

FFF

Help

- V2.95d
- FFF is a fast and powerful file manager for Bash providing easy navigation between folders, finding and filtering files, performing common operations on them
- 7 Show fff help

Easy installation

- Written as a unique Bash script
- Can be installed with a terminal via Clipboard, no transfer of files is required
 - To install fff on target host you can use the `f` command or scp:
`cat fff | scp -oal c`
Then simply open editor on the target system and paste text or use "`cat > fff`" - paste and type Ctrl-D. When done, "`chmod 755 fff`" and move it to a dir in your path
- Hot key to copy script to clipboard
 - `! (capital i)` Copy fff to clipboard to install it on other systems (needs xclip installed)
- Required ENV Variables
 - Set these variables in your `.bashrc` file
 - `export PAGER=less`
 - `export VISUAL=vi`

fff and shell

- fff seamlessly integrates in your shell operations
- Multi instance
 - run it from any shell, navigation history is shared on the fly
- Shell mode
 - `!` Open shell in current dir
- Nested running
 - fff can be re-launched from within a spawned shell again and again
- Tmux integration
 - launch with `fff -t`
 - when integrated in tmux, the `!` (open shell command) spawn the shell in a new pane, keeping fff alive in the current pane. Key binding is on Ctrl-F. New terms spawned with Ctrl-F n create a new fff pane. fff can also be relaunched within an opened shell pane. pane titles are updated according to position/operation

Tabs

- or Tab
 - Tab Menu (switch to tab, close tab, create tab, save or load tabs)
- Tabs have names
- Save and reload tabs sets
 - Switch to a different tab sets to change project/activity
- Next/Prev tab
 - `>` Goto Next Tab or create new tab if at end of list
 - `<` Goto Previous Tab

History

- Save history of visited folders and allow to go back to a selected directory
 - `\` Goto History
- Live update between multiple instances
- Deletion of single items
 - `dD` Mark file/ALL for deletion (to trash)
- Cleanup of invalid entries
 - `R` Remove broken links in current directory
- Filter history as other file lists
 - `/` Use this to apply filter (see below)

Bookmarks

- Set of 10 bookmarks to switch quickly to most used directories
 - `1-9` Goto Bookmark
 - Subtopic 1
 - `a` Add/Set bookmark
- Save and load bookmarks sets
 - `0` Bookmark menu (show/goto/save & load bookmarks file)

File search and filtering

- Find files under current dir, the results are stored in scratchpad
 - `f` Find Files and save results in ScratchPad
- Scratchpad is the persistend store of find results
 - `P` Goto ScratchPad dir
 - Scratchpad uses one folder for each search
 - Results are stored as symlink to original file
 - view and open operations works as usual
 - copy/move/delete operates on link or on linked object
 - `x` Switch between copy link/file for linked files
 - Scratchpad findings can be edited adding or removing items, the list can then be used as persistend list to be used for operations (eg. backup of a set of files)
- Filter to show only matching names
 - `/` Search (filter) files in current dir
 - specify filter string, then type right cursor or ENTER to apply the filter
 - specify empty string to reset the filter
 - Applies also to history, trash and grouped views
 - Can be combined with Grouped view and Group Filter
 - example: specify a group filter (use "pipe") as .pdf, then set grouped view by day with Ogd, then use "/" and "string" to filter pdfs with "string" in name

Grouped view

- By date
- By size
- By week
- By month/year
- `| (pipe)` Set Group filter (then specify string to filter when showing in "Grouped by")

Sorted view

- `S` Set Sort order
- `O` Switch Sort order (select next sort criteria)
- By modify time
- By size
- By Name

Multi File Operations

- Applicable to a selection of one or more files
- Copy
 - `yY` Mark file/ALL for copy (yank)
 - `x` Switch between copy link/file for linked files
- Move
 - `mM` Mark file/ALL for move
- Delete
 - `dD` Mark file/ALL for deletion (to trash)
- Bulk rename
 - `bB` Mark file/ALL for bulk rename
- Symlink
 - `sS` Mark file/ALL for symlink
- Show info of current list (like ls)
 - `L` Show attributes, sizes and dates of current list
- Clear Selection
 - `c` Clear selection
- `P` Paste (executes copy/move/link/delete operation)
- How to perform an action:
 - Navigate and select items for copy/move/delete/symlink
 - Note: only one kind of operation per time is allowed
 - Navigate to target
 - not required for Delete
 - Paste the selection
 - `p` Paste (executes copy/move/link/delete operation)

Single file operations

- Create (dir or file)
 - `n` Make dir
 - `f` Create file
- Rename
 - `r` Rename File
- Show attributes
 - `x` or Space Show file attributes
- Make executable
 - `X` Mark file as executable
- Change to dir (cursor on a directory)
 - `|Enter|Right` Goto (open) child
 - `v` View dir size (if ncdu is available uses R)
- View/Edit file (cursor on a file)
 - `v` View file with PAGER (with 'less', type again v to edit file with program defined in VISUAL env variable)
- Launch file (cursor on a file)
 - `|Enter|Right` Goto (open) file with xdg-open
 - `x` Open target with shell (target is a shell script)
 - `i` Show image in the term (requires w3img and xdotool)

Trash folder

- `t` Goto Trash
- All deleted items are moved to Trash folder
- From trash you can copy or move items to another folder
 - `yY` Mark file/ALL for copy
 - `mM` Mark file/ALL for move
- To delete items definitly, delete them from trash folder
 - `dD` Mark file/ALL for deletion

Annotations

- Annotate file
 - `N` Open \$EDITOR to create notes for file or dir
 - erase all lines in note to remove it
 - use #tagname as tags in notes to search for them
- Search notes
 - `s` Search with grep annotated files matching notes and shows links to note file and to target
 - Use "" as search string to go to notes dir
- Adjust annotated notes pointers
 - `U` Search annotated notes pointing to invalid locations and helps to fix them
- Tags
 - use #tagname in your annoations to tag the files
 - use #tagname as tags in notes to search for them
 - `#` Update the tag directory
 - `T` Shows the tag directory
- Limitations
 - notes on objects with same name go in clash
 - You cannot annotate 2 different files or folders having the same name; to bypass this limitation rename one of the files or create a link to it if possible.
 - Another approach can be to create a subdirectory with meaningful name under one of the directories having the same name and annotate that directory, to be used as a placeholder to reach the same location of the wanted target
 - if the annotated file is moved the relevant target stored in note is not updated, but "U" can be used to fix it

Custom menus

- `=` Open custom commands menu
- Menus are shell scripts stored under \$HOME/.local/share/fff/menu
- the default menu is called "main", create it and chmod 755
- use the following to add a menu entry
 - add_menu "string to show for menu" "command"
 - command can be
 - a shell command with arguments
 - a set of shell commands separated by ";"
 - a shell function
 - an external command or script
- sub menus are supported with multiple levels
 - add_menu "string to show for submenu" "MENU name_of_script"
 - name_of_script is the name of a script in the fff menu directory, must be mode 755 and is defined as a generic menu
- Special fff vars can be used
 - use `add_menu "Show env" "env |less"` to show all variables
 - FFF_HOME the FFF home dir where all configuration files are stored
 - FFF_HIST_DIR the FFF history dir where links to visited folders are stored
 - FFF_CURRENT_ENTRY The file name currently under cursor
 - FFF_PWD the current working directory of fff
 - FFF_MARKED_FILES a file with the list of FFF Marked files
 - FFF_TABS the list of FFF tabs
 - FFF_MENUTITLE the title of current menu
 - FFF_tab1 location of first tab
 - FFF_tab2 location of second tab
 - FFF_FAV1 ... FFF_FAV9 location of FFF bookmarks
- Future: include Sftp e sshfs mounter via menu opts

Other Miscellaneous

- `:` Goto Dir
- `- or Left` Goto Previous dir
- `- or H` Goto Home dir
- `e` Refresh list and Redraw screen
- `q or Ctrl-d` Quit
- `h|e|f|B|k|Space` Goto Parent
- `j|Down` Scroll down
- `J` Page Scroll down
- `k|Up` Scroll up
- `K` Page Scroll up
- `g|Home` Go Top
- `G|End` Go Bottom
- Show/Hide hidden files