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

View Forum Message <> Reply to Message

## 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

View Forum Message <> Reply to Message

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
>> 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

View Forum Message <> Reply to Message

## 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.")