Tech Info Library

MacX: How To Work With DEC Application Keypad (3/93)

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TOPIC ---

Operating System: VAX/VMS
Window System: DECwindows

MacX does not handle some of the Macintosh keypad keys correctly in a DECterm set to Application Keypad (SET TERM/APPL). Specifically, I found that the following keypad keys did not produce the application sequences:

```
   Keypad Num Lock
   Keypad =
   Keypad /
   Keypad *
   Keypad +
```

In fact, these keys produced the character on the key face (except Num Lock, which, in TPU, produced an apparent Control-K (Learn) sequence).

DISCUSSION --

You need to map the keys of the numeric keypad to send the PFn keysyms using the program MSAX$MODMAP. This program is located in directory SYS$SYSTEM:

For example, to map the top row of the keypads, the correct mapping is:

```
   keycode 79 = KP_F1
   keycode 89 = KP_F2
   keycode 83 = KP_F3
   keycode 75 = KP_F4
```

If you have PATHWORKS for Macintosh, DEC has some example mapping files in

the directory MSA$EXAMPLES. They are called:

```
MSAX$INSCRIPTIONAL_EXTENDED_KEYBOARD.DAT
MSAX$POSITIONAL_EXTENDED_KEYBOARD.DAT
MSAX$STANDARD_KEYBOARD.DAT
```

You will find the above mapping in these files also.

You run MSAX$MODMAP as a client by using this remote command in MacX:

```
MCR MSAX$MODMAP mapping-file-name
```

After that, your keypad keys should work correctly in Application Keypad mode.

For more information regarding MSAX$MODMAP, refer to the DECwindows documentation.

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