Subject: Newbie: Some more advice needed
Posted by msingh2 on Thu, 01 Jul 1999 07:00:00 GMT

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Hi all:

I am new to IDL and have gone through the posts on this newsgroups
in addition to my reading of the IDL manuals. I have found the
discussions to be very informative and the wide variety of things
people are doing with IDL makes me pat myself on the back for
joining the IDL users group. Thanks to all who had replied to my
previous post.

I have learnt a lot of syntax with reference to my own needs. I
am trying to plot an isosurface in 3D using slicer3. The matrix is
50x50x50 with 1 representing solid and 0 representing pore. The exact
commands I issued are listed below. In the end some sort of floating
underflow is happening. However, slicer3 shows the isosurface in perfect
shape. Just when I try to save the image as a TIFF file using the slicer3
pull down menu, some major errors occur. Is it because my computer (NT4.0,
128Mb RAM) is running outta memory?

```
IDL> SOLID = INTARR(50,50,50)
IDL> OPENR,1,'E:\MOHIT\JUNK\OUT'
IDL> READF, 1, SOLID
IDL> HELP, SOLID
SOLID        INT      = Array[50, 50, 50]
IDL> SOLIDD = PTR_NEW(SOLID, /NO_COPY)
IDL> HELP, SOLIDD
SOLIDD        POINTER  = <PtrHeapVar1>
IDL> SLICER3, SOLIDD, DATA_NAMES="Porous Media"
% Compiled module: SLICER3.
% Compiled module: LOADCT.
% Compiled module: FILEPATH.
% LOADCT: Loading table B-W LINEAR
% Compiled module: T3D.
% LOADCT: Loading table RED TEMPERATURE
% Compiled module: STRETCH.
% LOADCT: Loading table BLUE/WHITE
% LOADCT: Loading table GREEN/WHITE LINEAR
% Compiled module: VERT_T3D.
% Compiled module: CROSSP.
% Compiled module: XMANAGER.
% Program caused arithmetic error: Floating underflow
% XMANAGER: Caught unexpected error from client application. Message follows...
% Variable is undefined: TEMPORARY.
% Execution halted at:  VIZ3D_EVENT      5019 e:\RSI\IDL52\lib\slicer3.pro
%                       XMANAGER_EVLOOP_STANDARD  471 e:\RSI\IDL52\lib\xmanager.pro
```

```
%         XMANAGER       699 e:\RSI\IDL52\lib\xmanager.pro
%         SLICER3       6329 e:\RSI\IDL52\lib\slicer3.pro
%         $MAIN$
```

Any ideas/suggestions at mohit@uh.edu will be highly appreciated.

Thanks in advance

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Mohit Singh

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haveyoueverwonderedhowdifficultlifewouldbewithoutthespacebar ?