
Subject: Re: raw keyboard input in PVWAVE?
Posted by [sterner](#) on Tue, 22 Oct 1991 21:39:43 GMT
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leydon%bruce.decnet@venus.ycc.yale.edu (Gary Leydon) writes:

> I would like to know if there is a way to get "raw" keyboard input from inside
> a wave procedure or function. I'm running wave on a vaxstation 3200 running
> decwindows and I would like to allow the user to cancel input by hitting a
> single key (e.g. escape) or provide command key equivalents to menu selections.

> All the wave input routines just poll the keyboard and wait for the user to
> hit return before you can examine the input. Is there a way to get async
> input from wave via the call_vms routine?

> Any hints would be greatly appreciated

> Gary leydon
> bitnet Leydon@yalemed
> Internet Leydon%bruce.decnet@venus.ycc.yale.edu

IDL has a function called GET_KBRD, maybe PV-Wave does too. I commonly use a statement like:

if strupcase(get_kbrd(0)) eq 'A' then return

which just checks to see if the A key has been pressed, but doesn't wait for input. The strupcase makes the input case insensitive.

Ray Sterner sterner%str.decnet@warper.jhuapl.edu
Johns Hopkins University North latitude 39.16 degrees.
Applied Physics Laboratory West longitude 76.90 degrees.
Laurel, MD 20723-6099

Subject: Re: raw keyboard input in PVWAVE?
Posted by [thompson](#) on Wed, 23 Oct 1991 13:39:00 GMT
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In article <1991Oct22.184723.19365@news.yale.edu>,
leydon%bruce.decnet@venus.ycc.yale.edu (Gary Leydon) writes...

> I would like to know if there is a way to get "raw" keyboard input from inside
> a wave procedure or function.

In IDL there is the function GET_KBRD. I assume the same function is in PV-WAVE. Calling CHAR = GET_KBRD(1) waits for the user to enter a key at the keyboard. Calling CHAR = GET_KBRD(0) doesn't wait, but returns the first character in the type-ahead buffer, if any.

