
Subject: Re: max_value/min_value in the x-axis?

Posted by [David Fanning](#) on Fri, 03 Aug 2012 12:02:00 GMT

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John Coxon writes:

> I want to plot something using the PLOT routine and I want to be able to
> set max_value and min_value on the graph so that nothing above a certain
> point is plotted. However, for various reasons, I'd quite like to do
> this in the x-axis, and not the y-axis. I've Googled, but I can't find
> an easy way to do this; I'm currently thinking that a where statement
> might be my best bet, but does anyone have any alternative suggestions?

Use the XRANGE keyword with XSTYLE set to 1.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: max_value/min_value in the x-axis?

Posted by [John Coxon](#) on Fri, 03 Aug 2012 12:05:07 GMT

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On 03/08/2012 13:02, David Fanning wrote:

> John Coxon writes:

>

>> I want to plot something using the PLOT routine and I want to be able to
>> set max_value and min_value on the graph so that nothing above a certain
>> point is plotted. However, for various reasons, I'd quite like to do
>> this in the x-axis, and not the y-axis. I've Googled, but I can't find
>> an easy way to do this; I'm currently thinking that a where statement
>> might be my best bet, but does anyone have any alternative suggestions?

>

> Use the XRANGE keyword with XSTYLE set to 1.

Ah, I should have been more clear: I want the axes to remain the same
(hence looking specifically for an equivalent to MAX_VALUE instead of
just using this method).

--

John Coxon
<http://www.chickensin envelopes.net/>

Subject: Re: max_value/min_value in the x-axis?
Posted by [David Fanning](#) on Fri, 03 Aug 2012 12:12:55 GMT
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John Coxon writes:

> Ah, I should have been more clear: I want the axes to remain the same
> (hence looking specifically for an equivalent to MAX_VALUE instead of
> just using this method).

Ah. Well, then something like this, I guess:

```
indices = Value_Locate(x, [minVal, maxVal])  
cgPlot, x[indices[0]:indices[1]], y[indices[0]:indices[1]], $  
XRange=[Min(x),Max(x)]
```

Cheers,

David

--

David Fanning, Ph.D.
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