
Subject: Re: Greek font in ytitle ?

Posted by [David Fanning](#) on Mon, 28 Aug 2006 19:24:46 GMT

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Dilkushi@gmail.com writes:

> I need to include 'delta' (as a Greek letter) as my ytitle..
> please keep me posted

Ten-four. Or, rather, !4:

```
IDL> text = 'This is a delta symbol (!4' + String("144B) + '!X'
```

```
IDL> xyouts, 0.5, 0.5, /normal, size=2.0, align=0.5, text
```

You can learn about the details here:

http://www.dfanning.com/ographics_tips/greek.html

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. (Opata Indian saying, meaning "Perhaps thou speakest truth.")

Subject: Re: Greek font in ytitle ?

Posted by [cgguido](#) on Mon, 28 Aug 2006 21:33:18 GMT

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You can also search in the group or elsewhere for the fantastic textoidl.pro. If you know a little tex you can do a lot quite easily with it.

```
ytitle=textoidl("\delta')
```

or

```
ytitle=textoidl("\Delta')
```

Gianguido

Dilkushi@gmail.com wrote:

> Hello all

> I need to include 'delta' (as a Greek letter) as my ytitle..

> please keep me posted
> thanks
> dilkushi

Subject: Re: Greek font in ytitle ?

Posted by Dilkushi@gmail.com on Mon, 28 Aug 2006 22:20:05 GMT

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Gianguido

from where can i find textoidl.pro ?

Gianguido Cianci wrote:

> You can also search in the group or elsewhere for the fantastic
> textoidl.pro. If you know a little tex you can do a lot quite easily
> with it.

>
> ytitle=textoidl('\delta')

>
> or
>
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>
> Gianguido

>
> Dilkushi@gmail.com wrote:

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>> I need to include 'delta' (as a Greek letter) as my ytitle..
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>> thanks
>> dilkushi

Subject: Re: Greek font in ytitle ?

Posted by [David Fanning](#) on Mon, 28 Aug 2006 22:26:36 GMT

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Dilkushi@gmail.com writes:

> from where can i find textoidl.pro ?

Dilkushi reports that the !4 trick didn't work for him at all, so I doubt that TexToIDL will help either, since that is just an indirect way of doing exactly the same

thing. You can find it here:

<http://physweb.mnstate.edu/mcraig/textoidl/>

The real question is why isn't it working on your machine and with your version of IDL. I don't have many ideas about that! :-)

Cheers,

David

--

David Fanning, Ph.D.

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Sepore ma de ni thui. (Opata Indian saying, meaning "Perhaps thou speakest truth.")

Subject: Re: Greek font in ytitle ?

Posted by [cgguido](#) on Mon, 28 Aug 2006 22:28:01 GMT

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google 'textoidl' and you get:

<http://physweb.mnstate.edu/mcraig/TeXtoIDL/>

it's that easy :-)

Gianguido

Dilkushi@gmail.com wrote:

> Gianguido

> from where can i find textoidl.pro ?

>

>

>

> Gianguido Cianci wrote:

>

>> You can also search in the group or elsewhere for the fantastic
>> textoidl.pro. If you know a little tex you can do a lot quite easily
>> with it.

>>

>> ytitle=textoidl("\delta")

>>

>> or

>>

```
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>>
>> Gianguido
>>
>> Dilkushi@gmail.com wrote:
>>> Hello all
>>> I need to include 'delta' (as a Greek letter) as my ytitle..
>>> please keep me posted
>>> thanks
>>> dilkushi
```

Subject: Re: Greek font in ytitle ?
Posted by Dilkushi@gmail.com on Mon, 28 Aug 2006 22:45:35 GMT
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I found texttoidl
but it stops half way through
d

Gianguido Cianci wrote:

```
> You can also search in the group or elsewhere for the fantastic
> textoidl.pro. If you know a little tex you can do a lot quite easily
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>
> ytitle=textoidl('\delta')
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>
> Dilkushi@gmail.com wrote:
>> Hello all
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>> thanks
>> dilkushi
```

Subject: Re: Greek font in ytitle ?
Posted by Dilkushi@gmail.com on Mon, 28 Aug 2006 22:51:28 GMT
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David

I am using IDL ver 6.2
and when i run
IDL>ytitle=textoidl('\Delta')
i get this error

Variable is undefined: STRTRANS.
Error occurred at: TEXTOIDL

:(
sob sob
dilkushi

David Fanning wrote:

> Dilkushi@gmail.com writes:
>
>> from where can i find textoidl.pro ?
>
> Dilkushi reports that the !4 trick didn't work for him
> at all, so I doubt that TexToIDL will help either, since
> that is just an indirect way of doing exactly the same
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> The real question is why isn't it working on your
> machine and with your version of IDL. I don't have
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>
> 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. (Opata Indian saying, meaning "Perhaps thou
> speakest truth.")

Subject: Re: Greek font in ytitle ?
Posted by [cgguido](#) on Mon, 28 Aug 2006 23:09:03 GMT
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Hi Dilkushi,

as a general rule, when asking for help it is good to give quite a few more details (as many as are pertinent)! and avoid vague phrases such as 'half way through' :-(

What version of IDL are you using, on what OS... a sample input and sample error message are also useful.

G

Dilkushi@gmail.com wrote:

> I found texttoidl
> but it stops half way through
> d
>

Subject: Re: Greek font in ytitle ?

Posted by [David Fanning](#) on Mon, 28 Aug 2006 23:18:02 GMT

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Dilkushi@gmail.com writes:

> I am using IDL ver 6.2
> and when i run
> IDL>ytitle=textoidl('\Delta')
> i get this error
>
> Variable is undefined: STRTRANS.
> Error occurred at: TEXTOIDL
>
> :(
> sob sob

Well, it's going to get worse. We haven't even tried to write a program yet. :-(

Sounds to me like you either didn't get all the files you need, or you didn't put the files that you did get on the IDL PATH so they can be found when they are needed. This is all pretty basic stuff. Anyone around there know enough IDL to help?

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. (Opata Indian saying, meaning "Perhaps thou speakest truth.")

Subject: Re: Greek font in ytitle ?
Posted by [cgguido](#) on Tue, 29 Aug 2006 13:54:23 GMT
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Dilkushi@gmail.com wrote:

- > David
- > I am using IDL ver 6.2
- > and when i run
- > IDL>ytitle=textoidl('\Delta')
- > i get this error
- >
- > Variable is undefined: STRTRANS.
- > Error occurred at: TEXTOIDL

Did you download all the files at
http://physweb.mnstate.edu/mcraig/textoidl/textoidl-2-1-2/fi_lolist.htm
?

if so, you might want to restart your idl or .run strtrans and any other file that is not found.

the first time you run textoidl on a new idl session you should get the following messages, proving that all the supporting procedures are found and usable.

```
% Compiled module: TEXTOIDL.  
% Compiled module: TEXTABLE.  
% Compiled module: STRTRANS.  
% Compiled module: STRSPLIT.  
% Compiled module: TRANSLATE_SUB_SUPER.  
% Compiled module: NEXTTOK.
```

Give it a shot and let us know. Hope this helps,

Gianguido

Subject: Re: Greek font in ytitle ?
Posted by [David Box](#) on Tue, 29 Aug 2006 15:30:44 GMT
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Gianguido Cianci wrote:

> Dilkushi@gmail.com wrote:

>> David

>> I am using IDL ver 6.2

>> and when i run

>> IDL>ytitle=textoidl('\Delta')

>> i get this error

>>

>> Variable is undefined: STRTRANS.

>> Error occurred at: TEXTOIDL

>

>

> Did you download all the files at

> <http://physweb.mnstate.edu/mcraig/textoidl/textoidl-2-1-2/figlist.htm>

> ?

>

> if so, you might want to restart your idl or .run strtrans and any

> other file that is not found.

>

> the first time you run textoidl on a new idl session you should get the

> following messages, proving that all the supporting procedures are

> found and usable.

>

> % Compiled module: TEXTOIDL.

> % Compiled module: TEXTABLE.

> % Compiled module: STRTRANS.

> % Compiled module: STRSPLIT.

> % Compiled module: TRANSLATE_SUB_SUPER.

> % Compiled module: NEXTTOK.

>

> Give it a shot and let us know. Hope this helps,

>

> Gianguido

dilkushi

Try this blog

<http://www.students.ncl.ac.uk/a.j.mee/blog/index.php/2006/05/04/using-extended-characters-and-symbols-in-idl-plots/>

The explanation there is pretty straight forward showing both in line examples as well as referring to library additions such as textoidl

David

Subject: Re: Greek font in ytitle ?

Dear all
I did it the conventional way
I think the font was set to something else.. this works fine... see the following..
I used Dr. Fanning's example
I really appreciate your help and time..
Nice to know that people care..
God bless you all
dilkushi

```
SET_PLOT, 'PS'  
!P.font=4
```

```
DEVICE, FILENAME='fontnew.ps'
```

```
str = 'This is the Delta character: (!9' + String("144B) + '!X')  
xyouts, 0.6, 0.6, /normal, size=2.0, align=0.5, str  
DEVICE, /CLOSE  
end
```

David Fanning wrote:

```
> Dilkushi@gmail.com writes:  
>  
>> I need to include 'delta' (as a Greek letter) as my ytitle..  
>> please keep me posted  
>  
> Ten-four. Or, rather, !4:  
>  
> IDL> text = 'This is a delta symbol (!4' + String("144B) + '!X')  
> IDL> xyouts, 0.5, 0.5, /normal, size=2.0, align=0.5, text  
>  
> You can learn about the details here:  
>  
> http://www.dfanning.com/ographics\_tips/greek.html  
>  
> 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. (Opata Indian saying, meaning "Perhaps thou
> speakest truth.")

Subject: Re: Greek font in ytitle ?

Posted by [David Fanning](#) on Tue, 29 Aug 2006 17:21:08 GMT

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Dilkushi@gmail.com writes:

> I did it the conventional way
> I think the font was set to something else.. this works fine... see the
> following..
> I used Dr. Fanning's example
> I really appreciate your help and time..
> Nice to know that people care..
> God bless you all
> dilkushi
>
>
> SET_PLOT, 'PS'
> !P.font=4

As far as I know, !P.FONT can have one of three values: -1, 0, and 1.
But, hey, whatever works, I say. :-)

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. (Opata Indian saying, meaning "Perhaps thou
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