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 protocols 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 possi?

   ble 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 fall?

      back to the GBM backend if EGLStream is not supported by the Wayland server. With?

      out 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 spe?

      cific 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.

-noTouchPointerEmulation

> Disable touch pointer emulation. This allows the Wayland compositor to implement
>
> its own pointer emulation mechanism for X11 clients that don't support touch in?
>
> put.

-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 buf?

> fers 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 ver?
>
> bosity 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 Xwayland 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)