Subject: keybaord input Posted by Rob MacLeod on Thu, 24 Sep 1998 07:00:00 GMT View Forum Message <> Reply to Message

Folks.

Simple, beginners questions, but I want to have some very basic control over a program via the keyboard. For example, viewing a set of images and use "n" for next image "p" for previous, etc. Widgets are overkill and more time than I am willing to commit. But instead a command that waits for keyboard input, returns the value entered, which I then process inside the program. Braindead stuff in any other language I have used but I cannot seem to find it in IDL (maybe it's me who is braindead on this one **(-:)**.

If this matters, I need this for the Mac implementation of IDL 5

Thanks, Rob Rob MacLeod, Ph.D. Nora Eccles Harrison Cardiovascular Research and Training Institute (CVRTI) Building 500, University of Utah Salt Lake City, Utah 84112 Internet: macleod@cvrti.utah.edu Phonemail: (801)581-8183 (801)581-3128 Fax:

Subject: Re: keybaord input Posted by Vap User on Fri, 25 Sep 1998 07:00:00 GMT View Forum Message <> Reply to Message

Rob MacLeod <macleod@orthus.cvrti.utah.edu> writes:

- > > Folks,
- > Simple, beginners questions, but I want to have some very basic control
- > over a program via the keyboard. For example, viewing a set of images and
- > use "n" for next image "p" for previous, etc. Widgets are overkill and
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```
> (-: ).
```

You can use either read,'prompt', variable or ret=get_kbrd(1) inside a repeat... until loop. Using Read,... will allow more than one character input from the user, get_kbrd(1) only reads one character for each call.

Something like this would work.

```
usr_input="
 repeat begin
; either do this
  read,"What do you want to do (P=prev/N=next/Q=quit)? ",usr_input
  ret=strupcase( strmid( strtrim( usr_input,2),0,1) )
; or this
  print,' What do you want to do (P=prev/N=next/Q=quit)? '
  ret=strupcase(get_kbrd(1))
; but using get_kbrd() I found that I had to process the 'return'
     ; key, i.e.
  junk=get_kbrd(0)
     ; despite the help page claiming that you can't process return
     ; events this way. Go figure!
  case ret of
   'P': begin
 ; go backwards
   end
   'N': begin
 ; go forwards
   end
   'Q':
   else: begin
 message, 'Sorry, no savvy! Try again', /cont
   end
  endcase
 endrep until ret eq 'Q'
 return
> If this matters, I need this for the Mac implementation of IDL 5
>
```

Hope it doesn't matter.

> Inanks,
>
> Rob
>
>
> Rob MacLeod, Ph.D.
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>

I don't speak for JPL, it doesn't speak for me.
Well, not all the time, at least.
William Daffer <vapuser@haifung.jpl.nasa.gov></vapuser@haifung.jpl.nasa.gov>

Subject: Re: keybaord input Posted by steinhh on Fri, 25 Sep 1998 07:00:00 GMT

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In article <u6bto5ibv4.fsf@orthus.cvrti.utah.edu> Rob MacLeod <macleod@orthus.cvrti.utah.edu> writes:

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- > (-:).

See the online help for GET_KBRD().

Regards,

Stein Vidar