Subject: Slicer3 followup

Posted by Bob Yantosca on Fri, 15 Jan 1999 08:00:00 GMT

I am running IDL 5.1 on the SGI-Origin platform, and have noticed a couple
of things about the library routine "slicer3.pro"

(1) slicer3.pro contains the following call to XMANAGER with the /MODAL
   keyword:

    XMANAGER, 'Slicer3', wMainBase, EVENT_HANDLER='Viz3D_Event', $
       /MODAL, CLEANUP='Viz3D_KillMain'

However, in IDL 5.1, the /MODAL keyword in XMANAGER has been superseded by
a call to /MODAL in WIDGET_BASE. Am not sure what side effects this will
cause, but at some point perhaps RSI should tidy this up.

(2) In a local copy of slicer3.pro, I tried to draw a world map on the
bottom of the cube. I inserted a MAP_SET command into procedure
pro Viz3D_DrawCub (at approx. line 1580 of the slicer3.pro source file).
The command was

    Map_Set, 0, 0, 0, /Grid, /Cont, /T3d, /NoErase

However, this yielded the following error:

% XMANAGER: Caught unexpected error from client application. Message
follows...
% Expression must be a structure in this context: SMAINSTATE.
% Execution halted at: VIZ3D_SLICEEVENT 3504 slicer3.pro
%   XMANAGER_EVLOOP_FAKE_MODAL 559
/usr/local/lib/rsi/idl_5.1/lib/xmanager.pro
%   XMANAGER   697
/usr/local/lib/rsi/idl_5.1/lib/xmanager.pro
%   SLICER3   6315 slicer3.pro
%   CTM_DRAW_CUBE   80 ctm_draw_cube.pro
%   CTM_PLOT   911 ctm_plot.pro
%   GAMAP   392 gamap.pro
% $MAIN$

Any suggestions? Does anyone know if this could be a side effect of the
obsolete /MODAL keyword to XMANAGER?

Thanx,

Bob Y.

Bob Yantosca | Phone: (617) 495-4517 \ "Who needs the Kwik-E-Mart?"
Scientific Programmer | FAX: (617) 495-4551 \   -- Apu (the Simpsons)
Tropospheric Chemistry | email: bmy@io.harvard.edu +-------------------------
Harvard University | WWW: http://www-as.harvard.edu/people/staff/bmy/