

NAME

dw**l** — dwm for Wayland

SYNOPSIS

dw**l** [-v] [-d] [-s *startup command*]

DESCRIPTION

dw**l** is a Wayland compositor based on wlroots. It is intended to fill the same space in the Wayland world that **dwm** does for X11.

When given the **-v** option, **dw****l** writes its name and version to standard error and exits unsuccessfully.

When given the **-d** option, **dw****l** enables full wlroots logging, including debug information.

When given the **-s** option, **dw****l** starts a shell process running *command* when starting. When stopping, it sends SIGTERM to the child process and waits for it to exit.

Users are encouraged to customize **dw****l** by editing the sources, in particular *config.h*. The default key bindings are as follows:

Mod-[1-9]	Show only all windows with a tag.
Mod-Ctrl-[1-9]	Show all windows with a tag.
Mod-Shift-[1-9]	Move window to a single tag.
Mod-Ctrl-Shift-[1-9]	Toggle tag for window.
Mod-p	Spawn wmenu-run .
Mod-Shift-Return	Spawn foot .
Mod-[jk]	Move focus down/up the stack.
Mod-[id]	Increase/decrease number of windows in master area.
Mod-[hl]	Decrease/increase master area.
Mod-Return	Move window on top of stack or switch top of stack with second window.
Mod-Tab	Show only all windows with previous tag.
Mod-Shift-c	Close window.
Mod-t	Switch to tabbed layout.
Mod-f	Switch to floating layout.
Mod-m	Switch to monocle layout.
Mod-Space	Switch to previous layout.
Mod-Shift-Space	Toggle floating state of window.
Mod-e	Toggle fullscreen state of window.
Mod-0	Show all windows.
Mod-Shift-0	Set all tags for window.
Mod-,	Move focus to previous monitor.
Mod-.	Move focus to next monitor.
Mod-Shift-,	Move window to previous monitor.
Mod-Shift-.	Move window to next monitor.
Mod-Shift-q	Quit dw l .

These might differ depending on your keyboard layout.

ENVIRONMENT

These environment variables are used by **dw****l**:

XDGRUNTIME_DIR A directory where temporary user files, such as the Wayland socket, are stored.

XDG_CONFIG_DIR A directory containing configuration of various programs and libraries, including libxkbcommon.

DISPLAY, **WAYLAND_DISPLAY**, **WAYLAND_SOCKET**
Tell how to connect to an underlying X11 or Wayland server.

WLR_* Various variables specific to wlroots.

XKB_*, XLOCALEDIR, XCOMPOSEFILE

Various variables specific to libxkbcommon.

XCURSOR_PATH List of directories to search for XCursor themes in.

HOME A directory where there are always dear files there for you. Waiting for you to clean them up.

These are set by **dwl**:

WAYLAND_DISPLAY Tell how to connect to **dwl**.

DISPLAY If using **Xwayland**, tell how to connect to the **Xwayland** server.

EXAMPLES

Start **dwl** with s6 in the background:

```
dwl -s 's6-svscan <&-'
```

SEE ALSO

foot(1), *wmenu*(1), *dwm*(1), *xkeyboard-config*(7)

CAVEATS

The child process's standard input is connected with a pipe to **dwl**. If the child process neither reads from the pipe nor closes its standard input, **dwl** will freeze after a while due to it blocking when writing to the full pipe buffer.

BUGS

All of them.