

GUI vs TUI

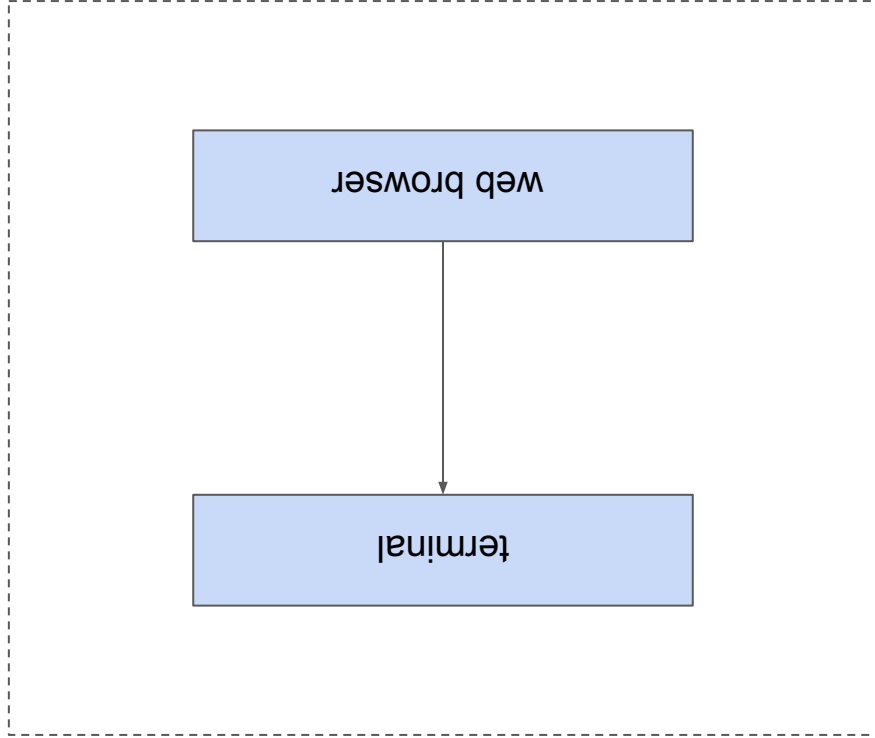
Why not both?

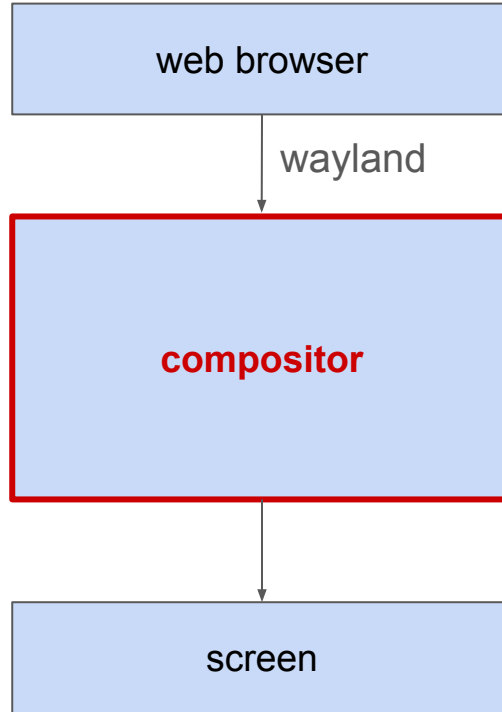
webatui

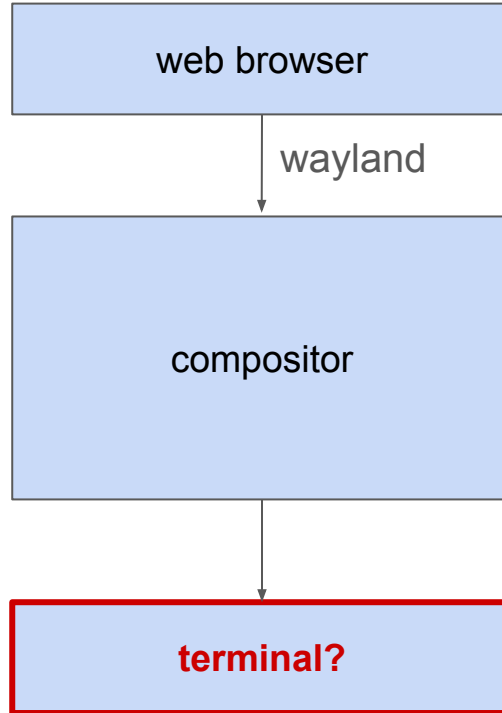
terminal

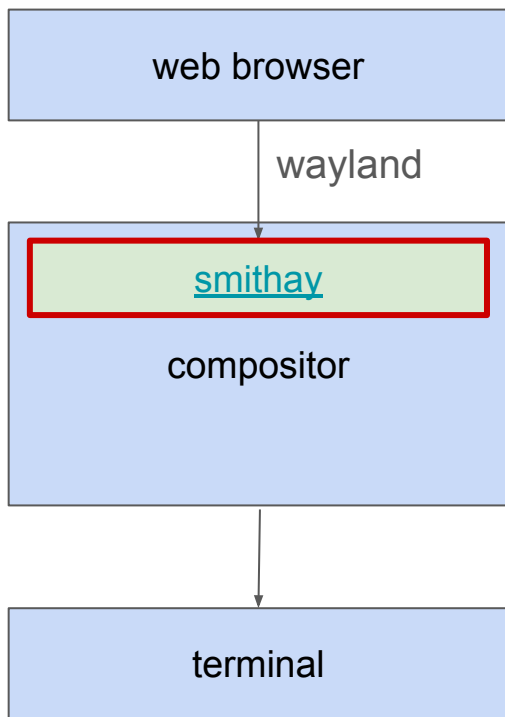


web browser





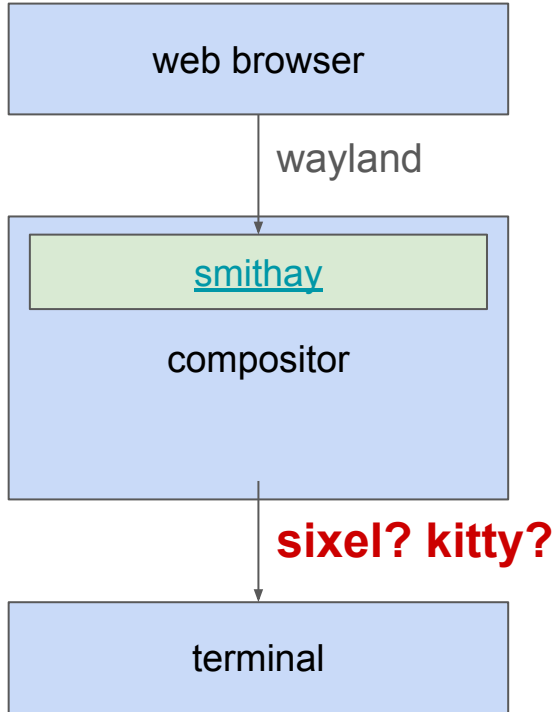




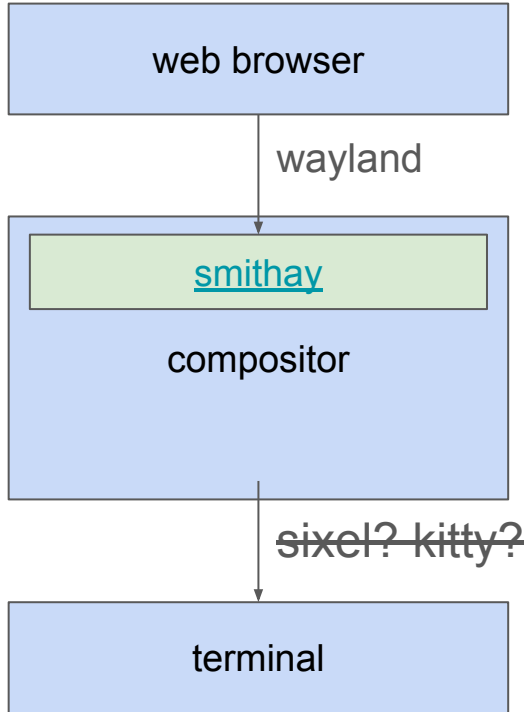
✓ **Smithay: the Wayland compositor smithy**

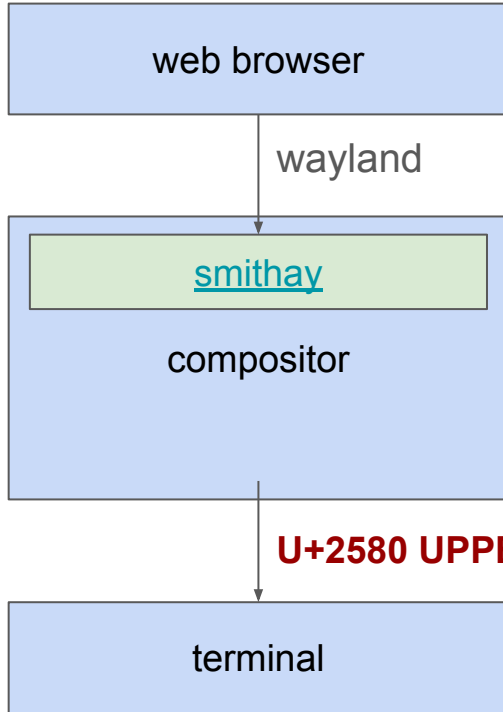
This crate is a general framework for building wayland compositors. I

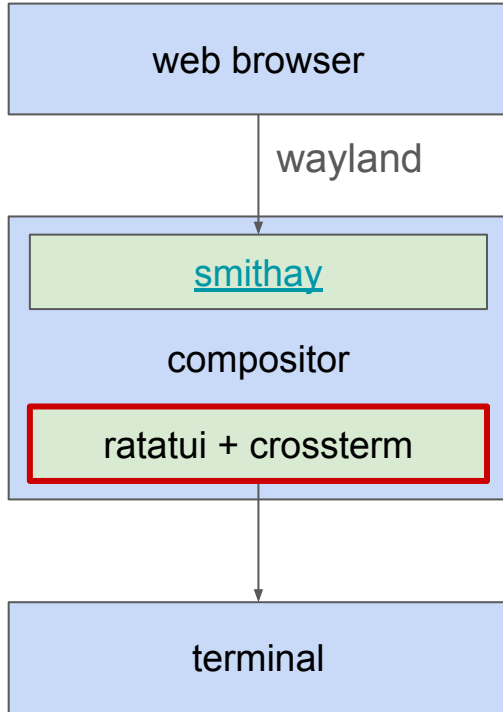




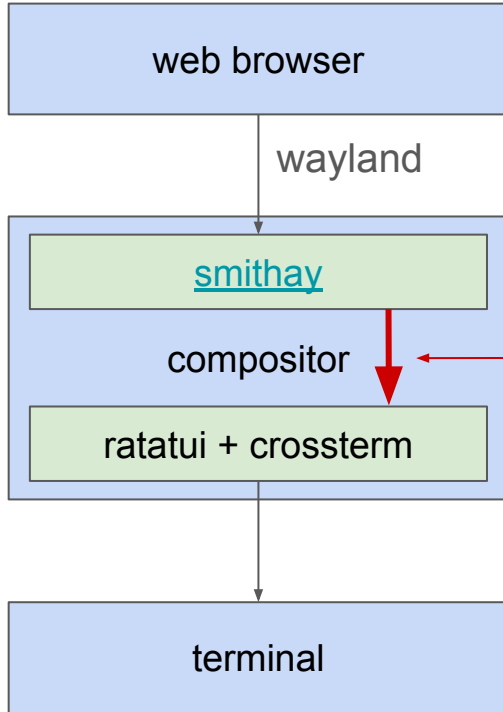
<https://github.com/saitoha/xserver-SIXEL>





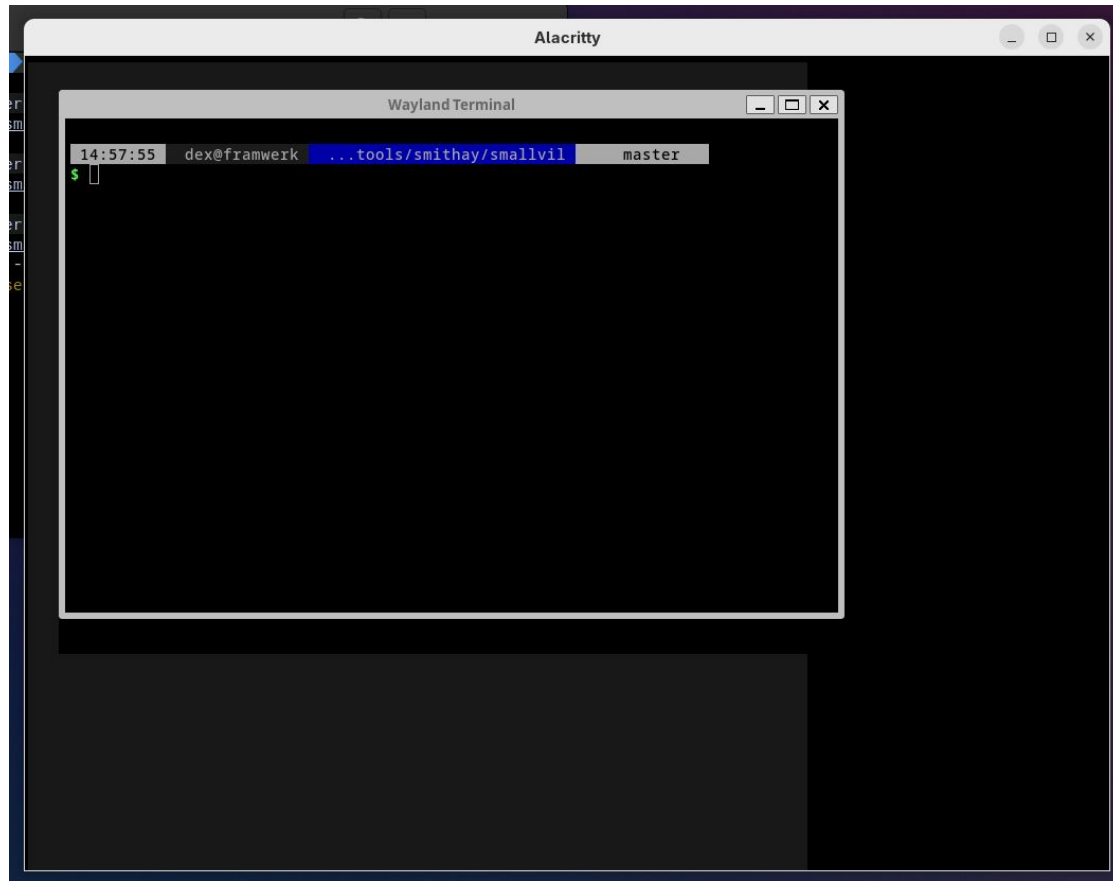


RATATUI



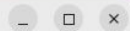
<https://github.com/dextero/smithay>

Result?



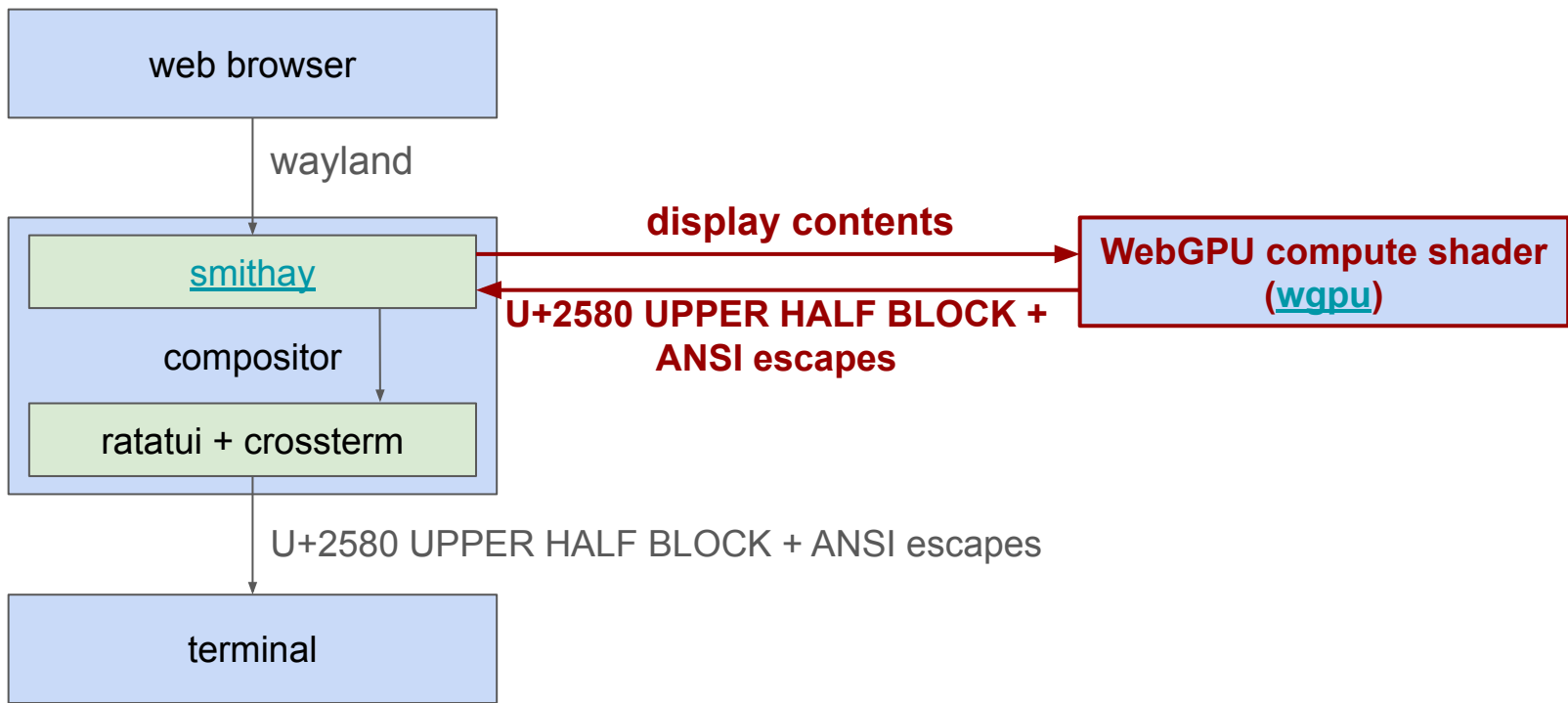
It could be faster though

Alacritty



PROVIDED BY  FREE OF CHARGE • SUGGESTED RETAIL PRICE \$9.00 •  SOFTWARE, ©1993

Chocolate Doom: ~14 FPS @ 1024x768



Chocolate Doom: ~40-60 FPS @ 1024x768

Wayland Terminal

```
1m 34m ago alacritty --config-file ~/.config/alacritty/tiny-font-full-
29ms 39m ago rg 'redraw, '
16ms 39m ago git commit -am "Don't spam logs with redraw info"
31ms 38m ago history | grep alacritty
9 0s 33m ago vim ansivil/src
8 8s 33m ago cd ~/projects/s
7 37s 22m ago cd ~/projects/s
6 12s 3m ago cd ~/projects/s
5 0s 2m ago tail -f /tmp/lo
4 18s 2m ago cd ~/projects/s
3 181ms 1m ago cd ~/projects/s
2 7ms 1m ago touch /tmp/log2
1 0s 1m ago tail -f /tmp/lo

~/pr/smithay/ansivil
cd ~/projects/smithay/ansivil &
/tiny-font-windowed.toml --command
p/log"
cdlibEGL warning: failed to get dr
libEGL warning: MESA-LOADER: failed
libEGL warning: failed to get driv

```

Alacritty

Wayland Terminal

```
0s 34m ago vim ansivil/src/ansi.rs
9 8s 34m ago cd ~/projects/smithay/ansivil && alacritty --config-file ~/
8 37s 22m ago cd ~/projects/smithay/ansivil && alacritty --config-file ~/
7 12s 4m ago
6 0s 3m ago
5 18s 2m ago
4 181ms 1m ago
3 7ms 1m ago
2 0s 1m ago
1 0s 3m ago

~/pr/smithay/ansivil
cd ~/projects/sm
/tiny-font-windowed
p/log"
cdlibEGL warning: f
libEGL warning: MES
libEGL warning: fai

```

Alacritty

Wayland Terminal

```
~/pr/smithay/ansivil
p/log"

```



Rick Astley - Never Gonna Give You Up (Official Video) (4K Remaster)

Rick Astley
4.45M subscribers

Subscribe

18M



Share

Save

Mix - Rick Astley - Never Gonna Give You Up (Official Video) (4...
Cyndi Lauper, Tears for Fears, Rick Astley...1.7B views 16 years ago #RickAstleyNever #RickAstley #NeverGonnaGiveYouUp
The official video for "Never Gonna Give You Up" by Rick Astley.

Never: The Autobiography OUT NOW! ...more

Rick Astley - Never Gonna Give You Up (Glastonbury 2023)
BBC Music

Thank you!

@dextero_:matrix.org



Project link: <https://github.com/dextero/smithay>