

# The GNOME™ Conference GUADEC

GLib/GTK Birds of a Feather Session

Agenda



# GTK

- 👣 GTK4 readiness
- 👣 3.99
- 👣 Post-4.0

## GTK4 readiness

### 🦉 Unfinished tasks

- 🦉 a11y api
- 🦉 device cleanup
- 🦉 OS X backend
- 🦉 File chooser port ?

### 🦉 Pushed off

- 🦉 Animation api

### 🦉 Dependencies

- 🦉 Need a cairo release for subpixel positioning
- 🦉 Some unmerged GLib changes would be nice (interface binding, standard::file)

### 🦉 Reverse dependencies

- 🦉 gtkwebkit
- 🦉 gtksourceview
- 🦉 vte
- 🦉 libhandy
- 🦉 libgweather

## 3.99

- 👉 to be done as soon as a11y lands
- 👉 will have a “port and try now!” post
- 👉 plan to do at least 1 or 2 snapshots between 3.99 and 4.0

## Post 4.0 plans

- 👉 Animation api ?
- 👉 Killing cell renderers ?
- 👉 Killing style contexts ?
- 👉 css optimizations (unboxing, etc...)
- 👉 Do some of our list models belong into glib ? (The answer seems no)
- 👉 Thread all the things, immutable data structures
- 👉 Bring in libhandy things



# Glib

- 👉 do we want to do `gint` -> `int` style cleanups?
  - 👉 can't fix `gboolean`, although `gboolean` -> `int` would be possible, and we can have a `g_param_spec_bool`
- 👉 `GUri`
  - 👉 regressions, scope, API and go/no-go before API freeze
  - 👉 Vs <https://github.com/WebKit/webkit/blob/master/Source/WTF/wtf/URLParser.h> and <https://github.com/WebKit/webkit/blob/master/Source/WTF/wtf/URL.h#L225>
- 👉 Features needed for GTK 4
- 👉 `g_file_set_contents()` atomicity issue
- 👉 Project governance/maintenance/new contributors discussion