
Subject: Question on PLOTS command

Posted by [dpal](#) on Mon, 06 Jun 1994 17:38:44 GMT

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Hello everybody:

I am trying to overlay the geometry of a computational domain on the contour plot. I am having no trouble in generating the contour plot. I am trying to generate the geometry of domain using PLOTS command. The geometry is very simple and can be generated by drawing a view horizontal and vertical lines. But when I use PLOTS command to generate geometry, for example,

PLOTS, [0, 0],[.9,.9], I get an error message like this

% PLOTS: Data coordinate system not established.

In other words, I am having trouble establishing the data coordinate system.
Can anybody tell me how to establish the data coordinate system in this regard?

thank you

Deb

Subject: Re: Question on PLOTS command

Posted by [offenbrg](#) on Wed, 08 Jun 1994 15:16:54 GMT

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dpal@glue.umd.edu (Debabrata Pal) writes:

> Hello everybody:

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Short answer:

PLOTS,[0,0],[.9,.9],/NORMAL

There are 3 device coordinate types:

NORMAL: The whole window goes from [0,0] to [1.0,1.0], regardless of the size of the window

DATA: Use the existing data frame, if any (i.e. use the axes already plotted on the window from a PLOT command)

DEVICE: The coordinates are in units of pixels from the lower-left, so the window goes from [0,0] to [!D.X_SIZE,!D.Y_SIZE].

Any of these can be used with PLOTS.

Hope this helps

Joel

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"...And I am unanimous in this" - Mrs. Slocumb

| Joel D Offenberg | offenbrg@fondue.gsfc.nasa.gov |
| Hughes STX, NASA/GSFC/LASP | I get paid to stare into space. |
