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).

--

Subject: Re: max_value/min_value in the x-axis? Posted by David Fanning on Fri, 03 Aug 2012 12:12:55 GMT View Forum Message <> Reply to Message

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. Fanning Software Consulting, Inc. Coyote's Guide to IDL Programming: http://www.idlcoyote.com/ Sepore ma de ni thui. ("Perhaps thou speakest truth.")