
Subject: (no subject)

Posted by [Pearson J E](#) on Mon, 07 Aug 1995 07:00:00 GMT

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A small problem I am having in pvwave.

How do you read in values from data files into structs?

Any help would be appreciated.

--

Jonathan Pearson - Postgrad	Why Waste Time Learning?	
Computer Science Dept.	When Ignorance Is Instantaneous!	
University Of Essex,England		
Mail--jepear@essex.ac.uk	- Hobbes, from Calvin and Hobbes fame	

Subject: Re: (no subject)

Posted by [Mark Fardal](#) on Thu, 09 Nov 1995 08:00:00 GMT

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> Pat Broos writes:

>

> Does anyone know what X windows resource I can set to control the font size

> used in IDL widgets?

While we're on this subject, does anyone know where to find a comprehensive list of X resources used in the core IDL routines, and what they do? I couldn't find much helpful information in the IDL manuals. The X resources set in my .Xdefaults are

```
Idl.colors:    -5
Idl*threeD:    TRUE
Idl*scale:     10
Idl*foreground: white
Idl*background: mediumPurple4
Idl*topShadowColor: white
Idl*bottomShadowColor: PeachPuff2
Idl*inputFocusColor: green
```

but at the moment I'm not even sure what all of these do. Some of them may be set to ridiculous values because I was trying to find out.

Thanks,
Mark

Subject: Re: (no subject)

Posted by [knighton](#) on Fri, 10 Nov 1995 08:00:00 GMT

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In <30A2D7E6.41C67EA6@shapley.colorado.edu> Mark Fardal <fardal@shapley.colorado.edu> writes:

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> but at the moment I'm not even sure what all of these do. Some of
> them may be set to ridiculous values because I was trying to find out.

Well, I don't think that there is a comprehensive list of X resources used by IDL, but if you look in the file:

/usr/local/rsi/idl_4/resource/X11/lib/X11/app-defaults/Idl

or something to that effect, you can gain a lot of clues. This mostly sets up idltool, but it also provides a little general information.

I get the impression that RSI doesn't support getting down and dirty with resources because they can't guarantee backward compatibility for your resource settings in future releases.

In my own experiments I have found the following global resource names seem to work and give the ability to do basic color scheme setup:

Idl*

Idl*text*

Idl*button*

Idl*list*

To make text widgets have a white background and black text I use:

Idl*text*background: white

Idl*text*foreground: black

I have not tried setting fonts with resources, but I am sure that it's possible. I typically use the FONT keyword to do this so that my applications look consistent in layout to all of my users.

Note that you can also assign resource names with the RESOURCE_NAME keyword. This allows you to get very specific in your applications. Unfortunately, the standard IDL compound widgets don't support this and require modification if you want to use this keyword.

I hope this helps.

Ken Knighton knighton@gav.gat.com knighton@cts.com
Fusion Division
General Atomics
San Diego, CA

Subject: Re: (no subject)

Posted by [djackson](#) on Fri, 10 Nov 1995 08:00:00 GMT

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In article <47t4kc\$p5t@hearst.cac.psu.edu>
Pat Broos <patb> writes:

> Does anyone know what X windows resource I can set to control the font size
> used in IDL widgets?

I wish I could have found the reference in the help system, but I couldn't. Anyway, putting a line in your .Xdefaults file in your home directory will do the trick for you. I keep all these around, only the first one, the one without the '!' at the front will be used. Please forgive the wraparound on two of these lines, they should be on one line each.

Idl*fontList: *-fixed-bold-*-normal-*-13-*-*-*-*-*

!Idl*fontList: -adobe-helvetica-bold-r-normal-*-10-100-*-*-*-*

!Idl*fontList: *-helvetica-bold-r-normal-*-12-*-*-*-*-*

!Idl*fontList: -misc-fixed-bold-r-normal--13-120-75-75-c-70-iso8859-1

!Idl*fontList:

-misc-fixed-bold-r-semicondensed--13-120-75-75-c-60-iso8859- 1

```
!Idl*fontList:  
-misc-fixed-medium-r-semicondensed--13-100-100-100-c-60-iso8 859-1  
!Idl*fontList:  
-misc-fixed-medium-r-semicondensed--12-90-100-100-c-60-iso88 59-1  
!Idl*fontList: -sgi-screen-medium-r-normal--12-120-72-72-m-70--ascii  
!Idl*fontList: -sgi-screen-bold-r-normal--12-120-72-72-m-80--ascii
```

Also, you might not have all of these fonts on your system. You might find one you like using:

```
IDL> print, xfont()
```

then copy and paste the result into an Idl*fontlist: line.

Cheers,
-Dick

Dick Jackson djackson@ibd.nrc.ca Institute for Biodiagnostics
Opinions are mine alone. National Research Council Canada, Winnipeg
"And I told him my dream was to live for all time
In some perfect refrain, like the man who wrote 'Danny Boy'."
- Joe Jackson, from the album Night_Music, 1994.
