Subject: Re: IDL on Mac Funning Yosemite?

Posted by acvsaraiva on Sat, 18 Oct 2014 18:27:07 GMT

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Em sábado, 18 de outubro de 2014 09h11min38s UTC-3, nerdzoo escreveu:
> On Friday, October 17, 2014 11:11:53 PM UTC-5, David Fanning wrote:
>
>> Folks,
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>> I got an e-mail today from someone who claims he can't get either IDL
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>> 7.1 or IDL 8.2 to run on the Yosemite version of OS X. Is there any
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>> truth to this? Is there a trick to installing IDL on this OS?
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> I can confirm that IDL 8.2 fails to run in Yosemite with the following error message:
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> nerdzoo:/usr/local/exelis/idl82/bin$ idl
>
> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
>
>   Referenced from: /usr/local/exelis/idl82/bin/bin.darwin.x86_64/libidl.8.2.dyl ib
>
>   Reason: image not found
>
> Trace/BPT trap: 5
>
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>
> idlde also does not run, but prints out a longer report that can be sent to Apple.
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>
> IDL 8.3 and 8.4 are ok. With 8.4 on Yosemite, however, firing up idlde the first time complained about need to install "legacy Java SE 6 runtime." You're directed to Apple's download site. After installation, idlde works okay.
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>
> -Caesar
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>> This person claims the problem is with libPNG. Can anyone fill me in on
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>
>> what he is talking about. :-(
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>> Thanks,
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>> David
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>> David Fanning, Ph.D.
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>
>> Fanning Software Consulting, Inc.
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>
>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
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>
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hi there,

It is my first post here, in fact, I was the one who wrote to David to find a solution for older IDL versions to run on OS X Yosemite. Like Cesar said, the newer versions of IDL (8.3+) are working on Yosemite. I downloaded the demo version of ENVI 5.1 and tested on Yosemite with everything working flawlessly.

The problem I noticed with IDL 7.1 and 8.2 is with libPNG and libz. It seems that libz needs some sort of symbol called "_inflateReset2" presented in libPng, but it is missing in the newer version included in the OS. Both IDL versions fails with the same error. When I installed IDL 8.3 I noticed that it doesn't use libz anymore, and, therefore, the error is gone.

I thought that, maybe, I could copy the old libPng from Mavericks and somehow redirect libz to look for the old libPng. The problem is that I don't know how to do it and neither if that is possible. I assume that Apple could fix this easily and I filled a bug report, but has I don't thrust on "easy fixes" from Apple, I wonder if any good soul would be willing to help me in this subject.

I really need to use IDL 7.1 and would not like to start using it on virtual machines or be forced to keep an outdated OS on my computer.

Thank you all,

Antonio