
Subject: Vertical text orientation?

Posted by [rjp23](#) on Wed, 03 Jun 2015 09:42:59 GMT

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This one's driving me mad :-(

I'm sure I've done it before but I can't remember how to.

I want to put some text on a plot that runs vertically down the page.

I don't want to just rotate the text, I want all the characters to still be "upright" but one beneath the other.

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(hopefully the above formatting is kept)

Anyone any ideas better than printing each individual character?

Cheers

Rob

Subject: Re: Vertical text orientation?

Posted by [Helder Marchetto](#) on Wed, 03 Jun 2015 10:01:39 GMT

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On Wednesday, June 3, 2015 at 11:43:01 AM UTC+2, rj...@le.ac.uk wrote:

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>
> Rob

Since you didn't say in which type of graphic enviroment you wanted this, I give you what I *can* do:

```
likeThis = byte('LIKE THIS')  
nChars = n_elements(likeThis)  
likeThisArray = strarr(nChars)  
for i=0,nChars-1 do likeThisArray[i] = string(likeThis[i])  
i = image(/test)  
t = text(0.5,0.5,likeThisArray,color='red')
```

But I guess you wanted direct graphics...

Cheers,
Helder

Subject: Re: Vertical text orientation?
Posted by [David B](#) on Wed, 03 Jun 2015 10:17:49 GMT
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I cannot remember how I did this exactly, but some PS fonts give out vertical text as a by-product. It's a little sad if you want to use a specific font, but I have done this many times with may Y axis title when I didn't wish to. I remember being startled by 'Declination' being stood up the first time it happened.

I think the above approach is best in a generalised manner and just enclose it within its own procedure.

David

Subject: Re: Vertical text orientation?

Posted by [Craig Markwardt](#) on Wed, 03 Jun 2015 12:55:18 GMT

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On Wednesday, June 3, 2015 at 5:43:01 AM UTC-4, [rj...@le.ac.uk](#) wrote:

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> Cheers

>

> Rob

Try using the '!C' embedded graphics code.

'THIS' ;; becomes

'T!C' + 'H!C' + 'I!C' + 'S!C'

It's an exercise for the reader to make an IDL procedure which does this automatically... :-)

Craig

Subject: Re: Vertical text orientation?

Posted by [vaibhavpant55](#) on Fri, 05 Jun 2015 05:20:33 GMT

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On Wednesday, June 3, 2015 at 3:13:01 PM UTC+5:30, [rj...@le.ac.uk](#) wrote:

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use XYOUTS with ORIENTATION keyword. ORIENTATION keyword will rotate the string with given angle (in degrees).

```
str='LIKE THIS'
```

```
xyouts,10,10,str,orientation=270
```

Regards,
Vaibhav Pant
