
Subject: Re: about READ_ASCII format and PRINT a double array

Posted by [Spon](#) on Wed, 09 Jul 2008 15:07:52 GMT

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On Jul 9, 6:50 am, CL <lynn0...@gmail.com> wrote:

> Dear all,
>
> I have two troubles in IDL.
>
> One is about READ_ASCII,
> is there any method to read the "string" from some ascii file?
> a test file is as follows,
> -----
> 1 A 30.123123123
> 2 B 40.123123123
> -----
> test=read_ascii('test file')
> col2=[test.field1[1,*]]
>
> IDL will try to transform the format into float.
> Is there any method to read that as a string?
>
> The other trouble is about PRINT
> as the test file above, if I want to print it out,
> col3=[test.field1[2,*]]
> it won't print the "30.123123123" correctly even though
> I set the print format to "D."
> And because the numbers are in an array, I cannot add "d" as
> "30.123123123d."
> Is there any method to print such array correctly?
>
> Thanks a lot!
> CL

You can select to read in this column as double precision by creating a template with ASCII_TEMPLATE.

MyTemplate = ASCII_TEMPLATE('file.dat')

- at step 3, click on the appropriate field and choose double precision

Data = READ_ASCII('file.dat', TEMPLATE = MyTemplate)

Regards,
Chris

Subject: Re: about READ_ASCII format and PRINT a double array

Posted by [Camilo Mejia](#) on Wed, 09 Jul 2008 16:28:03 GMT

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On Jul 9, 1:16 am, CL <lynn0...@gmail.com> wrote:

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> Thanks a lot!
> CL

Hey, have you try
openr,2,'test file'
s=' '
readf,2,s
this read the file line by line.
then extract the part of the string 's' that you need.
cheers

Subject: Re: about READ_ASCII format and PRINT a double array

Posted by [Vince Hradil](#) on Wed, 09 Jul 2008 16:41:18 GMT

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On Jul 9, 12:50 am, CL <lynn0...@gmail.com> wrote:

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> CL

You can use the `ascii_template()` function to make a template then pass this as a keyword to `read_ascii`.
