feh Fast image viewer

START HERE

`feh <dir>`
Open images in a folder

`feh -t <dir>`
Clickable thumbnails

Space / Backspace
Next / previous image

`feh --bg-fill <img>`
Set wallpaper

f
Toggle fullscreen

Delete
Drop from list, keep file

`feh -rz <dir>`
Recursive, shuffled

q
Quit

Files args, dirs, -f list | **Filter + sort** -r, -S, -z | **Mode** slideshow, -w, -m, -t | **Actions** keys, -A, --info

CONCEPTS

feh is an X11 viewer: it needs a running X server (Xwayland works) and is driven from the keyboard and mouse.

Keys and buttons are actions: rebind them in ~/.config/feh/keys and ~/.config/feh/buttons.

Without options feh is a slideshow: one window, one image, you step through the list.

NAVIGATE

Space / n / Right
Next image

Backspace / p / Left
Previous image

Home / End
First / last image

PgUp / PgDn
Jump about 5% forward / back

z Jump to a random image

] / [
Next / previous directory

h
Pause or resume the slideshow

Delete
Remove from list, file stays

Ctrl + Delete
Delete the file from disk
Permanent, there is no confirmation.

q / Escape Quit

x Close the current window

L
Save the current list to a file

r Reload the current image

VIEW AND ZOOM

f Toggle fullscreen

KP_Add / KP_Subtract
Zoom in / out

* Zoom to 100%

/ Zoom to fit the window

! Zoom to fill the window

Z Toggle auto-zoom

w
Resize window to the image

g Toggle fixed geometry

k
Keep zoom and viewport between images

VIEW AND ZOOM (cont.)

Ctrl + Arrows
Scroll the image

Alt + Arrows
Scroll by a page

< / > Rotate left / right

_ / | Flip vertically / mirror

d Show file name

i Toggle the --info line

e Show EXIF data

o Hide or show the pointer

MOUSE

Left › drag
Pan; a click steps ahead

Middle › drag
Zoom, click resets to 100%

Right › click Open the menu

Wheel Next / previous image

Ctrl + Middle › drag
Rotate around the center

s Save the image (see -j)

OPENING FILES

`feh <file...>`
View files or a whole directory

`feh -r <dir>`
Recurse into subfolders

`feh -F <dir>`
Start fullscreen

`feh -z <dir>`
Shuffle the order

`feh -S <sort> <dir>`
Sort by name, mtime, size, width

`feh -n`
Reverse sort order

`feh --version-sort`
Natural order, so img2 precedes img10

`feh -Z`
Auto-zoom to screen or window

`feh -g <W>x<H>`
Fixed window size

`feh -x`
Borderless window

`feh -w <files>`
One window per file

`feh -. <files>`
Scale down to fit only

`feh -f <list>`
Read file names from a list (- is stdin)

OPENING FILES (cont.)

`feh --min-dimension <W>x<H>`
Skip smaller images

`feh --class <name>`
Window class for WM rules

SLIDESHOW

`feh -D <sec>`
Auto-advance every n seconds
A negative value starts paused.

`feh --on-last-slide <hold|quit|resume>`
What happens after the last slide

`feh -R <sec>`
Reload the image every n seconds

`feh --start-at <file>`
Begin at a given file

`feh -d`
Draw the file name on the image

`feh --info '<cmd>'`
Show a command's output on the image

MONTAGE AND INDEX

`feh -t <dir>`
Clickable thumbnails

`feh -m <dir>`
Montage of thumbnails

`feh -i <dir>`
Index with file names

`feh -O <out.png> -m <dir>`
Save a montage, no window

`feh -W <px>`
Limit montage width, default 800

`feh -y <px> -E <px>`
Thumbnail width / height

WALLPAPER

`feh --bg-fill <img>`
Cover the screen, crop the excess

`feh --bg-scale <img>`
Stretch to the screen, distorts

`feh --bg-max <img>`
Fit inside, borders on one side

`feh --bg-center <img>`
Center at original size

`feh --bg-tile <img>`
Tile a small image

`feh --bg-fill <img1> <img2>`
One image per monitor, in order

~/.fehbg
Script that restores the last wallpaper

WALLPAPER (cont.)

Run ~/.fehbg from your X start-up (xinitrc, i3 exec) to keep the wallpaper after login.

ACTIONS AND FORMAT

`feh -A '<cmd> %F'`
Run a shell command on Return or 0
%F is the shell-escaped path; use it, not %f.

`feh --action1 '<cmd> %F'`
Bind a command to key 1 (up to 9)

`feh -A ';<cmd> %F'`
A leading ; reloads instead of advancing

0-9 Run action 0 to 9

`feh -L '<fmt>' <dir>`
List files in your own format

`feh -l <dir>`
ls-style list with sizes and dimensions

Format codes

Code	Means
%F	escaped path (actions)
%N	escaped name (actions)
%f / %n	path / name (not in actions)
%w x %h	width / height
%S	human file size
%u / %l	number / total files
%t	image format
%z	zoom

CONFIG

~/.config/feh/themes
One line per theme: name plus options

~/.config/feh/keys
action key1 key2 (modifiers C, S, 1, 4)

RECIPES

Photo review with a keep action

```
feh -rzFd --action1 'mv %F ~/
keep/' --action2 'rm %F' ~/
Pictures
# 1 moves, 2 deletes the file
on screen
```

Contact sheet to share

```
feh -O sheet.png -m -W 1600 -y
200 -E 200 ~/Pictures/trip
# no window, writes sheet.png
```

Random wallpaper at login

```
feh --no-fehbg --bg-fill --
randomize ~/Pictures/walls/*
# add to xinitrc or your WM
autostart
```

Browse only big, newest first

```
feh -r --min-dimension
1920x1080 -S mtime -n ~/
Pictures
# newest files come first
```