

FM Text Viewer — User Manual & Reference

Viewer Function: Interactive Replace Mode

Notice for Test Version Users

The FM Text Viewer features an integrated Replace Mode designed for short search and replacement strings up to 70 characters in length.

1. Quick Reference Cheatsheet (Keyboard Shortcuts)

Overview of viewer navigation, display options, and search controls:

Key	Function / Action	Description
F1	Toggle Legend / Filename Display	Switches bottom status bar between key assignments and filename.
F2	Toggle Line Numbers (ON / OFF)	Enables or disables line number display on left screen edge.
F3	Standard Search Input	Initiates standard search occurrence (case-insensitive).
Shift + F3	Find Next Match	Finds the next occurrence of the search pattern.
F4	RegEx Search Mode	Initiates line-based Regular Expression search (case-sensitive).
F5	Replacement String Input	Prompts for replacement string (max. 70 characters).
F9	Direct Line Jump / Navigation	Jumps directly to a specific line number or position.
F10	Set Bookmark	Saves current viewing position (exactly one bookmark allowed).
F11	Go to Bookmark	Jumps directly to the saved bookmark location.

2. Search Modes (Standard vs. RegEx)

- **Standard Find Mode (**F3**)**: Search terms are case-insensitive (upper/lowercase ignored).
- **RegEx Mode (**F4**)**: Alphanumeric expressions are case-sensitive and operate strictly within the current line.
- **Scope of Controls**: All interactive replacement keys apply identically to both modes (**F3** and **F4**).

RegEx Pattern Examples (F4)

Pattern	Matches
" [^"] * "	Text enclosed within double quotation marks
' .* \$	Comments starting with ' through to the end of the line
\d+	One or more consecutive numeric digits
\ ([^()]* \)	Expressions enclosed inside parentheses

3. Workflow & Replacement Operation

1. **Navigation**: The replacement scan always starts at the top line currently visible on screen. Navigation to the desired position is guided by screen prompts and function keys.
2. **Search Input**: Initiate search pattern input using **F3** (Standard string) or **F4** (RegEx).
3. **Replacement String Input**: Press **F5** to enter the replacement string (max. 70 characters).

Behavior of Empty Replacement Strings

Leaving the replacement string empty (**F5**) means matched text will be deleted (replaced with nothing).

Important: Deletion occurs only after an explicit confirmation key (**Y**, **L**, **P**, or **R**) is pressed for a match. Candidate text is never modified or deleted automatically without user action.

4. Interactive Controls & Visual Color Legend

Candidate matches offered for replacement are highlighted in **Active Candidate** style (Yellow text on Red background).

Key	Action	Next Step
Y / y	Perform replacement once	Move to next match
N / n	Reject replacement once	Move to next match
L / l	Perform replacement for remaining line	Move to next line with matches
X / x / Enter	Reject further replacements on current line	Move to next line with matches
P / p	Automatically replace all occurrences on current screen page	Move to next screen page
S / s	Reject replacement for remainder of screen page	Move to next screen page
R / r	Perform replacement for all remaining occurrences in file	Process remaining file
Q / q	Reject replacement for all remaining occurrences in file	Stop replacement scan
Esc	Discard all replacements (including previously confirmed ones)	Revert entire file
Backspace	Undo: Reverts the entire line to its original state	Valid as long as current page is not left

Visual Color Legend

Visual Style	Meaning & Description
Normal Text	Standard body text representation in viewer (White text on Black background)
Search Match	Found search term / potential candidate match (Black text on White background)
Active Candidate	Candidate match currently offered for interactive replacement (Yellow on Red)
Accepted Text	Text that has been confirmed and replaced (Rust-red text on Black background)

5. Buffer File, Safety & Line Length Limits

Safety Backup Recommendation

Before executing extensive search-and-replace operations, it is strongly advised to create a backup copy of your original source file.

- **Temporary Buffer File (temp.tmp):** All modifications are written safely to a temporary buffer file first. The user is prompted to overwrite the original source file only after reaching the end of the file or finishing via **R** / **Q**.
- **255-Character Line Limit:** If replacing short strings with longer text causes a line to exceed 255 characters, replacement is aborted starting from the specific match that would cause overflow. An error counter reports the total number of aborted replacements.