
Subject: Re: italic greek?

Posted by [David Fanning](#) on Tue, 11 Dec 2012 18:00:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

sdjohnson.mail@gmail.com writes:

> I am trying to make a plot with an italicized greek symbol (theta) using the various cg commands, but have not found a way of doing so. Does anyone know how?

I think you are probably going to have to find an italicized Greek font somewhere...

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: italic greek?

Posted by [David Fanning](#) on Tue, 11 Dec 2012 18:13:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

>

> sdjohnson.mail@gmail.com writes:

>

>> I am trying to make a plot with an italicized greek symbol (theta) using the various cg commands, but have not found a way of doing so. Does anyone know how?

>

> I think you are probably going to have to find

> an italicized Greek font somewhere...

You can obviously make italic versions of Postscript fonts, including the Symbol font, which is used to create Greek characters:

```
Set_Plot, 'PS'
```

```
Device, /Italic, /Symbol
```

But, there is no way in IDL that I know of to switch

from an non-italic to italic and back to non-italic font inside a text string. So, if you wanted an italic theta and non-italic text otherwise, you would have to divide the text string into italic and non-italic parts and write them separately.

Seems like a lot of work for very little benefit to me. :-)

Cheers,

David

--

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

Subject: Re: italic greek?

Posted by chris_torrence@NOSPAM on Wed, 12 Dec 2012 06:00:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

Correct me if I'm wrong, but aren't the lowercase Greek letters all "italic" in both the Hershey and Truetype fonts that ship with IDL?

So couldn't you just use the !M to switch to the symbol font, then use "q" to insert the theta?

In new graphics, this would look like either one of the following:

```
p = plot(/test, title='Abc $!theta$ def')
```

```
p = plot(/test, title='Abc !Mq def')
```

The syntax in either DG or CG would be similar.

Cheers,
Chris
ExelisVIS
