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Subject: Re: axis problem

Posted by [R.Bauer](#) on Sun, 20 Jul 2003 07:52:02 GMT

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David Fanning wrote:

> Reimar Bauer writes:

>

>> I am not sure if this is a bug.

>>

>> If I use axis with `_extra xticks=0` the idl automatic is used to draw

>> quite good major ticks.

>> But if I use axis with `_extra (xticks=4,xminor=0)` the major ticks are the

>> same as the other example but no automatic for minor ticks.

>> The same result gives axis with `_extra (xticks=4,xminor=1)`

>

> I don't think this is a bug. The documentation describes

> the MINOR keyword as the number of minor tick \*intervals\*,

> not tick marks. I wouldn't expect any visual difference between

> an axis with 0 minor tick intervals and 1 minor tick interval

> between major tick marks. They should look exactly the same,

> as they do in this example.

>

> Cheers,

>

> David

>

But if I don't use `_extra` it looks different.

I should have submitted this example too. Then `xminor=0` looks different.

```
pro test_axis_minor_error
erase
window,0
tek_color
plot,findgen(15),findgen(15),/nodata,xstyle=5,ystyle=5
```

```
axis,xaxis=0,xticks=4,xminor=0,color=2
```

```
axis,xaxis=1,xticks=4,xminor=1,color=2
```

```
axis,yaxis=0,yticks=4,yminor=0,color=2
```

```
axis,yaxis=1,yticks=4,yminor=1,color=2
```

```
end
```

```
--
```

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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