



Wayland

Wayland is intended as a simpler replacement for X, easier to develop and maintain. GNOME and KDE are expected to be ported to it.

Wayland is a protocol for a compositor to talk to its clients as well as a C library implementation of that protocol. The compositor can be a standalone display server running on Linux kernel modesetting and evdev input devices, an X application, or a wayland client itself. The clients can be traditional applications, X servers (rootless or fullscreen) or other display servers.

Part of the Wayland project is also the Weston reference implementation of a Wayland compositor. Weston can run as an X client or under Linux KMS and ships with a few demo clients. The Weston compositor is a minimal and fast compositor and is suitable for many embedded and mobile use cases.

Information:

- [Wayland architecture](#)
- [Wayland FAQ](#)
- [Documentation](#)
- [Toolkits with Wayland support](#)
- [Screenshots](#)

Software:

- [Releases](#)
- [Wayland repositories](#) (gitlab.freedesktop.org is the upstream)
- [Old Wayland git repositories](#) (mirrors and those that are not in Gitlab)
- [Building Weston](#)
- [X clients on Wayland](#)
- [Extras](#): some apps and debugging tools

Development:

- [Mailing list](#)
- IRC: #wayland on freenode
- [Patchwork](#): pending Wayland and Weston patches
- [Reviewing Patches](#) (please help)
- [Testing Wayland](#)
- [Contribution instructions](#) for Wayland
- [Contribution instructions](#) for Weston
- [Wayland bugs](#)
- [Weston bugs](#)