Subject: multi-color (time-series) line plot
Posted by Teddy Allen on Tue, 02 Aug 2011 09:01:48 GMT
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Dear group,
I have a very simple question that I am having trouble resolving (maybe because it is almost 2am)...I have a time series of 500 points. I would like to plot a line plot that has 0:299 in red and 300:499 in blue. Basically, I would like a continuous time series line plot that changes color at a specific location.

p = plot(rainall, xrange=[0,299],color='red')
p1 = plot(rainall, xrange=[300,499],color='blue',/over)

The above does not seem to work and I have played around with the xrange option in addition to the xstyle option. Any hints for this elementary request?
thank you,
teddy

Subject: Re: multi-color (time-series) line plot
Posted by Mark Piper on Wed, 03 Aug 2011 22:37:35 GMT
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On 8/2/2011 3:01 AM, Teddy Allen wrote:
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> (maybe because it is almost 2am)...I have a time series of 500
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> xrange option in addition to the xstyle option. Any hints for this
> elementary request?
> thank you,
> teddy

Hi Teddy,

Please try this:

enso = read_binary(file_which('elnino.dat'), data_type=4) ; 500 elts
time = findgen(n_elements(enso))

p_red = plot(time[0:299], enso[0:299], color='red')
p_blue = plot(time[300:*], enso[300:*], color='blue', /overplot)

I had to introduce the "x" parameter to make this work correctly.

mp
