
Subject: Re: plot structured data

Posted by [davidf](#) on Fri, 09 Mar 2001 17:09:14 GMT

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Dirk Burose (dirk.burose@uni-bonn.de) writes:

> perhaps this is a typical newbie question, but I just started to use the
> read_ascii function. I like to know if there is an easy way to make a plot
> out of structured data especially surface or contour plots. I have a ascii
> data set with 15 columns. I am able to extract the structure I like with
> struct_assign but what happens next. Perhaps someone can help me

Well...

What happens next is that you probably have to tear that structure apart, or at least know how to access the data in it. What you want is a 2D array that you can send to the SURFACE or CONTOUR command. Something like this:

`SURFACE, struct.mydata, struct.my_xvector, struct.my_yvector`

If you don't have a 2D array, you might have to build one by gridding the data you do have. Hard to say, without knowing a LOT more than you have given us to go on.

Have you thought about a good book for learning how to use IDL? :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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