
Subject: Re: Greek Symbols in Plot Annotations

Posted by [David Fanning](#) on Mon, 11 Jan 2010 23:14:54 GMT

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Paul van Delst writes:

```
> Excellent. I no longer need to do stuff like
>
> Delta   = !D.NAME EQ 'PS' ? '!9D!X' : '!4D!X'
> epsilon = !D.NAME EQ 'PS' ? '!9e!X' : '!4e!X'
>
> in my code! Woohoo!
>
> BTW, why not do something like
>
> IF !D.NAME EQ 'PS' THEN BEGIN
>   DEVICE, /ISOLATIN1
>   esc = '!9'
> ENDIF ELSE BEGIN
>   esc = '!4'
> ENDELSE
>
> CASE StrLowerCase(letter) OF
>   'alpha': greekLetter = (capital) ? String("101B) : String("141B)
>   'beta':  greekLetter = (capital) ? String("102B) : String("142B)
>   ...etc...
> ENDCASE
> greekLetter = esc + greekLetter + '!X'
>
> ?
>
> The only thing the CASE construct should be doing is selecting the right string element,
> right? All the other stuff (prefixing and suffixing with the escape sequences, testing for
> PS or not) can be done outside. Then you only need one CASE construct and the code is not
> so wet[*]. :o)
```

Have you even noticed that it is a hell of lot easier to write code after the fact then it is while you are actually doing it?

What I should do is wait three days after writing a new program and e-mailing it to Maarten Sneepe and Matt Savoie before I let anyone else see it. If I did that, I'd be considered a genius, probably. Those boys sure know how to pick good ideas apart. And now Paul is piling on.

This is not starting out to be a good week. :-(

Cheers,

David

P.S. Of course, you are right. I'll see what I can do
do when I get over the embarrassment. :-)

--

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

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