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Subject: Re: IDL on Mac Funning Yosemite?

Posted by [acvsaraiva](#) on Sat, 18 Oct 2014 21:36:15 GMT

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Em sábado, 18 de outubro de 2014 16h52min24s UTC-3, fawltyl...@gmail.com escreveu:

> On Saturday, October 18, 2014 8:40:22 PM UTC+2, Antonio Carlos Varela Saraiva wrote:

>

>> Em sábado, 18 de outubro de 2014 15h27min09s UTC-3, Antonio Carlos Varela Saraiva escreveu:

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>>> Em sábado, 18 de outubro de 2014 09h11min38s UTC-3, nerdzoo escreveu:

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>>>> On Friday, October 17, 2014 11:11:53 PM UTC-5, David Fanning wrote:

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>>>> > 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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[illegible]

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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
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>>> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
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>>>> Referenced from: /usr/local/exelis/idl82/bin/bin.darwin.x86_64/libidl.8.2.dylib
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>>>> Reason: image not found
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>>>> 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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>>>> > This person claims the problem is with libPNG. Can anyone fill me in on
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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.")
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>>> Hi there,
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>>> 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.  
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>>> 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.  
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>>> 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.

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>>> 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.
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>>> Thank you all,
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>>> Antonio
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>> Sorry, I forgot to post the message:
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>> This is what I get when I tried to load either idl 7.1 and 8.2
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>> dyld: Symbol not found: _inflateReset2
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>
>> Referenced from: /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
>
>>
>
>> Expected in: /Applications/itt/idl71/bin/bin.darwin.x86_64/libz.1.dylib
>
>>
>
>> in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
>
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>
>> Trace/BPT trap: 5
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>
> Backup IDL's libz.1.dylib somewhere, then remove it from
>/Applications/itt/idl71/bin/bin.darwin.x86_64. Now IDL will have to use the system zlib and
>probably it has the missing symbol.
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>  
> regards,  
>  
> Lajos

Thanks guys, I should really work... I did a similar solution I found on exelis forum, from a guy named Hakan. I backup the old libz and went to /usr/lib and copied the libz.1.dylib to exelis folder (where the original is) and it worked fine. It also worked for IDL 7.1 which made me happier.

Thanks again,  
Antonio

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