



State of Wayland

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Wayland Development Status



- ▶ Wayland status
- ▶ Weston status
- ▶ Release 1.9 plans
- ▶ Future needs

Wayland 1.5

- ▶ Use an internal event queue for wl_display events

Wayland 1.6

- ▶ Add error enums to wl_surface
- ▶ Add keyboard repeat information to wl_keyboard protocol
- ▶ wl_display_add_socket_auto()
- ▶ wl_display_roundtrip_queue()
- ▶ Error handling additions

Wayland 1.7

- ▶ wl_surface role (mainly documentation clarification)

Wayland 1.8

- ▶ Headers split into core and generated protocol (for language bindings)

Wayland 1.9 (Coming Soon!)

- ▶ License update from MIT “X11” to MIT “Expat” style
- ▶ wayland-scanner: libwayland-util / libwayland-private split, etc.

- ▶ XDG Shell protocol
- ▶ Race condition with `wl_buffer.release` (#75303)
- ▶ Reporting damage in surface coordinates doesn't work with EGL (#78190)
- ▶ Race condition using `wl_display` objects with non-default proxy queues (#91273)
- ▶ `wl_scaler` protocol (#83918)
- ▶ Presentation:
 - ▶ Presentation Feedback - ready to go?
 - ▶ Presentation Queuing - needs a redesign
- ▶ *Pointer lock feature set*. Under review. (#84014)

- ▶ Atomic modesetting support (#83888)
 - ▶ kernel work is still on-going and very active
 - ▶ Compositor renders to separate buffers for each monitor
 - ▶ <http://blog.ffwll.ch/2015/01/update-for-atomic-display-updates.html>
 - ▶ <http://lists.freedesktop.org/archives/dri-devel/2015-March/079539.html>
- ▶ More dmabuf experiments (#83881)
- ▶ libweston

Release 1.9



- ▶ 8/14 - 1.9-alpha
- ▶ 9/01 - 1.9-beta
 - ▶ Feature freeze
- ▶ 9/15 - 1.9-rc1
 - ▶ Final freeze
- ▶ rc2 only if necessary
- ▶ 9/22 - 1.9.0
 - ▶ Re-open trunk for development

- ▶ XDG Shell - Desktop Environment feedback needed on API proposals
- ▶ Wayland client apps needed!
- ▶ xwayland - maintainership needed

- ▶ Screensaver inhibitor protocol (#89440)
- ▶ Presentation extension (#83092)
- ▶ Touch support (#77769)
- ▶ Menu alignment / probing (#75382)
- ▶ Scrolling while DND (#63874)
- ▶ Cross-toolkit theme/font/etc. settings (#49021)
- ▶ More keybindings in weston.ini (#85474)
- ▶ Testing: (#83980)
 - ▶ Backwards compatibility testing (#86110)
 - ▶ Headless/screenshot-based testing (#83981, #83984, #83985, #83987)
 - ▶ Output transformation testing (#83989)
 - ▶ Fake keyboard events (#81071)

