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Subject: Issues with XQuartz 2.7.11 on macOS

Posted by [Michael Galloy](#) on Fri, 11 Nov 2016 17:58:03 GMT

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Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL widgets for me:

```
~$ idl
```

```
IDL Version 8.5.1, Mac OS X (darwin x86_64 m64).
```

```
(c) 2015, Exelis Visual Information Solutions, Inc., a subsidiary  
of Harris Corporation.
```

```
IDL> xloadct
```

```
Error: attempt to add non-widget child "dsm" to parent "idl" which  
supports only widgets
```

The fix that worked for me were the following two commands:

```
sudo mv /opt/X11/lib/libXt.6.dylib{,.bak}  
sudo cp /opt/X11/lib{/flat_namespace,}/libXt.6.dylib
```

[Downgrading] to 2.7.9 (but not 2.7.10) also worked for me.

[Downgrading]: <https://www.xquartz.org/releases/index.html> "XQuartz - Releases"

Mike

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Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: Issues with XQuartz 2.7.11 on macOS

Posted by [Matt Haffner](#) on Wed, 16 Nov 2016 16:10:10 GMT

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Helpful fix--thanks.

This also fixes the hard crash that some widgets are causing (e.g., Coyote routine error messages):

```
IDL> cgplot, indgen(100), /blah
```

```
% Compiled module: CGERRORMSG.
```

```
Warning: Fatal Error:
```

```
_XmGetDefaultDisplay cannot be used prior to VendorS.Initialize, returns NULL
```

```
Segmentation fault: 11
```

The detailed thread dumps (in ~/Library/Logs/DiagnosticReports/) did point to an interaction between libXt in the new X11 and libXm (Motif library) included with IDL.

Looks like it's a known problem now (as posted in another thread):

<http://www.harrisgeospatial.com/Support/HelpArticlesDetail/TabId/219/ArtMID/900/ArticleID/14944/XQuartz-2710-is-Not-Compatible-with-ENVI-531-and-IDL-851.aspx>

Their suggestion in that link to update the dylib load path in the "idl" start script works fine too. However, you'd also need to edit the "init" script inside of the /Contents/MacOS/ path if you use the IDE.

mh

On Friday, November 11, 2016 at 11:55:59 AM UTC-6, Mike Galloy wrote:

> Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL  
> widgets for me:

>  
> ~\$ idl  
> IDL Version 8.5.1, Mac OS X (darwin x86\_64 m64).  
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> of Harris Corporation.  
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>

> [Downgrading] to 2.7.9 (but not 2.7.10) also worked for me.

>  
>  
> [Downgrading]: <https://www.xquartz.org/releases/index.html> "XQuartz -  
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>  
> Mike  
> --  
> Michael Galloy  
> [www.michaelgalloy.com](http://www.michaelgalloy.com)  
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [ggiardin](#) on Thu, 13 Apr 2017 09:06:52 GMT  
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On Friday, November 11, 2016 at 6:55:59 PM UTC+1, Mike Galloy wrote:  
> Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL  
> widgets for me:  
>  
> ~\$ idl  
> IDL Version 8.5.1, Mac OS X (darwin x86\_64 m64).  
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>  
> [Downgrading]: <https://www.xquartz.org/releases/index.html> "XQuartz -  
> Releases"  
>  
> Mike  
> --  
> Michael Galloy  
> [www.michaelgalloy.com](http://www.michaelgalloy.com)  
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Fixed it for me to. Thank you so much!

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [derekamariscal](#) on Wed, 26 Apr 2017 19:18:30 GMT  
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+1! Thanks!

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [pog1987](#) on Mon, 05 Jun 2017 17:47:44 GMT  
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Il giorno venerdì 11 novembre 2016 18:55:59 UTC+1, Mike Galloy ha scritto:

```
> Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL
> widgets for me:
>
> ~$ idl
> IDL Version 8.5.1, Mac OS X (darwin x86_64 m64).
> (c) 2015, Exelis Visual Information Solutions, Inc., a subsidiary
> of Harris Corporation.
>
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>
> [Downgrading] to 2.7.9 (but not 2.7.10) also worked for me.
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> [Downgrading]: https://www.xquartz.org/releases/index.html "XQuartz -
> Releases"
>
> Mike
> --
> Michael Galloy
> www.michaelgalloy.com
> Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
```

you kinda saved me; thank you!!

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [katelynallers](#) on Tue, 06 Jun 2017 15:02:05 GMT  
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Thanks! I needed to upgrade XQuartz for gv to work, which unfortunately broke my idl widgets.  
This fixed things nicely.

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [jingucla](#) on Wed, 07 Jun 2017 00:46:15 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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On Friday, November 11, 2016 at 9:55:59 AM UTC-8, Mike Galloy wrote:  
> Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL

> widgets for me:  
>  
> ~\$ idl  
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>  
> Mike  
> --  
> Michael Galloy  
> [www.michaelgalloy.com](http://www.michaelgalloy.com)  
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

It fixed for me too, thank very much!

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [visalkavinda](#) on Thu, 17 Aug 2017 23:39:42 GMT  
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Thanks a lot. It worked

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Subject: Re: Issues with XQuartz 2.7.11 on macOS  
Posted by [gcristadoro](#) on Mon, 13 Nov 2017 14:49:21 GMT  
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Il giorno venerdì 11 novembre 2016 18:55:59 UTC+1, Mike Galloy ha scritto:  
> Upgrading from XQuartz from 2.7.9 to 2.7.11 on macOS Sierra broke IDL  
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> --  
> Michael Galloy  
> [www.michaelgalloy.com](http://www.michaelgalloy.com)  
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

it worked. thanks!

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Subject: Issues with XQuartz 2.7.11 on macOS  
Posted by [lovewest44](#) on Wed, 06 Dec 2017 11:10:38 GMT  
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Hello...nice to meet you as well

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