
Subject: Re: IDL on Suns: XWindows <-> OpenWindows

Posted by [ali](#) on Tue, 27 Oct 1992 17:39:45 GMT

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In article <27OCT199210163616@stars.gsfc.nasa.gov>, offenberg@stars.gsfc.nasa.gov (JOEL D. OFFENBERG (301) 286-5801) writes...

>

> In article <1992Oct26.151752.9624@rulway.LeidenUniv.nl>, mellema@rulcvx.LeidenUniv.nl (Garrelt Mellema) writes...

>

>> We have IDL Version 2.1.2 running on a Sun (sunos4.1.sun4). We
>> normally use MIT XWindows on these machines, although OpenWindows
>> is still available. But when you ask IDL to perform some X work
>> (like ? or XLOADCT) in MIT XWindows, it aborts/crashes with the message:

>>

>> OPEN LOOK Toolkit Error in application "idl":

>> Could not find default OPEN LOOK button font:

>> Resolution: d Point Size: 12

>

> Widget functions in IDL were incompatible with MIT XWindows before
> version 2.3 or 2.3.2. You need a later version of IDL, or to avoid
> widget applications, such as XLOADCT and MP_WIDGETS (you can avoid the
> latter by re-writing MAN_PROC.PRO).

"Incompatible" is not quite accurate. The OpenLook widget toolkit uses special fonts that the MIT server doesn't have available by default. IDL versions built against the OpenWindows 2.0 release will fail to find the fonts, as in the case above. The OpenWindows 3.0 toolkit handles this situation more gracefully.

In either case, all you have to do is convert the fonts and make the server use them. The process is detailed in the file notes/openwin_widget_fonts.doc in the IDL distribution. Mail me if you don't have a copy, or get it from the internet FTP sites.

I use this setup on my home system (Sun 3, MIT X) without problem.

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