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Subject: Question about coord\_transform keyword in axis function

Posted by [zbjiang803109](#) on Sun, 22 Jun 2014 19:55:58 GMT

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Hi,

When I tried to plot a figure in which one axis starts from larger to smaller, using the coord\_transform keyword, a problem happens.

For example, first generate a plot:

```
ip=plot(findgen(10))
```

then add the y-axis:

```
yax=axis('Y',coord_transform=[0,-1],title='Y_axis',target=ip ,location=[0,0,0])
```

The tick numbers and the title are flipped entirely (as if seeing from a mirror).

How come? And how to correct this?

Thanks. --Zhibo

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Subject: Re: Question about coord\_transform keyword in axis function

Posted by [zbjiang803109](#) on Sun, 22 Jun 2014 20:18:04 GMT

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> How come? And how to correct this?

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> Thanks. --Zhibo

This is partially solved by adding the keyword: text\_orientation=1, but the title is still flipped.

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Subject: Re: Question about coord\_transform keyword in axis function  
Posted by [chris\\_torrence@NOSPAM](#) on Thu, 03 Jul 2014 09:28:24 GMT  
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This was a bug. It is fixed in IDL 8.3 (for sure). I can't remember if it is fixed in IDL 8.2.3. Maybe someone else can confirm when it was fixed?

-Chris

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