Subject: Re: How to add trend line over Coyote graphics plot
Posted by David Fanning on Sat, 11 Aug 2012 18:35:57 GMT
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gutewaqi writes:

> I have a time series data where the X-axis is month and Y-axis
> is the value of my parameters. I plotted it using COYOTE GRAPHICS,
> I want to add a linear line, which shows a trend of my parameter
> over the time span considered, I tried it using LINFIT, but there
> is a problem that it considers the Julian day values as a
> number. Can any one help me Please?

A Julian day value *is* a number! I don't understand what
the problem can be. Can you provide some code?

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Subject: RE: How to add trend line over Coyote graphics plot
Posted by Baro on Sun, 12 Aug 2012 06:13:48 GMT
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Hello David

Thank You very much
The problem is I was facing at the time is that the Linear line is not going through the points as I expected, I thought it is the function problem, but later i found where the bug is. Here is my code for plotting the LINFIT

```
        format = LABEL_DATE(DATE_FORMAT=['%M%Y'])
      Trend_Coeff = LINFIT(Date,Region4)
       YFIT = Trend_coeff[0] + Trend_coeff[1]*Date
      Date = julday(N,0,Y)
   cgoplot,Date,YFit,color='red',linestyle=2,thick=2,/addcmd
```

Guta

Subject: RE: How to add trend line over Coyote graphics plot
Posted by Baro on Sun, 12 Aug 2012 06:13:49 GMT
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Hello David

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Guta

Subject: RE: How to add trend line over Coyote graphics plot
Posted by Baro on Sun, 12 Aug 2012 06:13:51 GMT
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Hello David

Thank You very much
The problem is I was facing at the time is that the Linear line is not going through the points as I expected, I thought it is the function problem, but later i found where the bug is. Here is my code for plotting the LINFIT

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Guta