
Subject: Re: fsc_surface update

Posted by [David Fanning](#) on Wed, 14 Jul 2004 00:48:01 GMT

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balogna writes:

- > I'm using fsc_surface to visualize data. However the user must be able to
- > select which data they would like to display. Is there anyway to change
- > the data that fsc_surface is plotting? Or do I have to kill the window
- > and then create another one?

My goodness! 15 years I've been writing IDL programs and finally one or two people are using them! You can't imagine how excited I am. :-)

Well, FSC_Surface was written more or less as a direct substitution for the Surface command. You don't necessarily have to kill the window to visualize another surface. Just start up another FSC_Surface command:

```
IDL> FSC_Surface, dist(40)
IDL> FSC_Surface, Findgen(30)#Findgen(30)
```

The two windows operate independently.

There are any number of problems with switching the data in the program. Primarily because this is an object graphics program, which means NOTHING is all that easy. It is not a matter of just switching the data in the IDLgrSurface object. I would also have to re-scale all the axis objects, recompute the font objects, etc. It's possible, but the non-object format of the program itself discourages the attempt.

On the other hand, do you have any money for the deluxe version? :-)

- > If the latter is true how to I get the
- > window/widget id from fsc_surface?

What would you do with it if you got it? Have you worked with any object graphics programs before? This would not be as useful to you as you might think, I expect.

Cheers,

David

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