Subject: Re: Mac OS x IDL font handling
Posted by James Kuyper on Wed, 08 Aug 2007 22:23:04 GMT
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clivecoo...@gmail.com wrote:
> HI,
>
> I am still pretty new with running IDL within the Mac operating system
> and am having some problems with understanding the way in which fonts
> work. I only have a basic understanding on UNIX, so i think that this
> is my problem. So my question would be how do i plot a graph using for
> example a Times new roman font. In windows idl i set font =0 and then
> device,set_font="times new roman*bold*20" for example and it is easy
> to adjust the font size or whether or not its bold, italic or normal.
> Now on the Mac i am completely confused. the device fonts available to
> idl all have long seemingly complicated names eg ...-adobe-helvetica-
> bold-o-normal--18-180-75-80-p-103-iso8859-1

That looks like the same font naming conventions used on conventional
unix platforms. Is there an xfontsel utility available on the Mac? I
found playing around with that utility was very useful on Linux and
Irix machines for helping me understand what those conventions mean.

Subject: Re: Mac OS x IDL font handling
Posted by JD Smith on Thu, 09 Aug 2007 17:05:56 GMT
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On Wed, 08 Aug 2007 17:25:41 +0000, clivecook59 wrote:

> HI,
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> I am still pretty new with running IDL within the Mac operating system
> and am having some problems with understanding the way in which fonts
> work. I only have a basic understanding on UNIX, so i think that this
> is my problem. So my question would be how do i plot a graph using for
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> idl all have long seemingly complicated names eg ...-adobe-helvetica-
> bold-o-normal--18-180-75-80-p-103-iso8859-1
>
> Any help would be greatly appreciated.

You can use '*' as a wildcard, and then ask DEVICE for all matching
fonts. Here I select the first (optionally) bold, italic, courier font
of the requested point size:

```
if keyword_set(b) then b='bold' else b='medium'
if keyword_set(i) then i='i' else i='r'
if ~keyword_set(sz) then sz=12
device,get_fontnames=df,font='*cour*'+b+'-'+i+'-normal*--'+ $
     strtrim(sz,2)+'*'
dispfont=df[0]
```

Seeing all the fonts:

```
device,get_fontnames=df,font='*'
```

is instructive as well. You specific request would probably read:

```
device,get_fontnames=times,font='*times*bold-r-normal*--20*'
```

JD