

---

Subject: Re: IDL on Mac Funning Yosemite?

Posted by [Lajos Foldy](#) on Sat, 18 Oct 2014 19:52:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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:

>

>> 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,

>

>>

>

>>>

>

>>

>

>>>>

>

>>

>

>>>

>

>>

>

>>>>

>

>>

>

>>>

>

>>

>

>>>>

>

>>

>

```
>>>
>
>>
>
>>>> I got an e-mail today from someone who claims he can't get either IDL
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> 7.1 or IDL 8.2 to run on the Yosemite version of OS X. Is there any
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> truth to this? Is there a trick to installing IDL on this OS?
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
```

>

**>**

>

```
>>>
>
>>
>
>>> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
>
>>
>
>>>
>
>>
>
>>> Referenced from: /usr/local/exelis/idl82/bin/bin.darwin.x86_64/libidl.8.2.dylib
>
>>
>
>>>
>
>>
>
>>> Reason: image not found
>
>>
>
>>>
>
>>
>
>>> Trace/BPT trap: 5
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>> idle also does not run, but prints out a longer report that can be sent to Apple.
>
>>
>
```

```
>>>
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>> 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.
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>> -Caesar
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>>
>
```

```
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> This person claims the problem is with libPNG. Can anyone fill me in on
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> what he is talking about. :-(
>
>>
>
>>>
>
>>
>
>>>>
>
```

```
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> Thanks,
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>>
>
```

```
>>
>
>>>
>
>>
>
>>>> David
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> --
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> David Fanning, Ph.D.
>
>>
>
>>>
>
>>
>
>>>>
>
```



```
>>
>
>>>
>
>>
>
>>>> Fanning Software Consulting, Inc.
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
>>
>
>>>
>
>>
>
>>>>
>
>>
>
>>>
>
>>
>
>>>> 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  
>  
>  
>  
> Sorry, I forgot to post the message:  
>  
>  
>  
> This is what I get when I tried to load either idl 7.1 and 8.2  
>  
>  
>  
> dyld: Symbol not found: \_inflateReset2  
>  
> 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  
>  
> Trace/BPT trap: 5

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.

regards,  
Lajos

---