
Subject: Text in plots

Posted by [Alberto Verga](#) on Fri, 27 Aug 1999 07:00:00 GMT

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Is there a simple way to write greek symbols and subscripts in the titles and labels of a plot?

Something like:

```
plot, y, xtitle='omega_t', ytitle='r^2/alpha'
```

Thanks,

--

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Subject: Re: Text in Plots

Posted by [David Fanning](#) on Mon, 16 Apr 2007 17:25:01 GMT

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ebertf@gmx.de writes:

- > I would like to know if it is possible to show more complicated Texts
- > in XTITLE or YTITLE with the PLOT procedure, or any other Texts
- > associated with plots (title, annotations)
- > For example texts with subscripts or mixed fonts like greek letters:
- > like T_alpha
- > The simple fonts are not enough to make nice printouts....

Um, yes:

IDL> ? format codes

Look for the "embedded in IDL strings" section.

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: Text in Plots

Posted by [Marshall Perrin](#) on Tue, 17 Apr 2007 07:45:10 GMT

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David Fanning <news@dfanning.com> wrote:

> ebertf@gmx.de writes:

>

>> I would like to know if it is possible to show more complicated Texts

>> in XTITLE or YTITLE with the PLOT procedure, or any other Texts

>> associated with plots (title, annotations)

>> For example texts with subscripts or mixed fonts like greek letters:

>> like T_alpha

>> The simple fonts are not enough to make nice printouts....

>

> Um, yes:

>

> IDL> ? format codes

>

> Look for the "embedded in IDL strings" section.

Also do a web search for the 'textoidl' package if you want a more user-friendly solution than the default format codes.

E.g. "!7m!X F!D!7m!X!N" vs. textoidl("\nu F_\nu")

Actually learning IDL format codes would require more brain storage than I have left available. :-)

- Marshall

Subject: Re: Text in Plots

Posted by [David Fanning](#) on Tue, 17 Apr 2007 11:51:00 GMT

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Marshall Perrin writes:

> Actually learning IDL format codes would require more brain storage

> than I have left available. :-)

You've got to be kidding me! You don't think '!6!sA!r!u!9 %!6!n'
is a simple way to create an angstrom sign!?

http://www.dfanning.com/misc_tips/angstrom.html

Something is seriously wrong with you. Please turn in your computer science credentials immediately!

Cheers,

David

--

David Fanning, Ph.D.

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

Subject: Re: Text in Plots

Posted by [Marshall Perrin](#) on Wed, 18 Apr 2007 16:27:09 GMT

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David Fanning <news@dfanning.com> wrote:

- > Something is seriously wrong with you. Please turn in your
- > computer science credentials immediately!

Hey, I'm an astrophysicist. I don't think we're allowed to have any real computer science credentials. :-)

(Well, apart from a few notable exceptions like J.D., whose very impressive CUBISM IRS-spectral-cube-building application just saved me untold hours of work last night. But I, sadly, am mostly just another one of the great unwashed masses of scientists who can only dream of someday writing code like that.)

- Marshall

Subject: Re: Text in Plots

Posted by [David Fanning](#) on Wed, 18 Apr 2007 17:41:12 GMT

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Marshall Perrin writes:

- > (Well, apart from a few notable exceptions like J.D., whose very
- > impressive CUBISM IRS-spectral-cube-building application just saved
- > me untold hours of work last night. But I, sadly, am mostly
- > just another one of the great unwashed masses of scientists who can only
- > dream of someday writing code like that.)

Yeah, and I have an idea that JD wishes he was *paid* for those untold hours of work he has saved all of us over the years. :-)

Cheers,

David

P.S. Not that public acknowledgement doesn't help, but
it just doesn't, you know, pay the tuition bills. :-)

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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