it is a red-herring, but I have attempted to learn more by
> installing the non-itt version of eclipse (3.7.2)... this works,
> although if I try the instructions here:
> <http://www.idlcoyote.com/workbench/addtoeclipse.html>
> For adding the IDLDE to this installation I can't get the hybrid to
> work. On startup I get a "fatal error initializing DML" popup box,
> followed by "fatal error initializing main IDL process" and the error:
> Failed to load idl_jdml from /Applications/itt/idl70/idlde/
> bin.darwin.i386 (it is set by the property JDMLDir.)
> (although there is a file named "libidl_jdml.jnilib" there - perhaps
> the naming convention changed between versions of eclipse?)
>
> Incidentally, this is the same result that I get if I run the itt
> idlde from the "wrong" directory:
> \$ pwd
> /Applications/itt/idl70/idlde/idlde.darwin.universal.app/Contents/
> MacOS
> \$./idlde
> Failed to load idl_jdml from /Applications/itt/idl70/idlde/
> bin.darwin.i386 (Use default IDL)
>
> So perhaps I should be running my hacked version of eclipse from a
> different spot? Currently my script to setup things runs from the
> first eclipse directory.
