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More

Test were run on *More* from util-linux 2.24-rc2. *More* is a simple text display utility from the util-linux package. It allows the user to scroll forwards through data or skip a user input number of lines. Reverse scrolling is not supported. *More* has options:

- num**: This option specifies an integer which is the screen size (in lines).
- d**: more will prompt the user with the message "[Press space to continue, 'q' to quit.]" and will display "[Press 'h' for instructions.]" instead of ringing the bell when an illegal key is pressed.
- l**: more usually treats ^L (form feed) as a special character, and will pause after any line that contains a form feed. The -l option will prevent this behavior.
- f**: Causes more to count logical, rather than screen lines (i.e., long lines are not folded).
- p**: Do not scroll. Instead, clear the whole screen and then display the text.
- c**: Do not scroll. Instead, paint each screen from the top, clearing the remainder of each line as it is displayed.
- s**: Squeeze multiple blank lines into one.
- u**: Backspaces and carriage returns to be treated as printable characters;
- +/: This option specifies a string that will be searched for before each file is displayed.
- +**num**: Start at line number num.

I tested -num, -d, -l, -f, -p, -c and +num. All seem to work as expected. When running under Valgrind, no problems were detected. *More* attempts to identify non-text files and display a message "***** text-utils/more-more.o: Not a text file *****", but on reading the code and experimenting with different file formats, it appears only able to detect if it is receiving an object file or an executable. All other files are interpreted as text, however strange to the human eye. The only faults I was able to prompt in *more* were by using the Murphy tool. When unable to open read libraries (using Murphy's readless:100 option), it refused to start and printed a warning message, which seems sensible. When unable to write (using Murphy's writezero:100 option), it scrolled through the entire file on the screen every time the space bar was pressed. Luckily it still recognized the quit command.

Overall, *more* appears to be stable and usable.