VT — Virtual Terminal

Read and navigate a larger text document through a four-line display.

At a glance

VT shows a **24-row × 80-column** text document through a **4-row × 32-column** window. The selected row stays in view as you move. Viewing, scrolling, and switching display modes do **not** edit document text.

```
01 THE VIRTUAL DOCUMENT
02 FOUR LINES ARE VISIBLE
03 EACH SHOWS 32 COLUMNS
04 MOVE TO SEE THE REST
```

Illustrative four-line window; your document text will differ. Horizontal windows start at columns **1**, **31**, and **49**. The last one reaches column 80.

Movement keys

KEY / COMMAND	WHAT IT DOES
UP / DOWN	Move the selected row by one line; the window follows.
LEFT / RIGHT	Change horizontal window: starts at columns 1, 31 or 49.
u / **d**	Move the selected row up / down four lines (bounded 1–24).
t / **b**	Go to top / bottom; both reset the horizontal window to column 1.
s	Show visible row and column ranges.
Q	Leave VT from the document view.
MENU / BRK	Leave via menu or break route.

Top vs. bottom: t selects row 1; **b** selects row 24 and shows rows 21–24. Both return the horizontal window to column 1. These are movement keys, not colon commands.

Commands & useful details

Press **:** followed by a command letter. The temporary command prompt occupies the fourth display line. Command letters are case-insensitive.

KEY / COMMAND	WHAT IT DOES
:h	Three-screen Help. EXE advances. Q / another unrelated key closes Help; MENU / BRK exits VT.
:i	Toggle inverse / normal display. Does not change text or export data; resets on exit.
:l	Jump to line 1–24. A blinking underscore marks numeric input; EXE confirms.
:r	Redraw the current view; preserve selection and display mode.
:s	Show visible row and column ranges.
:t	Request transmission of all 24 × 80 text cells, if serial is available.
:q	Leave VT.
:c	Request a context-specific selection action, if provided.

Line jump: :l

Press **:l**. A **blinking underscore** marks the next numeric position. Enter one or two digits from **1** through **24**, then press **EXE**. Invalid values such as 00 or 25 are rejected. Press **:** during entry to restart the command prompt. The horizontal position is preserved.

A quick practice sequence

DOWN moves one row; **d** moves four. Press **RIGHT** to change the horizontal window, then **s** to see your position. Enter **:i** to invert the display, and **:i** again to restore it. Enter **:h**; **EXE** cycles Help screens and **Q** closes Help. Press **t** to go home or **:q** to leave VT.

Transmitting a document

If a serial service is available, **:t** requests **all 24 × 80 characters**, with **CR + LF** after each row: **24 × (80 + 2) = 1,968 bytes**. Transmission does not reflect inverse-video pixels or the currently visible 4 × 32 crop. When no service is available, the request may be declined.

Remember: plain **t** means **top**, but **:t** means **transmit**. From the document **Q** exits; inside Help, **Q** first returns to the document. **EXE** on a document selection may perform an optional action when one is available.

Praeteritum ad futurum servamus.