
Subject: Re: PS Sun Symbol

Posted by [chris_torrence](#) on Mon, 28 Apr 2003 19:44:24 GMT

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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:<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
> 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!! ' + string(183b) + '!X!N'
```

>

> 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.

Chad

Chris Torrence <chris_torrence@yahoo.com> wrote:

: Hi Chad,

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: 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.

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: Chad Bender <cbender@hapuna.ess.sunysb.edu> wrote in message
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:> { x86 linux unix 5.4 Sep 25 2000 32 32}

:>

:>

:> Thanks

:> Chad Bender