

**NAME**

page - page through a file

**SYNOPSIS**

page <filename>

**DESCRIPTION**

Page writes a file onto the standard output a screenful (approximately 20 lines) at a time based on input from the terminal. The command,

page <filename>

clears the screen, prints the present page number, the total number of pages and the first screenful of the file <filename>, and awaits input from the terminal. This input may be any one of the following forms:

<carriage return>

clears the screen and produces the next 20 lines of print. After the last page has been printed, another carriage return will terminate the program. A delete or `cntrl -d` will also terminate the program.

+num<carriage return>

where num is the number of pages to be skipped forward in the file.

+<carriage return>

performs the same function as +1<carriage return>.

-num<carriage return>

where num is the number of pages to be skipped backward in the file.

-<carriage return>

performs the same function as -1<carriage return>.

num<carriage return>

produces the page numbered num on the screen.

**DIAGNOSTICS**

Error messages will be printed if the index numbers for skipping pages are out of range, if the page numbers themselves are out of range, and if incorrect input is entered.

An error/usage message will be printed if the file to be paged does not exist.

In order for the page program to clear the screen on a CRT, the terminal type must be correctly set. If this has not been done (terminal type= "none") before page is called, page will prompt

the user for the correct terminal type before beginning to page through a file. If a question mark is typed after the user has been prompted for the terminal type, a listing of the available terminal types is given.

Escape sequences will be printed accurately, however, the length of the page may be sacrificed because the page program interprets the invisible escape sequences as if they were legitimate visible characters.

If the Tektronix 4014 (tex) graphics terminal is used, the user will be prompted as to whether he wants to see normal output of page (18 lines) or the extended output of page (58 lines) which the tex terminal can handle. Also, due to the operation of the tex terminal, page will sleep for two seconds after clearing the screen before the paged output appears.

If the user enters a question mark (?) when page prompts him for a terminal type, the currently available terminal types will be printed, along with a repeat type prompt.