Subject: Inconsistency in the position of the text() function
Posted by Helder Marchetto on Fri, 19 Jun 2015 08:42:21 GMT

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Hi,
I'm a bit puzzled by how the position parameter of the text function works.
I expect something and get something else...
Here is a short example:

```
p = plot(/test)
tl = text(0.5,0.8,'test', alignment=0.0)
tc = text(0.5,0.7,'test', alignment=0.5)
tr = text(0.5,0.6,'test', alignment=1.0)
pl = polyline([0.5,0.5],[0.0,1.0],'r2',/norm)
```

This is all fine. If I now set the alignment parameter (to the same value!), I get what I expect (no change):

```
tl.alignment=0.0
tc.alignment=0.5
tr.alignment=1.0
```

But if I set the position parameter, everything is center justified:

```
tl.position=[0.5,0.8]
tc.position=[0.5,0.7]
tr.position=[0.5,0.6]
```

Now the text is centered on the position keyword and the "alignment" parameter is not respected anymore.

Is this what one expects? I didn't expect this...

Cheers,
Helder

Subject: Re: Inconsistency in the position of the text() function
Posted by chris_torrence@NOSPAM on Mon, 22 Jun 2015 17:45:58 GMT

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On Friday, June 19, 2015 at 2:42:23 AM UTC-6, Helder wrote:
> Hi,
> I'm a bit puzzled by how the position parameter of the text function works.
> I expect something and get something else...
> Here is a short example:
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>
> tl.position=[0.5,0.8]
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> tr.position=[0.5,0.6]
>
> Now the text is centered on the position keyword and the "alignment" parameter is not respected anymore.
>
> Is this what one expects? I didn't expect this...
>
> Cheers,
> Helder

Hi Helder,

This was indeed a bug. It's been fixed for IDL 8.5. Thanks for catching it and providing such a nice reproduce case.

Cheers,
Chris

Subject: Re: Inconsistency in the position of the text() function
Posted by Helder Marchetto on Mon, 22 Jun 2015 18:38:20 GMT
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On Monday, June 22, 2015 at 7:46:02 PM UTC+2, Chris Torrence wrote:
> On Friday, June 19, 2015 at 2:42:23 AM UTC-6, Helder wrote:
>> Hi,
>> I'm a bit puzzled by how the position parameter of the text function works.
>> I expect something and get something else...
>> Here is a short example:
>>
>> p = plot(/test)
>> tl = text(0.5,0.8,'test', alignment=0.0)

```
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>>  tr = text(0.5,0.6,'test', alignment=1.0)
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>>  tl.alignment=0.0
>>  tc.alignment=0.5
>>  tr.alignment=1.0
>>
>>  But if I set the position parameter, everything is center justified:
>>
>>  tl.position=[0.5,0.8]
>>  tc.position=[0.5,0.7]
>>  tr.position=[0.5,0.6]
>>
>>  Now the text is centered on the position keyword and the "alignment" parameter is not
respected anymore.
>>
>>  Is this what one expects? I didn't expect this...
>>
>>  Cheers,
>>  Helder
>
>  Hi Helder,
>
>  This was indeed a bug. It's been fixed for IDL 8.5. Thanks for catching it and providing such a
nice reproduce case.
>
>  Cheers,
>  Chris
```

Hi Chris,
thanks for that. Helps a lot.

Cheers,
Helder