Subject: Re: black window on fsc_surface & fsc_surface_log?
Posted by u2s5thmember on Wed, 11 Aug 2004 19:16:34 GMT
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David, Your fsc_surface code is Great! I know it's me doing something incorrectly. Here's what I did which was incompatible with fsc_surface which produced the black window:

I usually put the word "stop" just before the word "end" in my code, which allows me to examine or work with the variables after running my code. If I take out the word "stop", idl doesn't seem to remember any of the variables it just used, i.e. it says all my variables are now undefined.

If I remove the word "stop" from my code (I just read I could type ".con" instead), fsc_surface loads correctly and produces a plot. I'm not certain I have the correct plot yet though.

I do have a question re: GridData vs. Triangulate/TriGrid:

For some reason using Triangulate/TriGrid produces negative z axis data, when it should range from 1e-3 to 1, so I'll *have* to figure out GridData. Here's the problem with that:

TriGrid offers the [XGrid=variable], [YGrid=variable] options, so when I run the above code and then call

```
fsc_surface, griddedData, xvector, yvector
```

the DATAX array size matches the Z data size. This part is good, but if I do this instead:

```
griddedData=GridData(x, y, z, dimension=163
```

or

```
griddedData=GridData(x, y, z, dimension=163, $
/GRID, xout=x, yout=y)
```

and then:

```
fsc_surface, griddedData, x, y, position=[0,1,0,1,0,1]
```

or

```
fsc_surface, griddedData, position=[0,1,0,1,0,1]
```

I get either 1) an error message saying the x & y arrays don't match griddedData or 2) fsc_surface plots the array indices on the x- and y-axes and not my actual x & y data.

Do I need to TriGrid after calling GridData???