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Subject: read files with time column

Posted by [jg.guerra](#) on Thu, 09 Mar 2006 02:16:29 GMT

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Hi,...

I am getting into IDL and I'd like to plot some data that I have.

The files are called m\_010103 where the numbers are ddmmyy, I have a whole year data:

the data looks like; 00:10:10 3.2 4.5 2.4 xxx xxx xxx,  
I'd like to read all the data and plot them, how can I do it?

cheers

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Subject: Re: read files with time column

Posted by [Haje Korth](#) on Thu, 09 Mar 2006 13:12:43 GMT

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You should look into formatted input and specify the data format using the FORMAT keyword to the READF routine. For example your line could be read as READF, unit,hh,mm,ss,aa,bb,cc,format='(i2,1x,i2,1x,i2,f4.1,f4.1,f4.1)'. This can also be shortened to format='(2(i2,1x),i2,3f4.1)'. Of course, this does not consider those "xxx" numbers.

Haje

<jg.guerra@telefonica.net> wrote in message

news:1141870589.384010.125410@v46g2000cww.googlegroups.com.. .

> Hi,...

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> whole year data:

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> cheers

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Subject: Re: read files with time column

Posted by [enod](#) on Thu, 09 Mar 2006 14:30:02 GMT

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Could I know what is supposed to be the X axis? Do you want to

plot data vs. day of the year? Or you want a plot with a X-axis of time in each day?

Tian

jg.guerra@telefonica.net wrote:

- > Hi,...
  - > I am getting into IDL and I'd like to plot some data that I have.
  - > The files are called m\_010103 where the numbers are ddmmyy, I have a
  - > whole year data:
  - >
  - > the data looks like; 00:10:10 3.2 4.5 2.4 xxx xxx xxx,
  - > I'd like to read all the data and plot them, how can I do it?
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  - > cheers
-