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Subject: Re: Why can't IDL do simple things...?

Posted by [ryba](#) on Thu, 25 Aug 1994 20:44:18 GMT

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In article <33i7t9\$snk@paperboy.gsfc.nasa.gov>, thompson@orpheus.gsfc.nasa.gov (William Thompson) writes:

|> grunes@imsy1.nrl.navy.mil (Mitchell R Grunes) writes:

|>  
|> >In article <1994Aug24.143231.8722@fys.ruu.nl> hartman@fys.ruu.nl (Jan Willem Hartman) writes:

|> >>..or rather, probably, why can't I make IDL do simple things..

|> >>

|> >>This is what I want: I have this bunch of data: x,y,z. So I want IDL

|> >>to plot just these points (eventually the points may be connected, but

|> >>let's not get too difficult) in 3D. So just like SURFACE, but with no

|> >>surface. Any idea??? Thanks in advance...

|> >>JanWillem Hartman.

|>

|> >plot,[x1,x2,x3],[y1,y2,y3]

|>

|> No, what I think he really wants to be able to do is to say

|>

|> plot, X, Y, Z

|>

|> where (X(i), Y(i), Z(i)) represents a point in 3D space. (One would have to

|> define a viewing angle, of course.) Sounds like a reasonable idea to me.

|> Unfortunately, I don't think IDL can do this at the moment, at least not so

|> straightforwardly.

Isn't it just:

surface,x,y,z,/nodata,/save ; Generate 3-d coordinates

plots,x,y,z,/t3d,psym=xxx ; Plot the points

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Dr. Marty Ryba | Generation X:

MIT Lincoln Laboratory | Too young to be cynical,

ryba@ll.mit.edu | too old to be optimistic.

Of course nothing I say here is official policy, and Laboratory affiliation is for identification purposes only, blah, blah, blah....

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