waysome - windowmanager via wayland



Furtwangen University Semesterproject

18. Dezember 2014



- ▶ i3 \rightarrow awesome!
- ▶ awesome → awesome!
- ▶ hlwm \rightarrow awesome!
- ightharpoonup dwm ightharpoonup awesome!
- $\blacktriangleright \ X \to \dots$



- ▶ i3 \rightarrow awesome!
- ▶ awesome → awesome!
- ▶ hlwm \rightarrow awesome!
- ightharpoonup dwm \rightarrow awesome!
- $ightharpoonup X
 ightarrow \dots$

- ightharpoonup wayland ightarrow awesome!
- ▶ Qt → yes, but...
- GTK+ → yes, but...
- ► Clutter → yes, but...



► Tiling!



- ► Tiling!
- User defined tiling!



- ► Tiling!
- User defined tiling!
- Script your WM compositor!



- ► Tiling!
- User defined tiling!
- Script your WM compositor!
- ▶ Do what you want, it's your computer/workflow/...



► Semesterproject, Open Source (LGPLv2.1)



- ► Semesterproject, Open Source (LGPLv2.1)
 - ▶ 5 Students



- ► Semesterproject, Open Source (LGPLv2.1)
 - ▶ 5 Students
 - ▶ 4 Months (Oct 2014 Jan 2015)



- ► Semesterproject, Open Source (LGPLv2.1)
 - ▶ 5 Students
 - ▶ 4 Months (Oct 2014 Jan 2015)
- ****



- ► Semesterproject, Open Source (LGPLv2.1)
 - ▶ 5 Students
 - ▶ 4 Months (Oct 2014 Jan 2015)
- C
- github



"Sets" of windows, containers



- "Sets" of windows, containers
- ► API for controlling everything (JSON, others possible)



- "Sets" of windows, containers
- ▶ API for controlling everything (JSON, others possible)
- Customizeable shortcuts



- "Sets" of windows, containers
- API for controlling everything (JSON, others possible)
- Customizeable shortcuts
- ightharpoonup ightharpoonup scriptable

Status



- API
 - Customized Key-Combos
 - Config parsing

Status



- API
 - Customized Key-Combos
 - Config parsing
- ► Basic wayland interface support
 - weston-terminal
 - weston-flowers
 - **.**...

Problems



- ightharpoonup Wayland uses epoll ightarrow non-Linux . . .
- Wayland documentation . . .
- OpenGL documentation . . .

Meet us, talk to us, ask questions!



- ► FuWaR Assembly
- ▶ github.com/waysome/waysome
- ▶ reddit.com/r/waysome