Subject: Re: IDL versus MATLAB : could you help me ?????
Posted by mfein on Tue, 27 Nov 2001 16:51:26 GMT
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On Tue, 27 Nov 2001 11:06:24 -0500, Paul van Delst
<paul.vandelst@noaa.gov> wrote:

> Richard Tyc wrote:
>>
>> Well, I have worked a bit with MatLab. Not being a an expert in either,
>> here are my two bits:
>>
>> 1. I don't believe Matlab has anything like object graphics in IDL. I would
>> consider this to be a major weakness of Matlab.
>
> Huh - I thought *all* of the graphics capabilities in Matlab were implemented as objects. It's
> just done in such a fashion as to be totally transparent to the user. I've seen people do stuff
> on the command line in Matlab that would take pages of code in IDL object graphics (at least as
> I understand them....which is not a lot).
>

Not sure what you mean by this. -Properties- in Matlab graphics have
an object-oriented flavor-- graphic 'objects' are located in a
hierarchy where properties are encapsulated at various levels.
However, that's really all there is to it (IMO).

More generally, Matlab doesn't have pointer variables or event
management so 'object-orientation' in Matlab has definite limits.
Effectively, object-orientation in Matlab is a way of extending the
type system in a transparent fashion. Very useful, but not the whole
nine yards.

Matt Feinstein   does not include his email address
            in the text of usenet postings.

Harvard Law of Automotive Repair: Anything that goes away
by itself will come back by itself.