Subject: Re: IDL on Suns: XWindows <-> OpenWindows
Posted by offenberg on Tue, 27 Oct 1992 14:16:00 GMT

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).

Joel D. Offenberg
Hughes STX
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Subject: Re: IDL on Suns: XWindows <-> OpenWindows
Posted by ali on Tue, 27 Oct 1992 17:39:45 GMT

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...
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> 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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