
Subject: IDL on Mac Funning Yosemite?

Posted by [David Fanning](#) on Sat, 18 Oct 2014 04:11:47 GMT

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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?

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.")

Subject: Re: IDL on Mac Funning Yosemite?

Posted by [David Fanning](#) on Sat, 18 Oct 2014 04:13:26 GMT

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David Fanning writes:

"Funning"!? Seriously. I need to get another beer. :-(

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.")

Subject: Re: IDL on Mac Funning Yosemite?

Posted by [nerdzoo](#) on Sat, 18 Oct 2014 12:11:35 GMT

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

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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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
```

idlde 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

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Subject: Re: IDL on Mac Funning Yosemite?
Posted by [acvsaraiva](#) on Sat, 18 Oct 2014 18:27:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

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

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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

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [acvsaraiva](#) on Sat, 18 Oct 2014 18:40:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

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:

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to keep an outdated OS on my computer.

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> Thank you all,
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> 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

Subject: Re: IDL on Mac Funning Yosemite?

Posted by [ivan.courriel](#) on Sat, 18 Oct 2014 19:38:09 GMT

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I found an amazingly simple solution. (I'm running IDL 8.2)

Just go to Applications/exelis/idl82/bin/bin.darwin.x86_64 and you should have two files named libz.1.dylib and libz.1.2.3.dylib (or some new version). Delete libz.1.dylib and IDL 8.2 should work perfectly.

At least it did for me.

On Saturday, October 18, 2014 6:11:53 AM UTC+2, 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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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:

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

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>
> 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

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [acvsaraiva](#) on Sat, 18 Oct 2014 21:36:15 GMT
[View Forum Message](#) <> [Reply to Message](#)

Em sábadó, 18 de outubro de 2014 16h52min24s UTC-3, fawltyl...@gmail.com escreveu:
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>>>> Referenced from: /usr/local/exelis/idl82/bin/bin.darwin.x86_64/libidl.8.2.dyl ib
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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
>
```

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>
>> in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
>
>>
>
>> 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.
>
>
>
> 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

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [Saurav](#) on Sat, 18 Oct 2014 23:51:22 GMT
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Hi Ivan and Lajos,

I got the same problem in IDL 7.1 and moved IDL's libz.1.dylib as you suggested. Now IDL gets started up, reads the startup file, but then crashes:

```
saurav: ~ > idl
IDL Version 7.1, Mac OS X (darwin x86_64 m64). (c) 2009, ITT Visual Information Solutions
```

```
% Compiled module: ASTROLIB.
% Compiled module: LOADCT.
No matching pixelformats found, perhaps try using LIBGL_ALLOW_SOFTWARE
Abort trap: 6
saurav: ~ >
```

Any ideas what is happening and how to fix it?

Thanks, in advance, for your help,
~Saurav

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [Saurav](#) on Sat, 18 Oct 2014 23:59:20 GMT
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Actually, just fixed my own problem by going along with your suggestion for libz. I moved /Applications/itt/idl/bin/bin.darwin.x86_64/gl_driver.so elsewhere, and it worked like a charm.

Cheers,
~Saurav

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [jradavenport](#) on Sun, 19 Oct 2014 04:16:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

I was able to get it working using the info here, and playing around with it a bit. Here's the error I was getting:

```
dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
  Referenced from: /Applications/itt/idl/bin/bin.darwin.x86_64/libidl.7.1.dylib
  Reason: image not found
Trace/BPT trap: 5
```

It looks like Yosemite no longer has /usr/X11, instead it has /opt/X11. So my first solution was to create a symbolic link:

```
sudo ln -s /opt/X11 /usr/X11
```

Then it gave me another error:

```
dyld: Symbol not found: _inflateReset2
  Referenced from: /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
  Expected in: /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib
  in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
Trace/BPT trap: 5
```

and so I deleted this file (which is actually a sym link i think):
/Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib

and now we are golden, it works great!

On Friday, October 17, 2014 9:11:53 PM UTC-7, 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?
>
>
>
> This person claims the problem is with libPNG. Can anyone fill me in on
>
> what he is talking about. :-(
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>
> Thanks,
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>
> David
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> --
>
> 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.")

Subject: Re: IDL on Mac Funning Yosemite?

Posted by [granttremblay](#) on Sun, 19 Oct 2014 18:57:04 GMT

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

this solution worked perfectly for me! Thank you!

On Sunday, October 19, 2014 12:16:26 AM UTC-4, jradav...@gmail.com wrote:

> I was able to get it working using the info here, and playing around with it a bit. Here's the error

I was getting:

```
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>
> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
>
> Referenced from: /Applications/itt/idl/bin/bin.darwin.x86_64/libidl.7.1.dylib
>
> Reason: image not found
>
> Trace/BPT trap: 5
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>
> It looks like Yosemite no longer has /usr/X11, instead it has /opt/X11. So my first solution was to
create a symbolic link:
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> sudo ln -s /opt/X11 /usr/X11
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> Then it gave me another error:
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> dyld: Symbol not found: _inflateReset2
>
> Referenced from: /System/Library/Frameworks/IO.framework/Versions/A/Resources/libPng.dylib
>
> Expected in: /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib
>
> in /System/Library/Frameworks/IO.framework/Versions/A/Resources/libPng.dylib
>
> Trace/BPT trap: 5
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> and so I deleted this file (which is actually a sym link i think):
>
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> /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib
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>
>
> and now we are golden, it works great!
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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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>> 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.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [jinddu](#) on Mon, 27 Oct 2014 00:08:07 GMT
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Hi jradav

How about this case?

dyld: warning, DYLD_ setting caused circular dependency in
/System/Library/Frameworks/IOKit.framework/Versions/A/IOKit
IDL Version 8.2, Mac OS X (darwin x86_64 m64). (c) 2012, Exelis Visual Information Solutions,
Inc.
Segmentation fault: 11

Please help me

Regards,

Jin-Soo Kim

> I was able to get it working using the info here, and playing around with it a bit. Here's the error I was getting:

>

> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib

> Referenced from: /Applications/itt/idl/bin/bin.darwin.x86_64/libidl.7.1.dylib

> Reason: image not found

> Trace/BPT trap: 5

>

>

> It looks like Yosemite no longer has /usr/X11, instead it has /opt/X11. So my first solution was to create a symbolic link:

>

> sudo ln -s /opt/X11 /usr/X11

>

>

> Then it gave me another error:

>

> dyld: Symbol not found: _inflateReset2

> Referenced from: /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

> Expected in: /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib

> in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

> Trace/BPT trap: 5

>

>

> and so I deleted this file (which is actually a sym link i think):

> /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib

>

> and now we are golden, it works great!

>

>

> On Friday, October 17, 2014 9:11:53 PM UTC-7, 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?

>>

>>

>>

>> This person claims the problem is with libPNG. Can anyone fill me in on

>>
>> what he is talking about. :-(
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>> Thanks,
>>
>>
>>
>> David
>>
>> --
>>
>> David Fanning, Ph.D.
>>
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>>
>> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>>
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [granttremblay](#) on Fri, 31 Oct 2014 15:02:28 GMT
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While I was able to get jradav's fix to work on a machine which had IDL 8.2 installed ****prior**** to the upgrade to Yosemite, it looks like the IDL 8.2 **installer** isn't working when trying to install a fresh IDL 8.2 installation on a new machine running Yosemite.

The issue is that the installer only has "greyed out" options when trying to either "Install for all Users" or "install for me only".

I have created the symbolic link (`sudo ln -s /opt/X11 /usr/X11`) prior to trying to run the installer, but no luck.

Any ideas?

here is what the issue looks like: <http://imgur.com/sYBaAL3>

On Sunday, October 19, 2014 12:16:26 AM UTC-4, jradav...@gmail.com wrote:

> I was able to get it working using the info here, and playing around with it a bit. Here's the error I was getting:

>
> dyld: Library not loaded: /usr/X11/lib/libfreetype.6.dylib
> Referenced from: /Applications/itt/idl/bin/bin.darwin.x86_64/libidl.7.1.dylib
> Reason: image not found

```

> Trace/BPT trap: 5
>
>
> It looks like Yosemite no longer has /usr/X11, instead it has /opt/X11. So my first solution was to
create a symbolic link:
>
> sudo ln -s /opt/X11 /usr/X11
>
>
> Then it gave me another error:
>
> dyld: Symbol not found: _inflateReset2
> Referenced from: /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
> Expected in: /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib
> in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
> Trace/BPT trap: 5
>
>
> and so I deleted this file (which is actually a sym link i think):
> /Applications/itt/idl/bin/bin.darwin.x86_64/libz.1.dylib
>
> and now we are golden, it works great!
>
>
> On Friday, October 17, 2014 9:11:53 PM UTC-7, David Fanning wrote:
>> Folks,
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>>
>> 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
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>> truth to this? Is there a trick to installing IDL on this OS?
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>> This person claims the problem is with libPNG. Can anyone fill me in on
>>
>> what he is talking about. :-(
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>> Thanks,
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>> 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.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [natha](#) on Mon, 03 Nov 2014 14:44:29 GMT
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Same problem here !

The issue is that the installer only has "greyed out" options when trying to either "Install for all Users" or "Install for me only".

nata

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [natha](#) on Tue, 04 Nov 2014 01:14:25 GMT
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The answer from Technical Support:

IDL 8.2 is not officially supported on Mac 10.10 (Yosemite). For officially supported platforms for IDL 8.2, please see this help article <http://www.exelisvis.com/Support/HelpArticlesDetail/TabId/219/ArtMID/900/ArticleID/5242/5242.aspx>.

We have had several customers able to get their IDL 8.4 running on 10.10 by using this help article <http://www.exelisvis.com/Support/HelpArticlesDetail/TabId/219/ArtMID/900/ArticleID/14200/Is-ENVI-52--IDL-84-compatible-with-Mac-OS-X-1010-Yosemite.aspx>

IDL 8.4 is not officially supported for Mac 10.10 but seems to be working. Maybe this help article above can be helpful to you.

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [aslihanu](#) on Sun, 09 Nov 2014 19:37:54 GMT

I removed libz.1.dylib. It worked, but another program "RMFIT", which I run through idl vm, is working very slow now. Any suggestions to fix it?

Thanks,
Aslihan

On Saturday, October 18, 2014 10:38:11 PM UTC+3, ivan.c...@gmail.com wrote:

> I found an amazingly simple solution. (I'm running IDL 8.2)

>

> Just go to Applications/exelis/idl82/bin/bin.darwin.x86_64 and you should have two files named libz.1.dylib and libz.1.2.3.dylib (or some new version). Delete libz.1.dylib and IDL 8.2 should work perfectly.

>

> At least it did for me.

>

> On Saturday, October 18, 2014 6:11:53 AM UTC+2, 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?

>>

>>

>>

>> 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.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [o.o.d.sachta](#) on Tue, 18 Nov 2014 22:10:32 GMT
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Can anyone please help me?
After deleting libz.1.dylib I still cannot debug or run.
The error is:
yld: Symbol not found: _inflateReset2
Referenced from: /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
Expected in: /Applications/idl711darwin.i386_ppc/idl711/bin/bin.darwin.x86_64/libz.1.dylib
in /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

Thanks a lot,
Petr Šácha.

> 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?
>
> This person claims the problem is with libPNG. Can anyone fill me in on
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>
> Thanks,
>
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> --
> David Fanning, Ph.D.
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> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [SHENYUE JIA](#) on Thu, 20 Nov 2014 04:20:26 GMT
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Yes. Heard about this JAVA v6 problem on Yosemite. And it brings trouble with QGIS as well.
Hope Apple can fix it in the later versions.

On Saturday, October 18, 2014 5:11:38 AM UTC-7, nerdzoo wrote:

> 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?

>>

>

>

>

> I can confirm that IDL 8.2 fails to run in Yosemite with the following error message:

>

> 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

>

> idlde 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.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [kevin.ddu](#) on Wed, 26 Nov 2014 01:19:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

> I can confirm that IDL 8.2 fails to run in Yosemite with the following error message:
>
> 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

I had a similar issue. After upgrading to Yosemite, I could not load IDL from the command line.

The error read:

dyld: Library not loaded: /usr/X11/lib/libXp.6.dylib
Referenced from: /Applications/exelis/idl82/bin/bin.darwin.x86_64/libidl.8.2. dylib
Reason: image not found
Trace/BPT trap: 5

After noticing I did not have an X11 directory in the /usr/ directory, I soft linked it from /opt/X11/:

```
sudo mkdir /usr/X11/  
password: *****  
sudo ln -s /opt/X11/* /usr/X11/
```

This solved my issue.

-Kevin

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [kevin.ddu](#) on Wed, 26 Nov 2014 01:23:10 GMT
[View Forum Message](#) <> [Reply to Message](#)

> sudo mkdir /usr/X11/
> password: *****
> sudo ln -s /opt/X11/* /usr/X11/

>
> This solved my issue.

Oops, I forgot to include the last step:
Before checking if IDL worked, I ran `idl_setup.bash`.

So, if the first two steps (`mkdir`, `ln`) do not work, make sure to do this last step (if not using the bash shell, use the appropriate `idl_setup`).

-Kevin

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [nauraj1](#) on Tue, 02 Dec 2014 18:44:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Tuesday, November 25, 2014 8:23:12 PM UTC-5, kevi...@gmail.com wrote:

```
>> sudo mkdir /usr/X11/
>> password: *****
>> sudo ln -s /opt/X11/* /usr/X11/
>>
>> This solved my issue.
>
> Oops, I forgot to include the last step:
> Before checking if IDL worked, I ran idl_setup.bash.
>
> So, if the first two steps (mkdir, ln) do not work, make sure to do this last step (if not using the
bash shell, use the appropriate idl_setup).
```

> -Kevin

Hello all,

I have same problem with KARMA. I couldn't solve it. I would be grateful if any of you can solve my problem. Thanks in advance -Nauraj

The issue is:

```
dyld: Library not loaded: /usr/X11/lib/libXaw.7.dylib
Referenced from: /usr/local/karma/bin/kvis
Reason: image not found
Trace/BPT trap: 5
```

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [kevinheng](#) on Mon, 20 Apr 2015 12:38:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

This was BRILLIANT!!! THANKS FOR THIS!!!

On Saturday, October 18, 2014 at 9:38:11 PM UTC+2, ivan.c...@gmail.com wrote:

> I found an amazingly simple solution. (I'm running IDL 8.2)

>

> Just go to Applications/exelis/idl82/bin/bin.darwin.x86_64 and you should have two files named libz.1.dylib and libz.1.2.3.dylib (or some new version). Delete libz.1.dylib and IDL 8.2 should work perfectly.

>

> At least it did for me.

>

> On Saturday, October 18, 2014 6:11:53 AM UTC+2, 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?

>>

>>

>>

>> This person claims the problem is with libPNG. Can anyone fill me in on

>>

>> what he is talking about. :-(

>>

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>> Thanks,

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>>

>> 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.")

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [donchuphd](#) on Wed, 13 May 2015 08:04:52 GMT
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Can you explain that further?

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [gatita.kat](#) on Mon, 07 Sep 2015 22:50:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Solution worked for me! Thanks.

Subject: Re: IDL on Mac Funning Yosemite?
Posted by [huntleyhal](#) on Fri, 11 Mar 2016 00:19:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Saturday, October 18, 2014 at 12:52:24 PM UTC-7, fawltyl...@gmail.com wrote:
> 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:

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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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>>>> 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.dyl ib
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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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>>>> -Caesar
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>>>> > This person claims the problem is with libPNG. Can anyone fill me in on
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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.")
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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
>>
>> 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

This worked for my similar problem. All I did was rename the libz.1.dylib file and then restarted idl. It worked fine. I did this for version 8.2 of IDL.

Hal
