
Subject: Re: object graphics !p.multi equivalent
Posted by [davidf](#) on Wed, 13 Jun 2001 16:23:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Lucas Miller (differentiable@hotmail.com) writes:

> Hi all -- first I'd like to say THANKS! You all have been an
> excellent help to a lowly undergrad trying to write some cool code.
> With the help of David's XPlot routine I have my first object graphics
> program working well (bet you didn't know you'd be aiding an
> investigation of Jovian trapped particle radiation when you wrote that
> did you David?... not so suprising though, its utilitarian code: lots
> of applications.) Now for time series plots. I'd like to be able to
> do a variable number of them per page (I used to do this with !p.multi
> and they came out real pretty). Can anyone point me to some source
> code or an illustrative example?

Multiple plots in object graphics are a great deal more flexible than multiple plots in direct graphics using !P.Multi, since you are not confined to a regular grid. You can literally put plots anywhere on the display (or off, alas!) that you like.

Create as many viewports as you need. Add them all to a scene, and render the scene in your destination object. Each viewport can be mapped to a different location in the destination object.

Probably the reason you don't see too many examples of this is that it is awkward to write the code that accepts (in a general way) all of the data and all of the keywords for all of the plots you wish to generate. But, if *you* know all that information ahead of time, it is not difficult.

> PS. David you'll definately be thanked and acknowledged in my thesis
> and software documentation, as will all the authors of Open Source
> software that I use. Hey! How's the object graphics book coming
> along? I'd buy one.

Well, thanks is good, but a willingness to part with money is even better! :-)

Maybe I'll get back to the book. My attempts to get back on the Tennis Tour suffered a setback again last weekend when that young pup, 30 years younger than me, ran me all over the court until my knees gave up. I'd take up golf, but Ernie Els and David Duval tell me that's pretty much hopeless for the next 30 years too, what with Tiger around. :-(

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: object graphics !p.multi equivalent
Posted by [Randall Skelton](#) on Wed, 13 Jun 2001 17:25:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

> PS. David you'll definately be thanked and acknowledged in my thesis
> and software documentation, as will all the authors of Open Source
> software that I use. Hey! How's the object graphics book coming
> along? I'd buy one.

What's this... talk of an object graphics book on the horizon? How do I
add my name to the waiting list? I've been thinking of delving into
object graphics and I am wondering where the best place to begin is? I
notice that RSI has some books on object graphics but nobody ever refers
to them (Advanced Application Development in Object Graphics and
Object-Oriented Programming and Graphics in IDL). Are they worth their
price? What other manuals, for object graphics are available? Any words
of wisdom?

Subject: Re: object graphics !p.multi equivalent
Posted by [R.G.S.](#) on Wed, 13 Jun 2001 18:37:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

Randall Skelton <rshkelto@atm.ox.ac.uk> wrote in message
news:Pine.LNX.4.21.0106131813570.5153-100000@mulligan.atm.ox.ac.uk...

>> PS. David you'll definately be thanked and acknowledged in my thesis
>> and software documentation, as will all the authors of Open Source
>> software that I use. Hey! How's the object graphics book coming
>> along? I'd buy one.

>

> What's this... talk of an object graphics book on the horizon? How do I
> add my name to the waiting list? I've been thinking of delving into
> object graphics and I am wondering where the best place to begin is? I
> notice that RSI has some books on object graphics but nobody ever refers
> to them (Advanced Application Development in Object Graphics and
> Object-Oriented Programming and Graphics in IDL). Are they worth their
> price? What other manuals, for object graphics are available? Any words
> of wisdom?

I personally refuse to do any work until Dave finishes the book and makes it available.

Cheers,
bob stockwell

Subject: Re: object graphics !p.multi equivalent
Posted by [davidf](#) on Wed, 13 Jun 2001 18:52:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

R.G.S. (rgs1967@hotmail.com) writes:

> I personally refuse to do any work until Dave finishes the book and makes it
> available.

This is the kind of pressure I need. This, and the college bills
starting to trickle in. :-(

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155
