
Subject: Re: XROI in IDL5.6 on MAC OS 10.2?

Posted by [David Fanning](#) on Tue, 04 Feb 2003 04:37:56 GMT

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Richard G. French (rfrench@wellesley.edu) writes:

> Can someone out there give XROI a try on IDL5.6 using MAC OS 10.2? Mine
> fails in several different ways:
>
> XROI,dist(300) gives "Unknown dynamically loadable module: iptool"
>
> XROI by itself brings up a widget, but I get syntax errors in
> query_image.pro when it gets to QUERY_PNG and QUERY_JPEG, etc.
>
> Perhaps I don't have my path set up properly.
>
> Any advice would be welcome.
>
> I tried this on my Solaris box and got a core dump when I did
>
> Data=dist(300)
> Data=exp(-data/100)
> Data=shift(data,150,150)
> Xroi,data
>
> Buss error (core dumped)
>
> Other images seemed to work OK.

Don't have a Mac, but this sounds like the MacOS 10.2
OpenGL bug that is affecting many object graphics
programs. Karl Schultz reported it in this article:

Subject: Re: Alpha Blending inside of Widgets / Graphic Objects in
Widgets

From: "Karl Schultz" <kNOSPAMschultz@rsinc.com>

Date: Fri, 31 Jan 2003 10:49:17 -0700

XROI is, of course, an object graphics program.

Don't know what could be wrong with the Solaris box,
but I taught an IDL class last week on Solaris
boxes and I saw LOTS of weird things! This doesn't
surprise me at all. :-)

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: XROI in IDL5.6 on MAC OS 10.2?
Posted by [gutmann](#) on Wed, 05 Feb 2003 23:32:54 GMT
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"Richard G. French" <rfrench@wellesley.edu> wrote in message
news:<BA64A37C.12E%rfrench@wellesley.edu>...
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works fine for me

10.2.3, idl 5.6, Apple's X11 as does the code that you say crashes your solaris box

Subject: Re: XROI in IDL5.6 on MAC OS 10.2?
Posted by [Karl Schultz](#) on Thu, 06 Feb 2003 16:50:23 GMT
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"David Fanning" <david@dfanning.com> wrote in message
news:MPG.18a8f1815ec00db0989ac0@news.frii.com...
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> From: "Karl Schultz" <kNOSPAMschultz@rsinc.com>
> Date: Fri, 31 Jan 2003 10:49:17 -0700

>
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Right. But I don't really know what is happening here. Failing to find the iptool DLM is pretty unrelated to the X server. We also don't know whether Richard is running the Apple beta X server, XDarwin, or something else.

The message "Unknown dynamically loadable module: iptool" means that IDL didn't or can't read the IPTOOL.DLM file, which causes IDL to not know about the DLM. I would first investigate installation and permission problems.

Richard might also try calling RSI Tech Support since they may have seen this problem before.

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> but I taught an IDL class last week on Solaris
> boxes and I saw LOTS of weird things! This doesn't
> surprise me at all. :-)

I can't explain this either. I tried all these things on both OS X and Sun and couldn't reproduce the problems. Both these failures seem pretty basic and I would tend to look for installation issues.

Karl

Subject: Re: XROI in IDL5.6 on MAC OS 10.2?
Posted by [MKatz843](#) on Thu, 06 Feb 2003 19:02:57 GMT
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> works fine for me
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I second the motion. Same configuration as above. Works perfectly--fast, responsive, etc.

I didn't even know about this little tool (XROI). Thanks for pointing it out to me.

I don't know if it's relevant, but the first 4 lines of my .Xdefaults file are:

```
idl.gr_visual: TrueColor
idl.gr_depth: 24
idl.retain: 2
idl.renderer: 1
```

M. Katz
