
Subject: Re: Format of contour labels?

Posted by [Bob\[3\]](#) on Wed, 16 Jan 2008 18:46:24 GMT

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On Jan 16, 12:40 pm, MichaelT <michael.theus...@gmail.com> wrote:

- > Dear all,
- > can anybody tell me if it is possible to define the format of a
- > contour label in a contour plot? So for example to get 500,000 instead
- > of 0.5×10^6 ?
- >
- > Thanks, Michael

c_annotation perhaps?

Unfortunately you'll have to specify the levels explicitly.

e.g. `contour, z, levels=[500000],c_annotation=["500,000"]`

Bob.

Subject: Re: Format of contour labels?

Posted by [David Fanning](#) on Wed, 16 Jan 2008 19:55:52 GMT

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Bob Crawford writes:

- > c_annotation perhaps?
- >
- > Unfortunately you'll have to specify the levels explicitly.
- > e.g. `contour, z, levels=3D[500000],c_annotation=3D["500,000"]`

Yes, you might have to move to object graphics. Lots of formatting available there. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming (www.dfanning.com)

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

Subject: Re: Format of contour labels?

Posted by [MichaelT](#) on Thu, 17 Jan 2008 16:29:59 GMT

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>
> Yes, you might have to move to object graphics. Lots
> of formatting available there. :-)
>
> Cheers,
>
> David

Thanks for both your answers.

I also thought about using `c_annotate`, but had hoped there'd be another way.

Unfortunately, I don't know much about object graphics... So I should probably get "IDL Programming Techniques, 2nd Edition", right?

Cheers, Michael

Subject: Re: Format of contour labels?

Posted by [David Fanning](#) on Thu, 17 Jan 2008 16:41:41 GMT

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MichaelT writes:

> Thanks for both your answers.
> I also thought about using `c_annotate`, but had hoped there'd be
> another way.
> Unfortunately, I don't know much about object graphics... So I should
> probably get "IDL Programming Techniques, 2nd Edition", right?

Power Graphics with IDL by Ronn Kling would probably do you more good for object graphics. :-)

And although it is VERY long in the tooth, and badly needs updating, XCONTOUR still goes a long way in getting you started along this path:

<http://www.dfanning.com/programs/xcontour.pro>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Format of contour labels?

Posted by [pgrigis](#) on Thu, 17 Jan 2008 16:42:26 GMT

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MichaelT wrote:

>>

>> Yes, you might have to move to object graphics. Lots
>> of formatting available there. :-)

>>

>> Cheers,

>>

>> David

>

> Thanks for both your answers.

> I also thought about using `c_annotate`, but had hoped there'd be

> another way.

Well, that shouldn't prove too hard... all you have to do is to write a small function that takes in a float and outputs a string in the format you like. Granted, it may take a little while to do, but I am sure it will be much faster than learning obj graphics. And, you can use that function later on for labeling axis tick marks as well, if you like.

Ciao,
Paolo

> Unfortunately, I don't know much about object graphics... So I should
> probably get "IDL Programming Techniques, 2nd Edition", right?

>

> Cheers, Michael
