Subject: Re: PS Sun Symbol Posted by chris_torrence on Mon, 28 Apr 2003 19:44:24 GMT View Forum Message <> Reply to Message

Hi Chad,

If you want to use vector-drawn fonts instead, there is a very nice sun symbol under the math font:

IDL> !p.font = -1 IDL> xyouts, 0.5, 0.5, '!9n'

The !9 switches to math font, and the "n" is the character representing the sun.

You can use:

IDL> showfont,9,'Math' to view all of the available symbols.

-Chris

Chad Bender cbender@hapuna.ess.sunysb.edu wrote in message news:sea9c972_4@marge.ic.sunysb.edu ...

- > I'm trying to make a sun symbol (circle with a dot in the middle) under
- > PS hardware fonts. There is a command (sunsymbol) in the astronomy users
- > library that does this, however the dot is noticeably off center. Has
- > anyone come up with a better way of generating the symbol?

>

> For reference, the command used in the 'sunsymbol' function is:

> device,/AVANTGARDE,/BOOK,ISOLATIN=0,FONT_INDEX = 20
> return, '!20!S!DO!R!I ' + string(183b) + '!X!N'

> return, :20:3:00:1\text{\text{:}} + \text{\text{:}} \text{ining(1030)} + :\text{\text{:}} \

> I checked the archives, but the last post referencing this topic was way

back in 97.

> Also:

- > IDL> print, !version
- > { x86 linux unix 5.4 Sep 25 2000 32 32}

> >

- > Thanks
- > Chad Bender

Subject: Re: PS Sun Symbol

Posted by Chad Bender on Mon, 28 Apr 2003 19:58:31 GMT

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Yes, I'm aware of the vector version of it. I just prefer the printed look

of the hardware fonts. On that note, is it possible to switch between vector and hardware fonts in the middle of a text string? I suppose I could do something tricky like plotting the axis twice -- first do the text and ticks in hardware fonts, and then overplot in vector fonts the sun symbol. Aligning things would be difficult, but I might give it a shot.

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Chad
Chris Torrence <chris torrence@yahoo.com> wrote:
: Hi Chad,
: If you want to use vector-drawn fonts instead, there is a very nice
: sun symbol under the math font:
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  IDL> xyouts, 0.5, 0.5, '!9n'
: The !9 switches to math font, and the "n" is the character
: representing the sun.
: You can use:
  IDL> showfont,9,'Math'
: to view all of the available symbols.
: -Chris
: Chad Bender <cbender@hapuna.ess.sunysb.edu> wrote in message
news:<3ea9c972_4@marge.ic.sunysb.edu>...
:> I'm trying to make a sun symbol (circle with a dot in the middle) under
:> PS hardware fonts. There is a command (sunsymbol) in the astronomy users
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:>
:> Also:
:> IDL> print, !version
:> { x86 linux unix 5.4 Sep 25 2000
                                      32
                                            32}
:>
:>
:> Thanks
:> Chad Bender
```