Subject: Re: Sun Symbol
Posted by David Fanning on Mon, 25 Oct 2004 16:12:27 GMT

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Ben Panter writes:

> I always use M!l!9n!x!n which seems to work pretty well [in postscript
> output of course... and onscreen it looks ok to me with simplex fonts]

Maybe I have my fonts totally screwed up now, but
when I look at the PostScript output with Ghostview,
it looks less like a circle with a dot, and more like
someone hit you in the arm as you were starting to write
your name. :-(

Looks OK in vector fonts, and this is what sunsymbol.pro
from the Astro library does too.

> M_\odot - not sure if this works with textoidl though

No, it doesn't. One of our problems. :-(

Let me ask another question. Has anyone got PostScript
to accept a unicode glyph, such as !Z(164)? I have ISOLATIN1
turned on. I am trying to switch to a Wingding true-type font
that has this symbol. The Unicode on the Wingding character map
is 0xA4, which I read as 164. Is this correct? Here is the code
I'm tying to use. I get this message when I use it:

  % PLOT: Invalid graphtext command: ...!Z('00a4'xL)!X

Same thing happens when I try !Z(164).

Code:

```
Set_Plot, 'PS'
device, _Extra=psconfig(/nogui)
device, filename='sunsymbol.ps', /isolatin1
device, set_font='wingdings', /tt_font, font_index = 8
device, set_font='helvetica', /tt_font
Plot, findgen(11), xTitle="This is Sun Symbol M!8!Z(00a4'xL)!X", $
   Title='This is the x title', YTitle='This is the Y title', font=0
Device, /Close
```

All ideas welcome. I don't even think my font_index
code is switching to wingdings, because if I print
text I get helvetica looking character, not wingdings.

I'm confused...

Cheers,

David

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David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http:/www.dfanning.com/
Phone: 970-221-0438, IDL Book Orders: 1-888-461-0155