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MacTerminal 3.0: How To Send Break

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TOPIC -----

A customer wants multisession support from MacTerminal 3.0 running on a Macintosh connected to a DEC terminal server. He needs to be connected to the LocalTalk network to print during sessions.

His terminals let him use a "break" key to switch between different sessions that the terminal server is maintaining for the particular terminal.

He wants to be able to watch three sessions at the same time in different windows on a two-page display.

What is the ASCII code to put a DEC terminal server into a new session?

DISCUSSION -----

There is no ASCII code for the BREAK signal. The data line can be in two conditions:

- MARK (negative voltage, binary 1), or
- SPACE (positive voltage, binary 0).

The data line is normally in MARK condition; it is in the SPACE condition only while a frame is being transmitted. A longer-than-normal SPACE condition, around 100 to 600 milliseconds, is used as a special signal known as a BREAK.

The "Send Break" command in MacTerminal 3.0 sends a long break (3.5 seconds) across the open connection, which has the same effect as choosing the corresponding Break key from the keyboard. The "Send Break" command in MacTerminal 3.0 is under the Sessions menu; its keyboard equivalent is Command-Y.

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