
Subject: Re: weird font issue: string("305B) does not work any more?

Posted by [David Fanning](#) on Sun, 06 Jul 2008 14:09:48 GMT

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biophys writes:

```
> It's been a long time since last time I used something like
> string("305B) to get these special characters. However, this time it
> doesn't work for me on a windows machine with direct graphics. If I
> use
>
> IDL>!p.font=-1 & XYOUTS,.1, .5, '!3Here is an Angstrom symbol: ' +
> STRING("305B), /NORM, CHARSIZE=3
> or
> IDL>!p.font=1 & XYOUTS,.1, .5, '!3Here is an Angstrom symbol: ' +
> STRING("305B), /NORM, CHARSIZE=3
>
> the angstrom does not show up.
```

As far as I know this has never worked with direct graphics and hardware fonts. In fact, I don't see how it could.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: weird font issue: string("305B) does not work any more?

Posted by [biophys](#) on Sun, 06 Jul 2008 23:30:24 GMT

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Hi, David

Thanks for the comments. It simply doesn't work for both Hershey Vector fonts or True Type fonts. Maybe I should not mention the !p.font=0 case which is kinda irrelevant. So to clarify a bit, here's what works on a linux box but not on my windows xp.

```
IDL>set_plot,'win'
```

```
IDL>!p.font=-1
```

```
IDL> XYOUTS,.1, .5, '!3Angstrom symbol:'+STRING("305B), /NORM
```

It should just work according to the font section of the appendices of IDL API References Guide. And my current work around is to change `STRING("305B)` into `!Z(00c5)`.

bp

On Jul 6, 7:09 am, David Fanning <n...@dfanning.com> wrote:

> biophys writes:

>> It's been a long time since last time I used something like

>> `string("305B)` to get these special characters. However, this time it

>> doesn't work for me on a windows machine with direct graphics. If I

>> use

>

>> `IDL>!p.font=-1 & XYOUTS,.1, .5, '!3Here is an Angstrom symbol: ' +`

>> `STRING("305B), /NORM, CHARSIZE=3`

>> or

>> `IDL>!p.font=1 & XYOUTS,.1, .5, '!3Here is an Angstrom symbol: ' +`

>> `STRING("305B), /NORM, CHARSIZE=3`

>

>> the angstrom does not show up.

>

> As far as I know this has never worked with direct graphics

> and hardware fonts. In fact, I don't see how it could.

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: weird font issue: `string("305B)` does not work any more?

Posted by [David Fanning](#) on Mon, 07 Jul 2008 01:37:08 GMT

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biophys writes:

> Thanks for the comments. It simply doesn't work for both Hershey

> Vector fonts or True Type fonts. Maybe I should not mention the !

> `p.font=3D0` case which is kinda irrelevant. So to clarify a bit, here's

> what works on a linux box but not on my windows xp.

>

```
> IDL>set_plot,'win'  
> IDL>!p.font=3D-1  
> IDL> XYOUTS,.1, .5, '!3Angstrom symbol:'+STRING("305B), /NORM  
>  
>  
> It should just work according to the font section of the appendices of  
> IDL API References Guide. And my current work around is to change  
> STRING("305B) into !Z(00c5).
```

I would say it is a minor miracle that it works with True Type fonts at all, and you would be pushing your luck to expect more. Sounds like you found the work-around. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
