



Rocky Enterprise Linux 9.2 Manual Pages on command 'Xwayland.1'

\$ man Xwayland.1

XWAYLAND(1) General Commands Manual XWAYLAND(1)

NAME

Xwayland - an X server for running X clients under Wayland.

SYNOPSIS

Xwayland [option ...]

DESCRIPTION

Xwayland is an X server and a Wayland client. It plays the role of a proxy between legacy X clients which do not support the Wayland protocol and the Wayland server.

Usually, Xwayland is spawned automatically by the Wayland server and runs rootless so that X clients integrate seamlessly with the rest of the Wayland desktop. It is however possible for a user to launch Xwayland non-rootless, mainly for testing purposes.

Like all of the X servers, Xwayland accepts the command line options described in the Xserver(7) manual page. The following additional arguments are supported as well.

-eglstream

Use EGLStream backend for NVidia GPUs. If Xwayland was compiled

with `EGLStream` support, this option will instruct Xwayland to try that backend first, then fallback to the `GBM` backend if `EGLStream` is not supported by the Wayland server. Without this option, Xwayland tries the `GBM` backend first, and fallback to `EGLStream` if `GBM` is not usable.

`-initfd fd`

Add the given `fd` as a listen socket for initialization of X clients. This options is aimed at Wayland servers which run Xwayland on-demand, to be able to spawn specific X clients which need to complete before other regular X clients can connect to Xwayland, like `xrdb`.

`-listen fd`

deprecated, use `-listenfd` instead.

`-listenfd fd`

Add given `fd` as a listen socket. This option is used by the Wayland server to pass Xwayland the socket where X clients connect.

`-rootless`

Run Xwayland rootless, so that X clients integrate seamlessly with Wayland clients in a Wayland desktop. That requires the Wayland server to be an X window manager as well.

`-shm` Force the shared memory backend instead of glamor (if available) for passing buffers to the Wayland server.

`-verbose [n]`

Sets the verbosity level for information printed on `stderr`. If the `n` value isn't supplied, each occurrence of this option increments the verbosity level. When the `n` value is supplied, the verbosity level is set to that value. The default verbosity level is 0.

`-version`

Show the server version and exit.

`-wm fd` This option is used by the Wayland server to pass Xwayland the socket where the X window manager client connects, when Xway?

land is running with -rootless.

ENVIRONMENT

WAYLAND_DISPLAY

the name of the display of the Wayland server.

XWAYLAND_NO_GLAMOR

disable glamor and DRI3 support in Xwayland, for testing purposes.

SEE ALSO

General information: X(7)

X Version 11 xorg-server 21.1.3 XWAYLAND(1)