Subject: Re: keypressed pauses program - how to do that?
Posted by dutch on Mon, 21 Nov 1994 17:06:10 GMT

In article <39ge03$1do7@jurpool0.rz.uni-frankfurt.de>, frank@chaos.uni-frankfurt.dbp.de (Frank Hoffsuemmer) writes:
Hi all,
basically what I have is a program like this:

```
FOR loop=0,1000 DO BEGIN
  TVSCL, image(loop)
   WAIT, 2
ENDFOR
```

because the images aren't very big it's quite fast.
to make it slower I inserted a 'WAIT, 2' after the TVSCL line.
But that's not what I want to do. It would be much nicer to have something
like a key-controled slide-show, where e.g. <space> toggles pause/slide mode
and e.g <return> (in pause mode) advances the images manually.
I know there's some function for keyboard-stuff in IDL, but I don't know it's
name, and I have no idea how to implement it, that it works the waz I described
above. Maybe somebody wrote something similar an can help me out now.

Maybe you should check out the XANIMATE widget-based routine which allows you
to produce an animation from a series of images, with mouse-control over the display rate, ability
to pause on an image, etc. This may be preferable to
reading from the keyboard. (PS: the procedure 'read' can also be used to read from the
keyboard).

-- Michael
```
############################################################
# Dr. Michael Dutch        email: dutch@eltcv1.epfl.ch #
# Centre de Recherches en Physique des Plasmas        #
# Ecole Polytechnique Federale de Lausanne           #
# 21 Ave des Bains                Aussie.Abroad #
# CH-1007 Lausanne, SWITZERLAND           ,--_|\    #
#---------------------------------------  /    \   #
# << This space available for rent >>      \_.-*._/   #
#   Bill Posters is innocent!              v     #
############################################################
```