PowerBook: Keyboard and Keypad Sequences 7/92

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TOPIC ---

How do I send VT-100 keypad sequences to my mainframe application from the
Macintosh PowerBook keyboard?

DISCUSSION --

If you are using the VT-102 tool (part of the Communications Toolbox) and
MacTerminal 3.0, you can issue the keypad commands from the Keys menu. If you
are using a Communications Toolbox-compliant application, you should be able to
issue the commands from the menu the application provides for keypads.

If you are not using a Communications Toolbox-compliant application, you may
need an application revision that works with the PowerBook. That is, the
PowerBook keyboard has a new identifier* inside the Macintosh Operating System,
and some applications may not map the mainframe key sequences from the
keyboard.

You can use ResEdit to get the ASCII codes for the keypad, but more than likely,
you want the key sequences that the mainframe requires. You could then create
macros to issue them, or remap them to different keys if the application
supports that.

*In particular, the PowerBook keyboards return selector identification
 codes of:

    gestaltPwrBkADBKbd   = 12;   {PowerBook Keyboard}
    gestaltPwrBkISOKbd   = 13;   {PowerBook Keyboard (ISO)}

 for the Gestalt "kbd" selector. If your application uses Gestalt to
 determine the keyboard type, it may not check for this result (since it
 is new with the PowerBook) and may not do the correct mappings for the
 mainframe key sequences.

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