Quote:- why is it "via xwayland" when we are using gtk/gdk as backend? Somehow I have hoped the using gtk as backend will solve most of problems for us.

- what are the practical implication? How is it with other software? Is running "via xwayland" standard?

It solves windowing problems but IIRC it did not solve input problems. See the workaround I sent some time ago CtrlCore/GtkApp.cpp:57

```
#if GTK_CHECK_VERSION(3, 10, 0)
 gdk_set_allowed_backends("x11"); // this fixes wayland issues
#endif
```

If you remove this, we don't get input, IIRC.

Most of the existing software -sans official and new GNOME/KDE apps- are running over xwayland if wayland is enabled. And xwayland is installed on virtually all GNOME/KDE distros, because without it you can't run most of the production software that uses X. Hence no backward compatibility. At All. Xwayland will be with us for a long time Still, it would be better if we solve the input problem and move to full wayland.

Link to official gnome page for xwayland: https://wiki.gnome.org/Initiatives/Wayland/XWayland

It is an official middleware to make the transition smooth (in long term). It does not have a real deal-breaker downside, IMO.

Best regards,
Oblivion