

FFF

Help

- V2.96d
- FFF is a fast and powerful file manager for Bash providing easy navigation between folders, finding and filtering files, performing common operations on them
- ? 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 `! !` command or `xclip`
call FFF `! xclip -sel 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`
- Download from internet
 - Main Site: <https://github.com/ibox0/fff>
 - Command to download
 - `wget https://raw.githubusercontent.com/ibox0/fff/main/fff`

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

- Tab menu
 - `o` or `Tab` Tab Menu (switch to tab, close tab, create tab, save or load tabs)
- 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
 - `0` Add/Set bookmark
 - Bookmark menu (show/goto/save & load bookmarks file)
- Save and load bookmarks sets

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
 - `*` 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
- `I` (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)
 - `*` 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
 - 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)
 - `l`Enter(Right) Goto (open) child
 - `v` View dir size (if `ncdu` is available uses it)
- 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)
 - `l`Enter(Right) Goto (open) file with `xdg-open`
 - `*` 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 definitelly, 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
 - 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 annotations 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

- `e` 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 f 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`LeftBKSpace 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