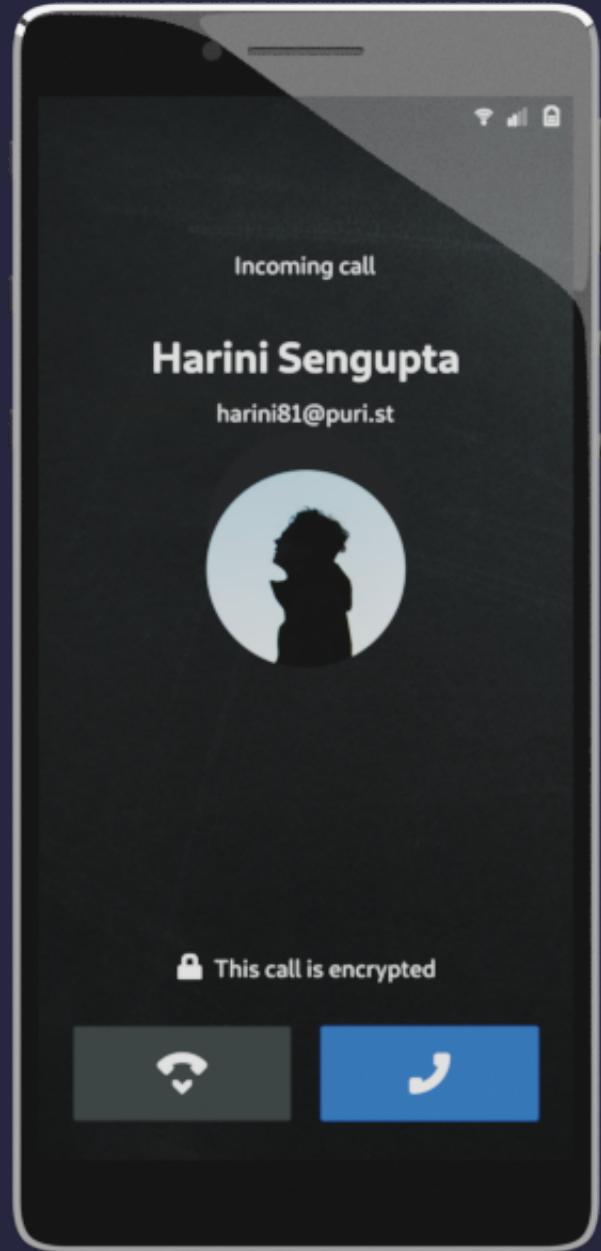


Tobias Bernard

Designing GNOME Mobile



Librem 5

iMX8 ARM processor
5.5" display
720 x 1440 px
runs GNOME*

* by default

it runs
GNOME!?

PureOS desktop

apps

GNOME apps

shell

GNOME Shell

platform

GLib, GTK etc.

base OS

Debian/PureOS

PureOS mobile

apps

GNOME apps

→ adaptive

shell

New mobile shell

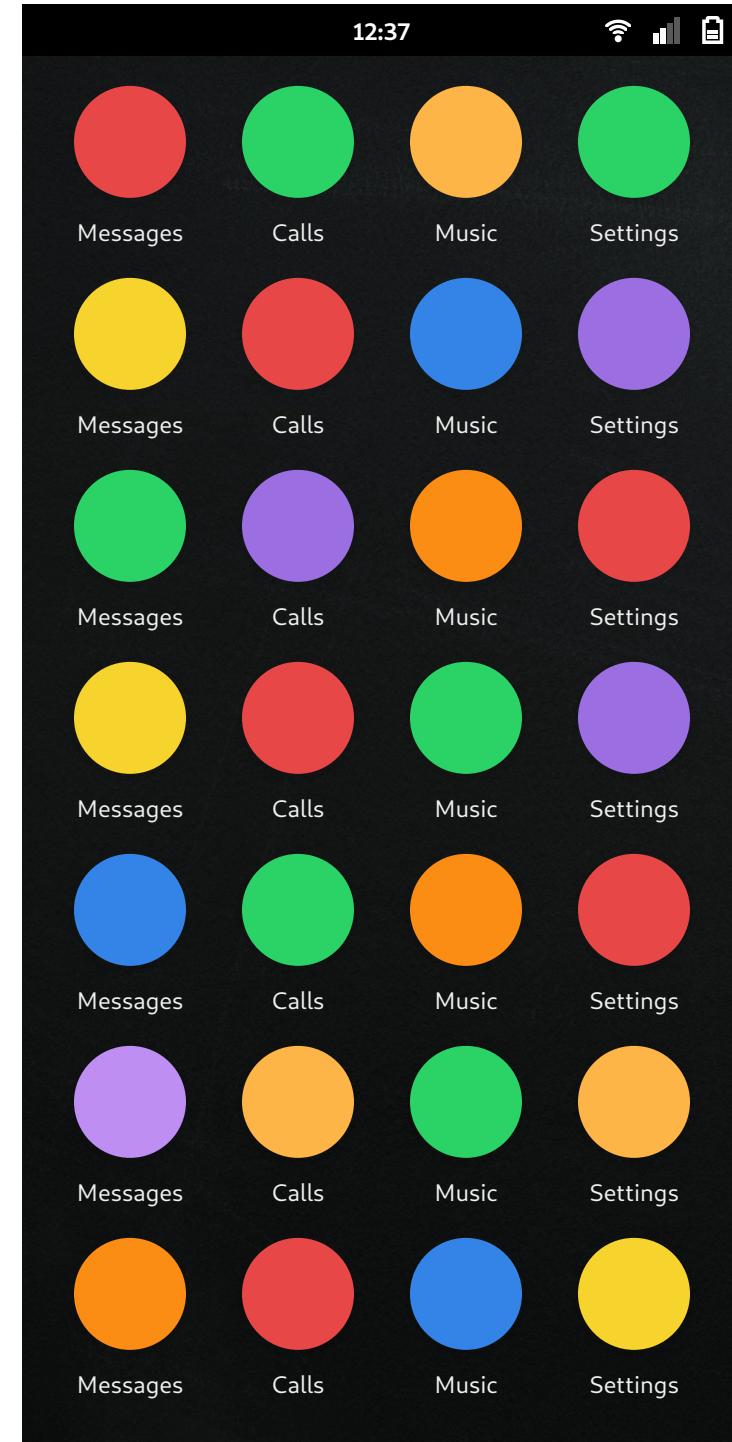
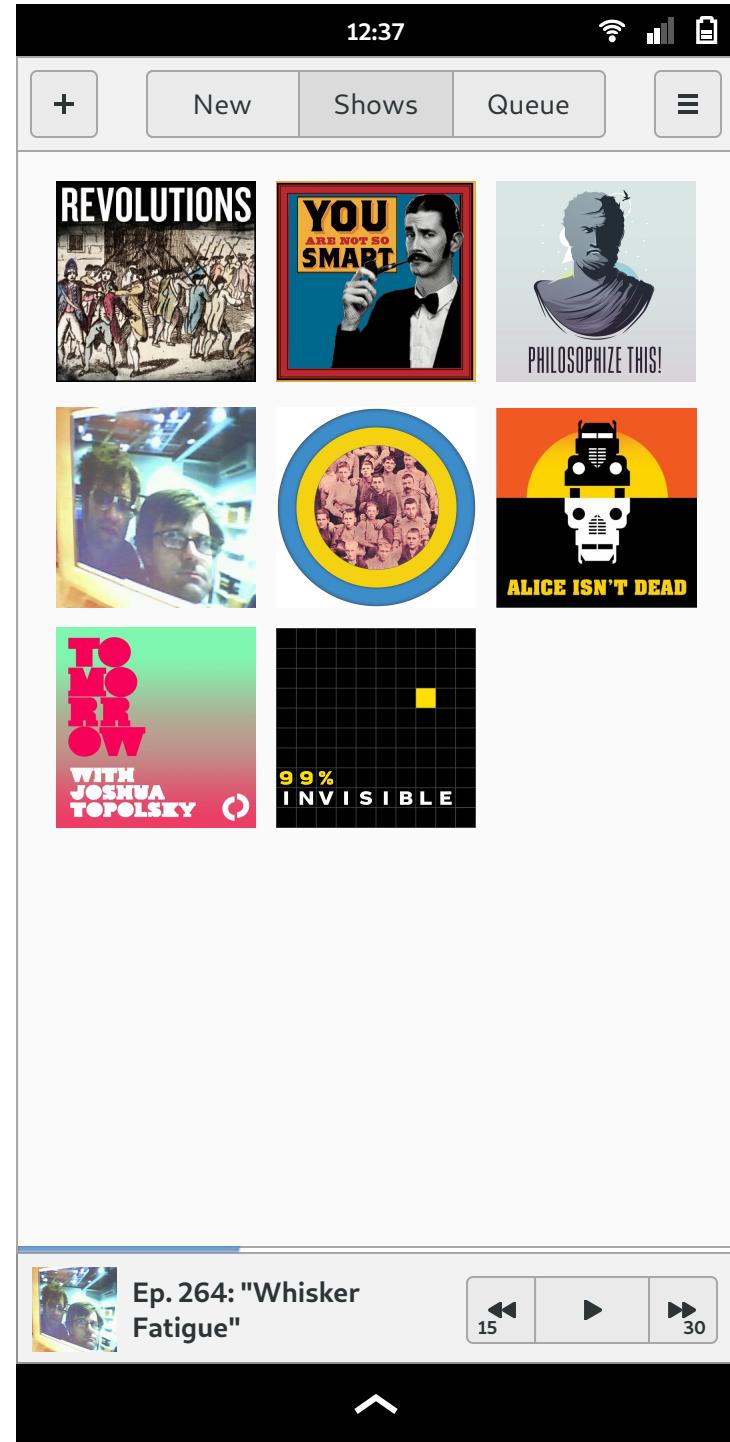
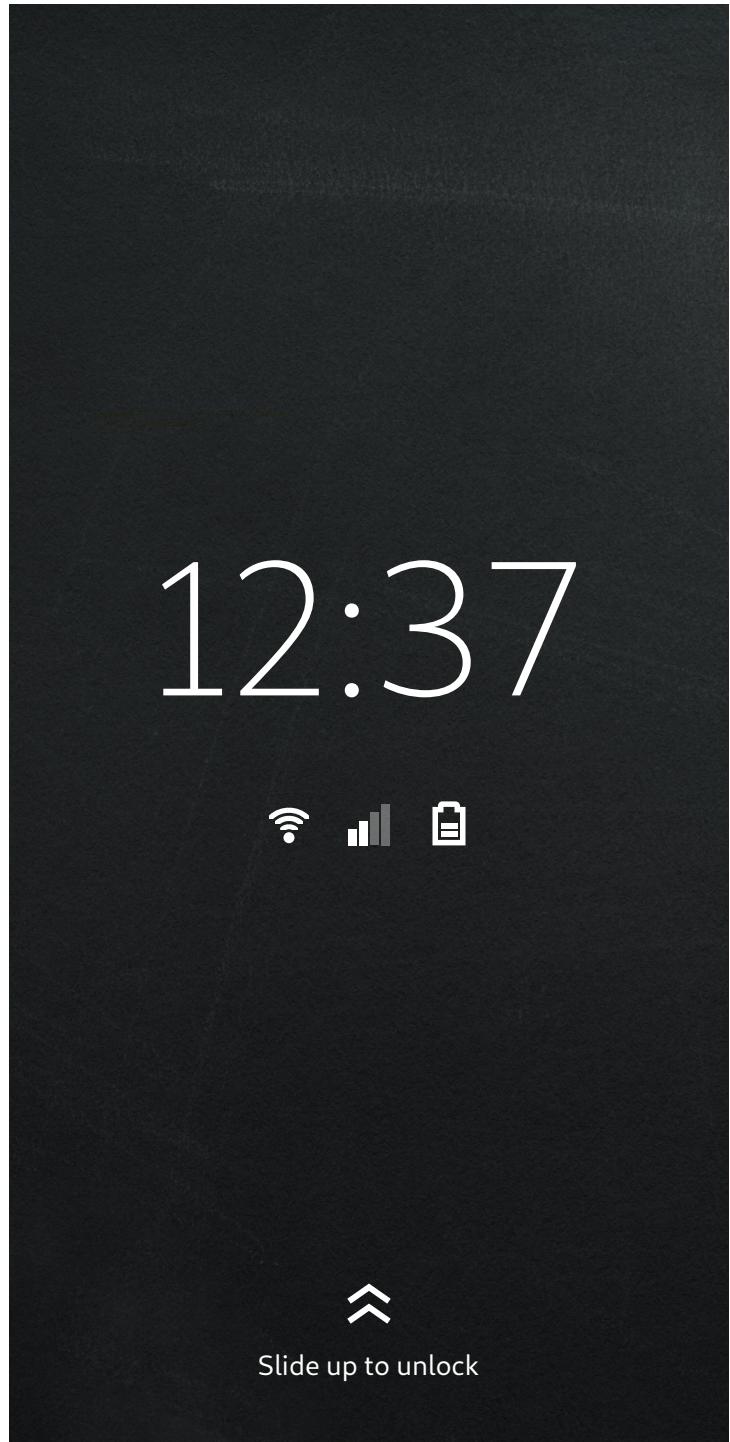
platform

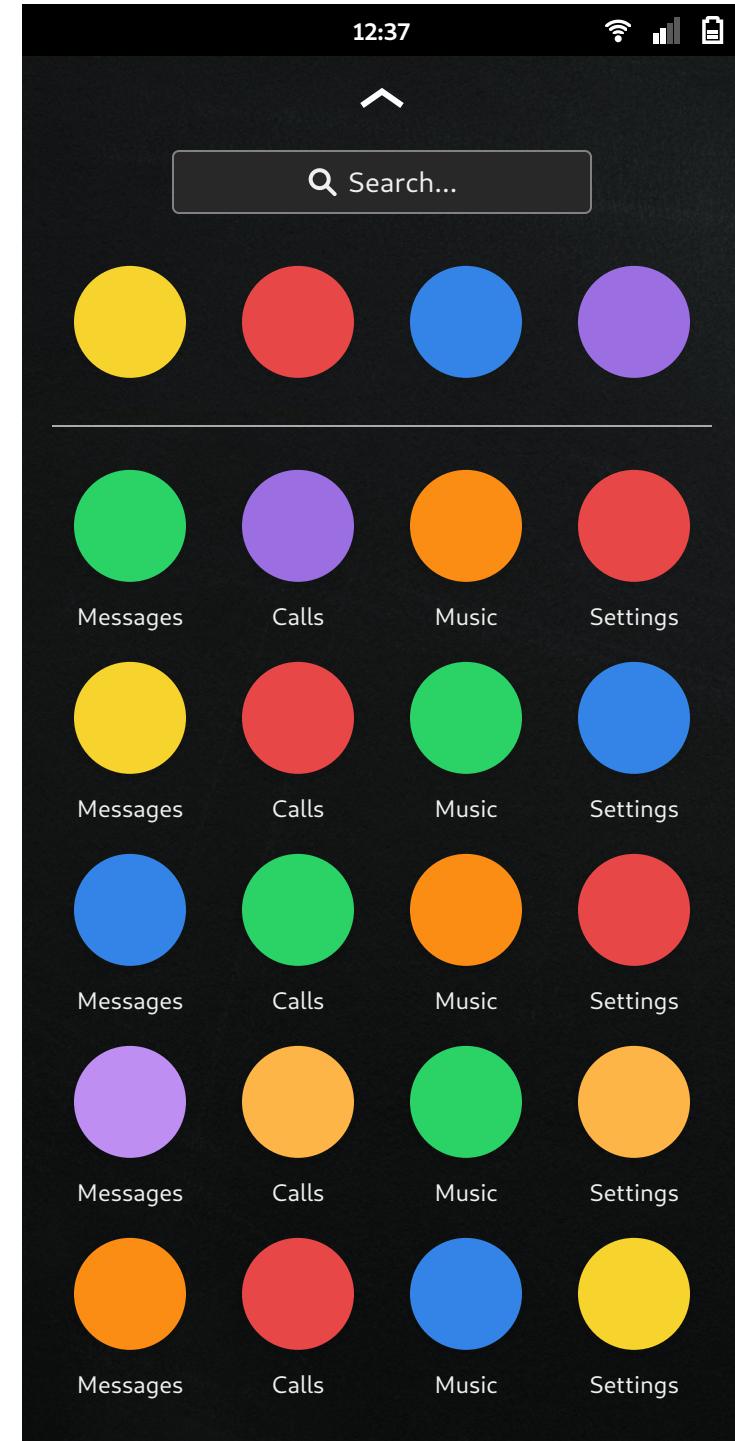
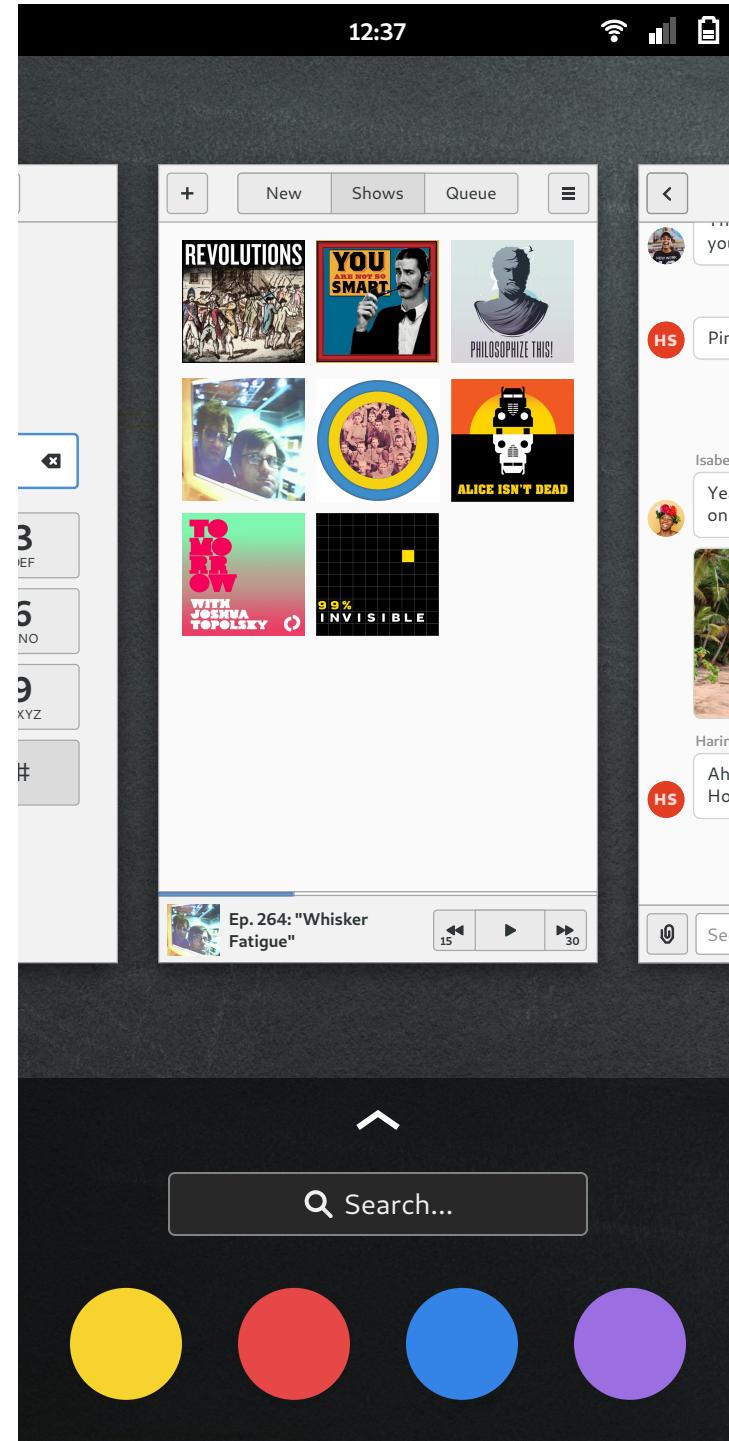
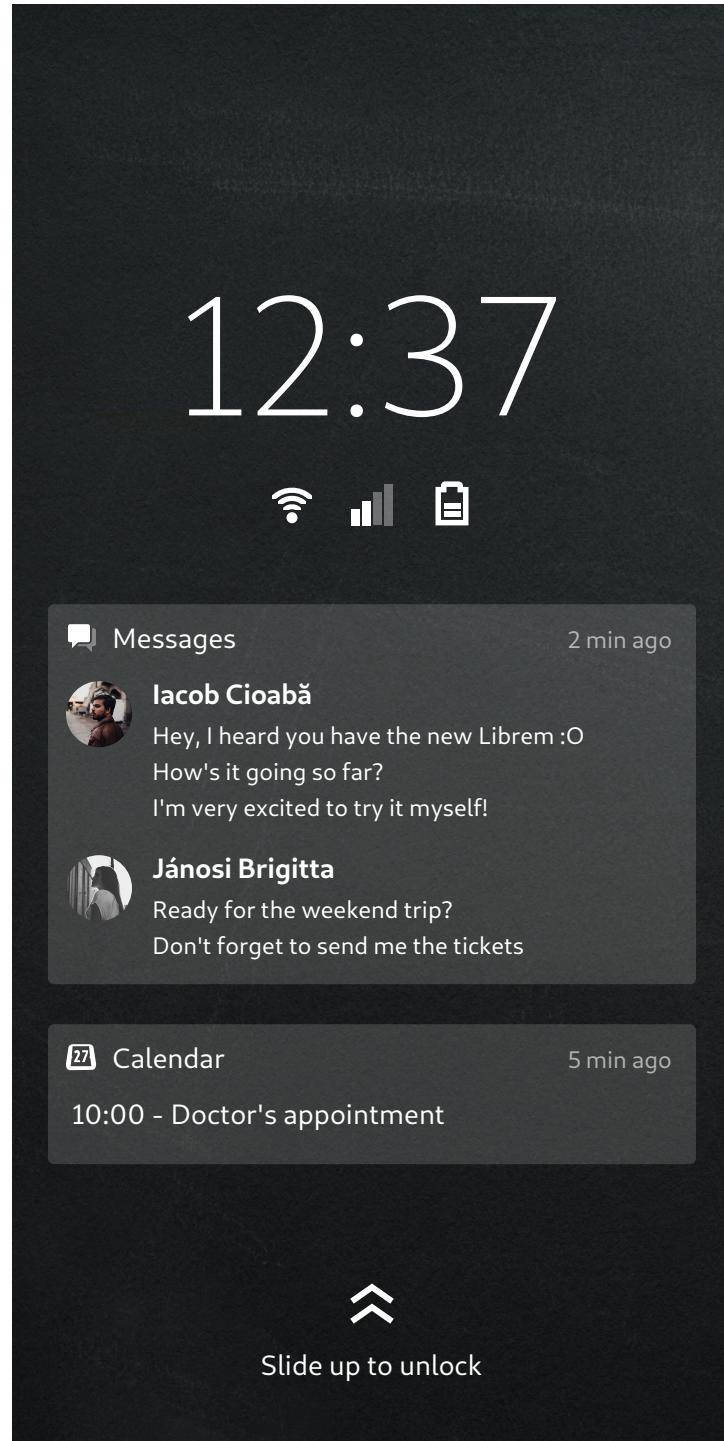
GLib, GTK etc.

base OS

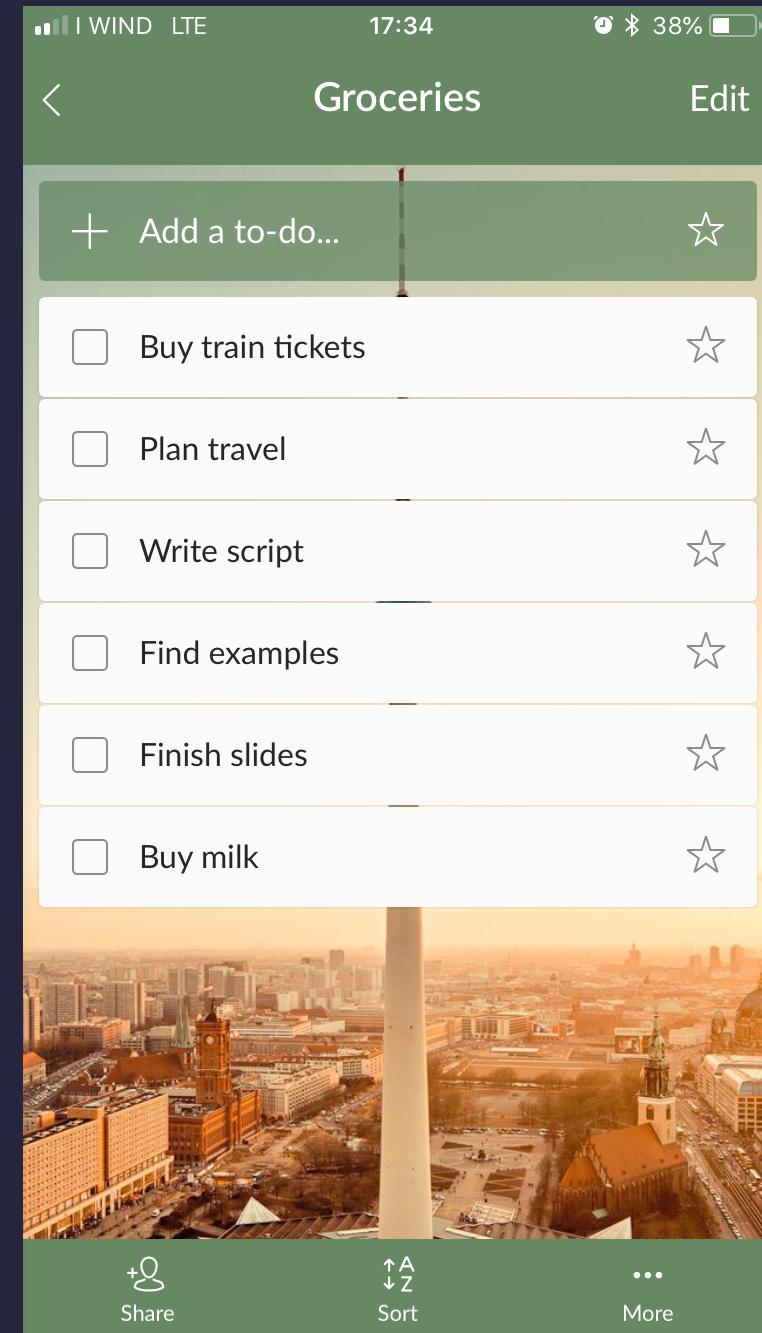
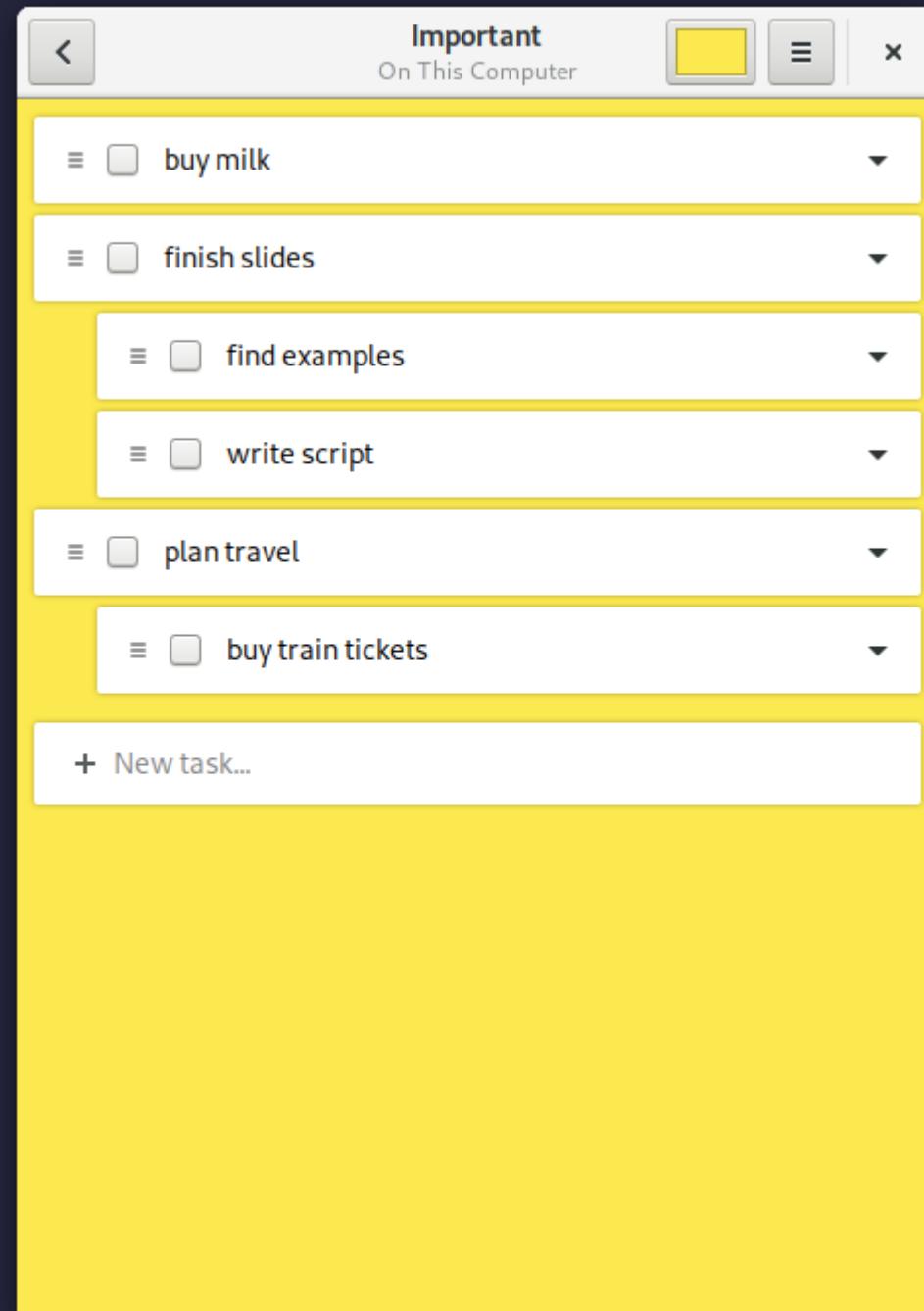
Debian/PureOS

minimum viable
Shell





Apps



A screenshot of a web browser displaying the Flathub website at <https://gnome.org>. The browser interface includes standard navigation buttons (back, forward, search) and a tab bar. The Flathub logo, featuring three white cubes, is visible in the top right corner of the main content area. The page itself has a blue header with the text "FLATHUB BETA". The main content area features a large heading "Apps for Linux, right here" followed by a welcome message: "Welcome to Flathub, the home of hundreds of apps which can be easily installed on any Linux distribution. Browse the apps online, from your app center or the command line." Below this are two blue buttons labeled "Quick setup" and "Browse the apps". A section titled "Popular Apps" shows icons for popular software like LibreOffice, Transmission, and Spotify, with a "See more" button.

A screenshot of a mobile device displaying the same Flathub website at <https://gnome.org>. The mobile interface includes a top bar with the time (12:37) and signal strength, and a bottom navigation bar with icons for back, forward, and search. The Flathub logo and "FLATHUB BETA" text are present in the header. The main content area is identical to the desktop version, showing the "Apps for Linux, right here" heading, the welcome message, the "Quick setup" and "Browse the apps" buttons, and the "Popular Apps" section with its respective icons and "See more" button.

Sidebars

Lists

App Menu

Dialogs

Sidebars



 **Settings** x

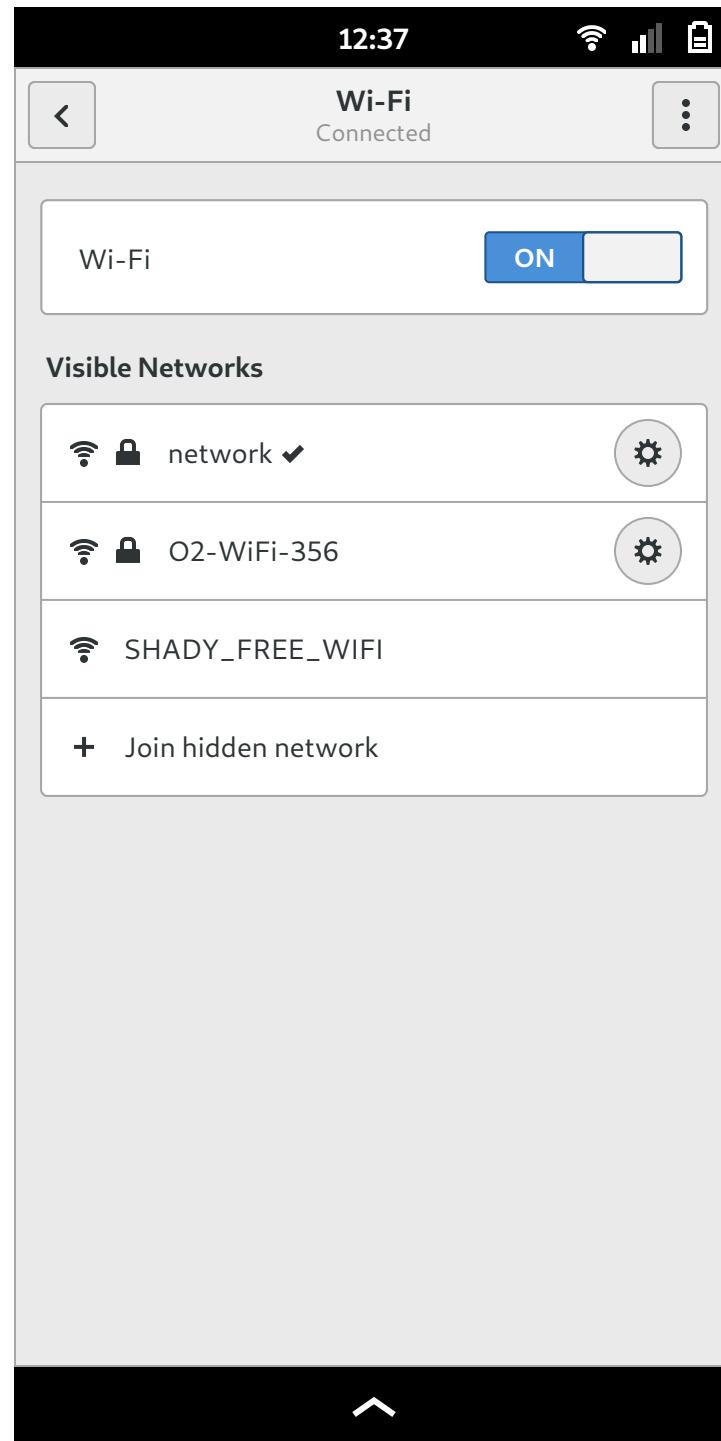
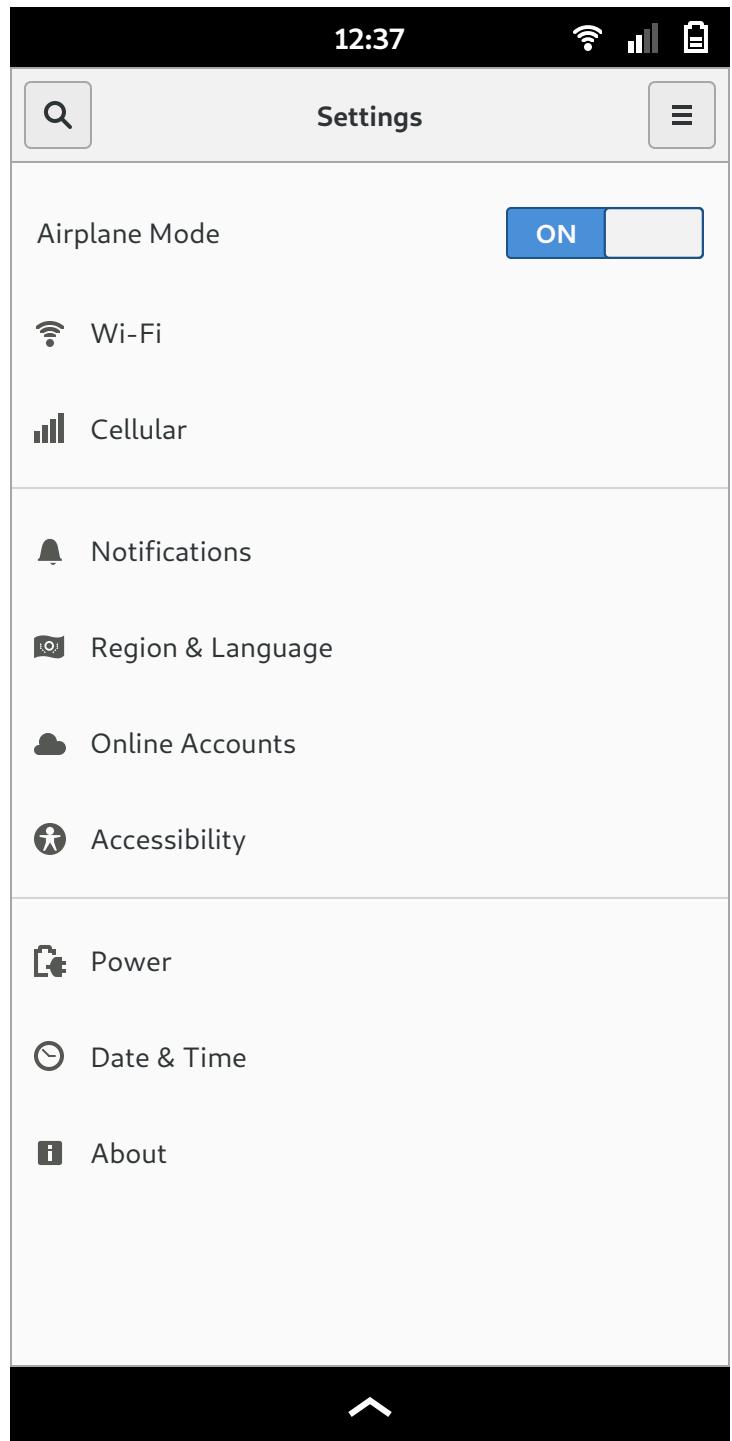
 Wi-Fi		
 Bluetooth		
 Background		
 Notifications		
 Search		
 Region & Language		
 Universal Access		
 Online Accounts		
 Privacy		
 Sharing		
 Sound		
 Power		

Notifications

Notification Popups	
Lock Screen Notifications	

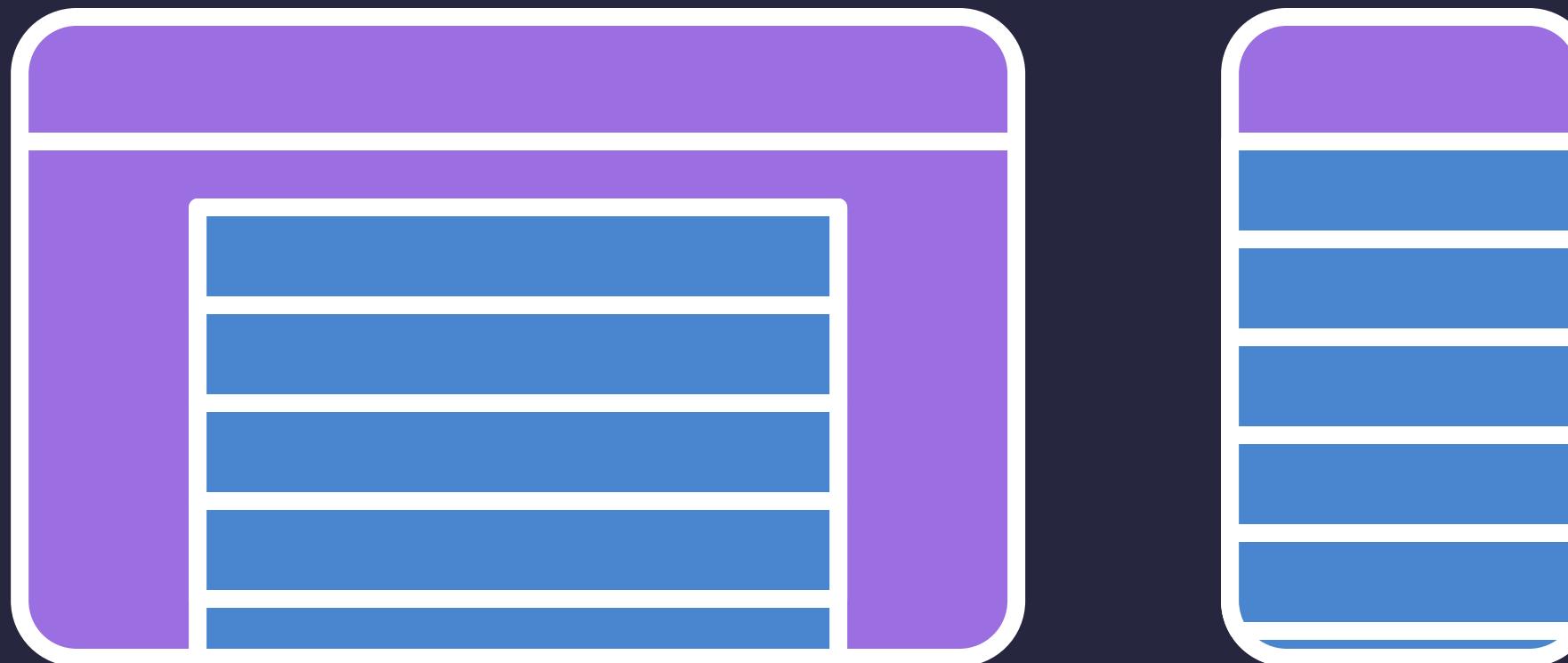
Applications

 Archive Manager	On
 Backups	On
 Banner Designer	On
 Builder	On
 Clocks	On
 Files	On



HdyLeaflet Demo

Lists



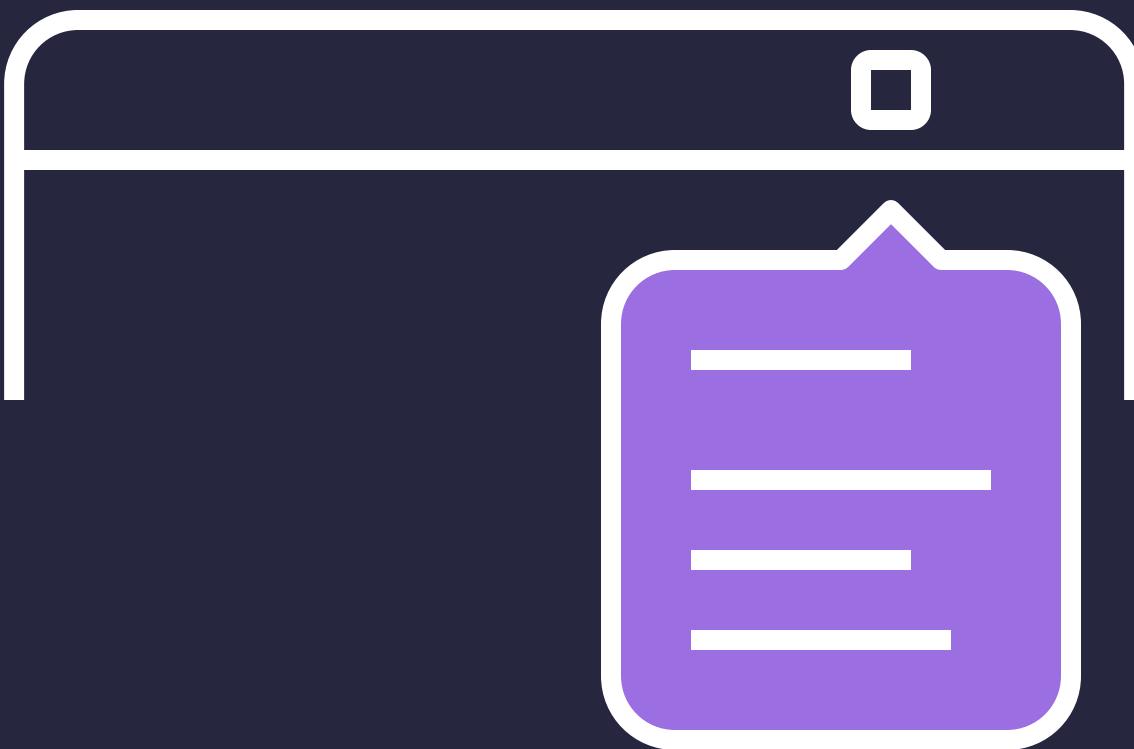
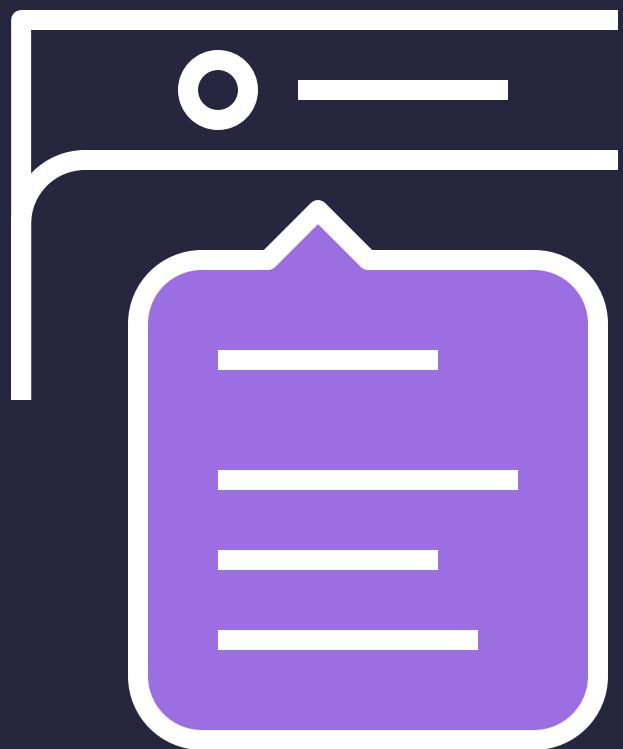
scales forever

vs.

fixed width

HdyColumn Demo

App Menu



Activities

Text Editor ▾

New Window

Preferences

Keyboard Shortcuts

Help

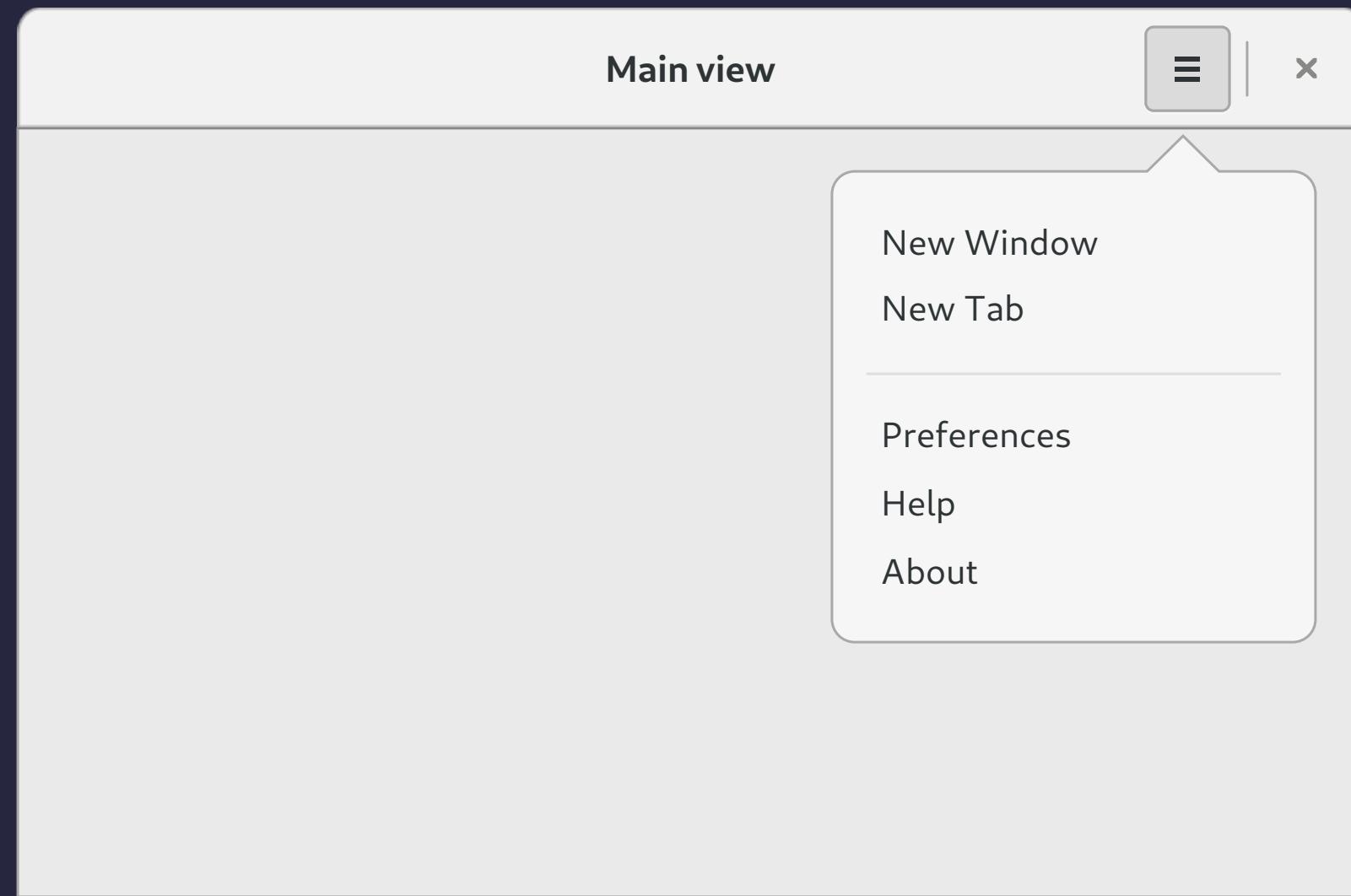
About

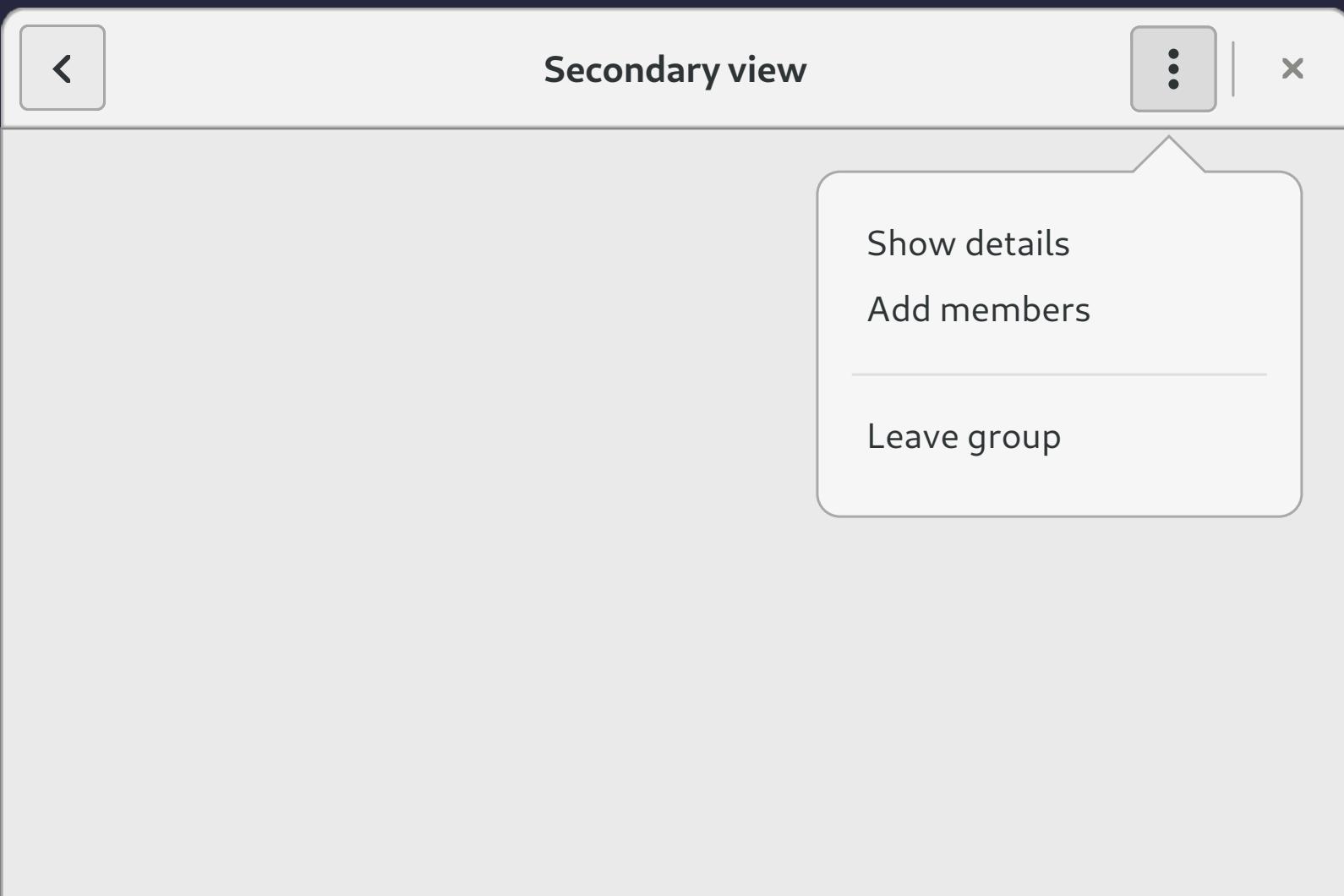
Quit

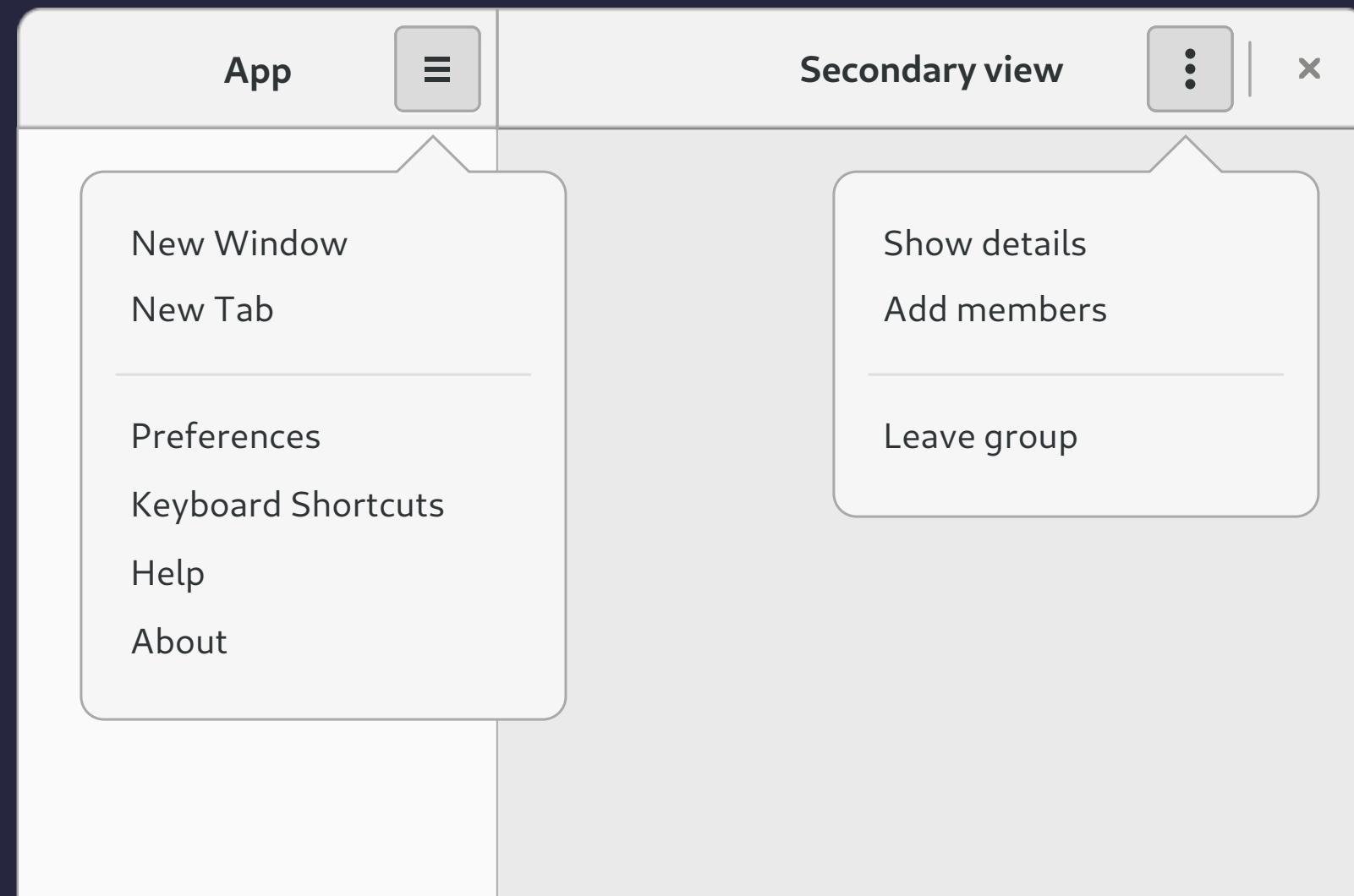
Discoverability

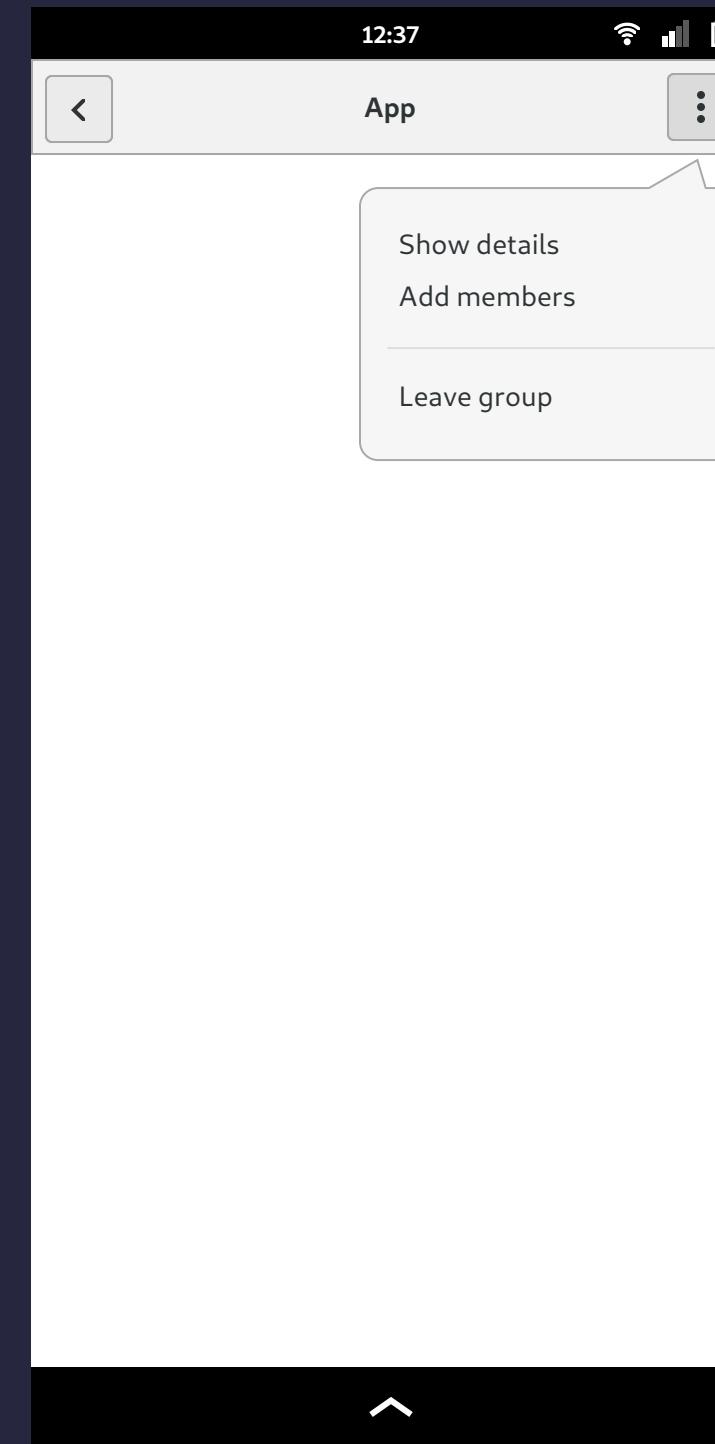
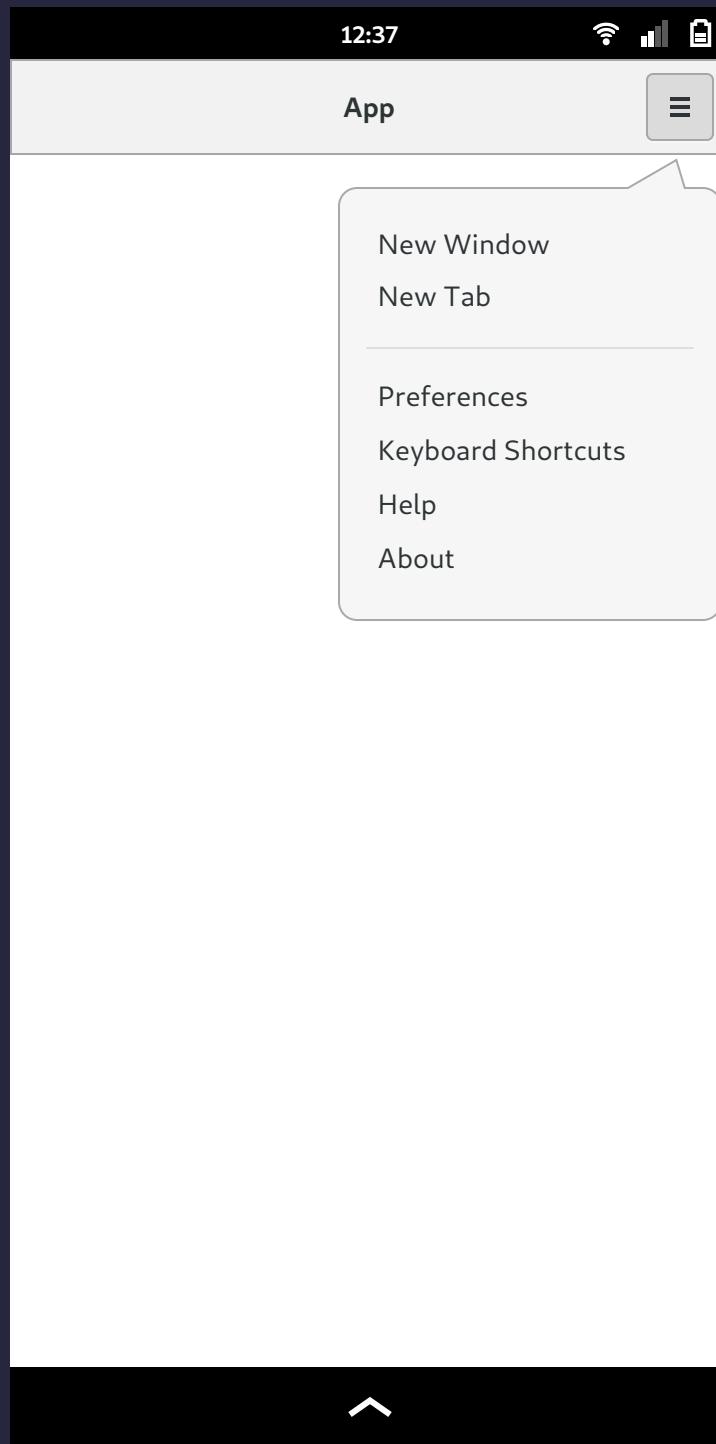
Multi-monitor

Adoption









Dialogs



Preferences

Views

Behavior

List Columns

Search & Preview

Recent

Home

Documents

Downloads

Music

Pictures

Videos

Trash

tobias.be...

GUADEC 201...

os-mockups

app-mockups

Open Action

Single click to open items

Double click to open items

Link Creation

Show action to create symbolic links

Executable Text Files

Display them

Run them

Ask what to do

Trash

Ask before emptying the Trash

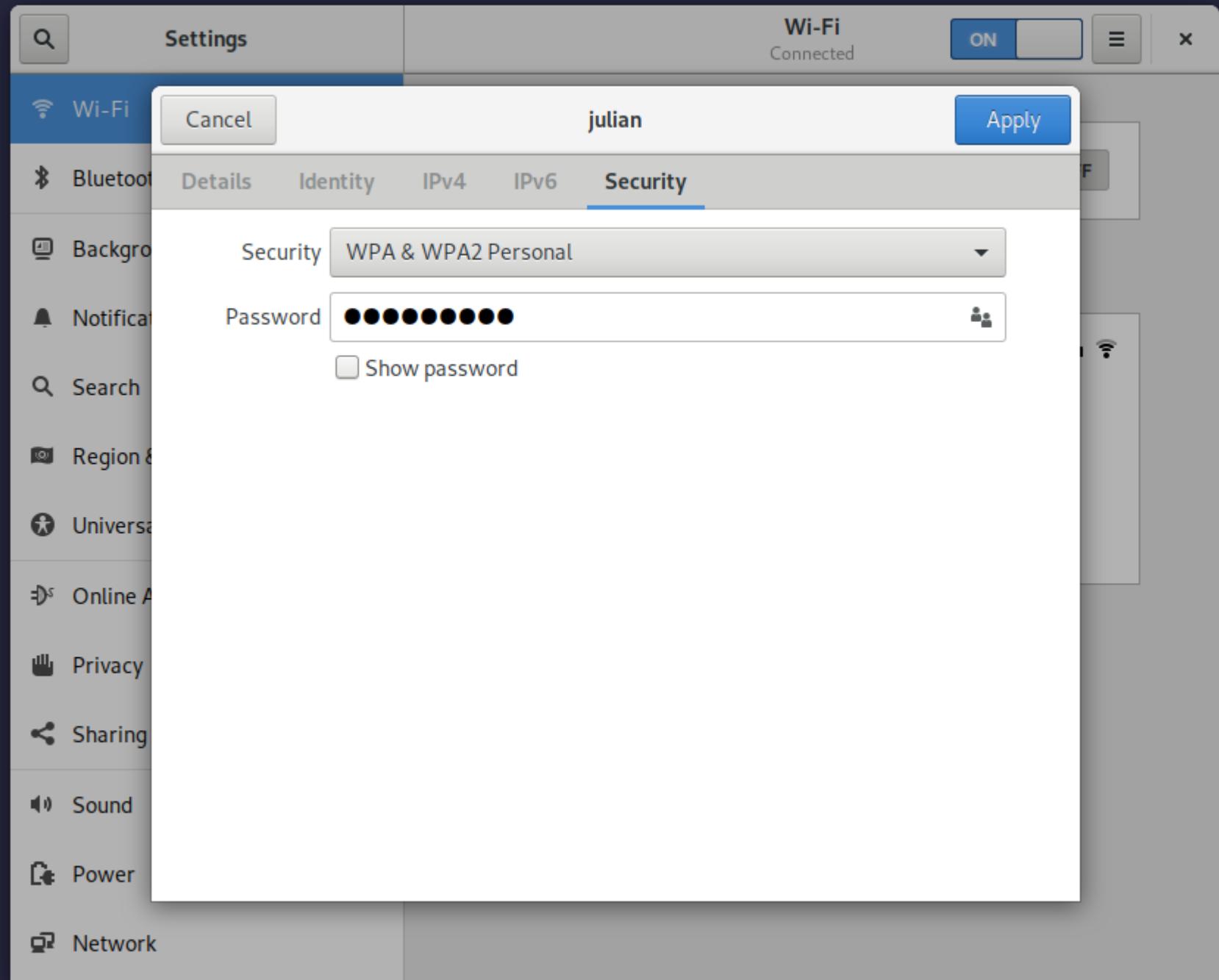
Show action to permanently delete files and folders

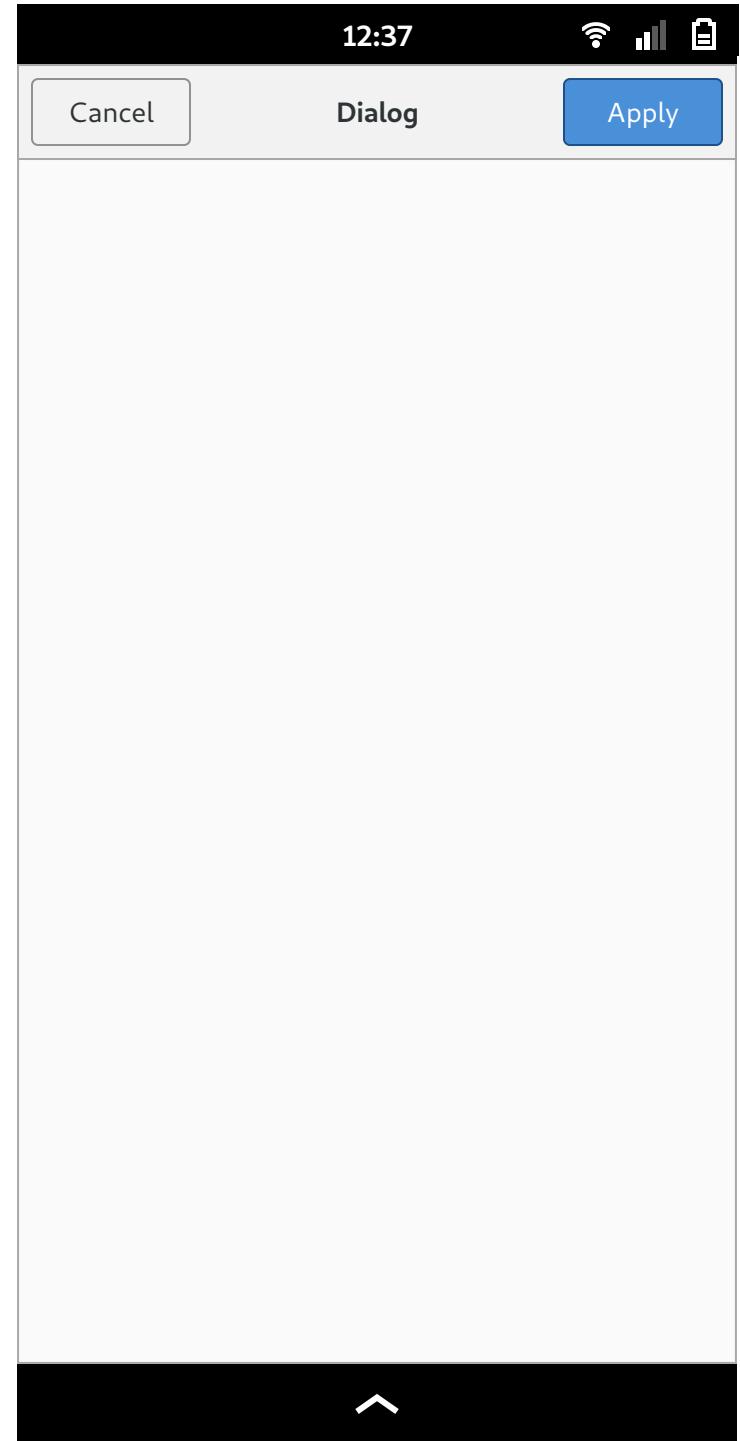
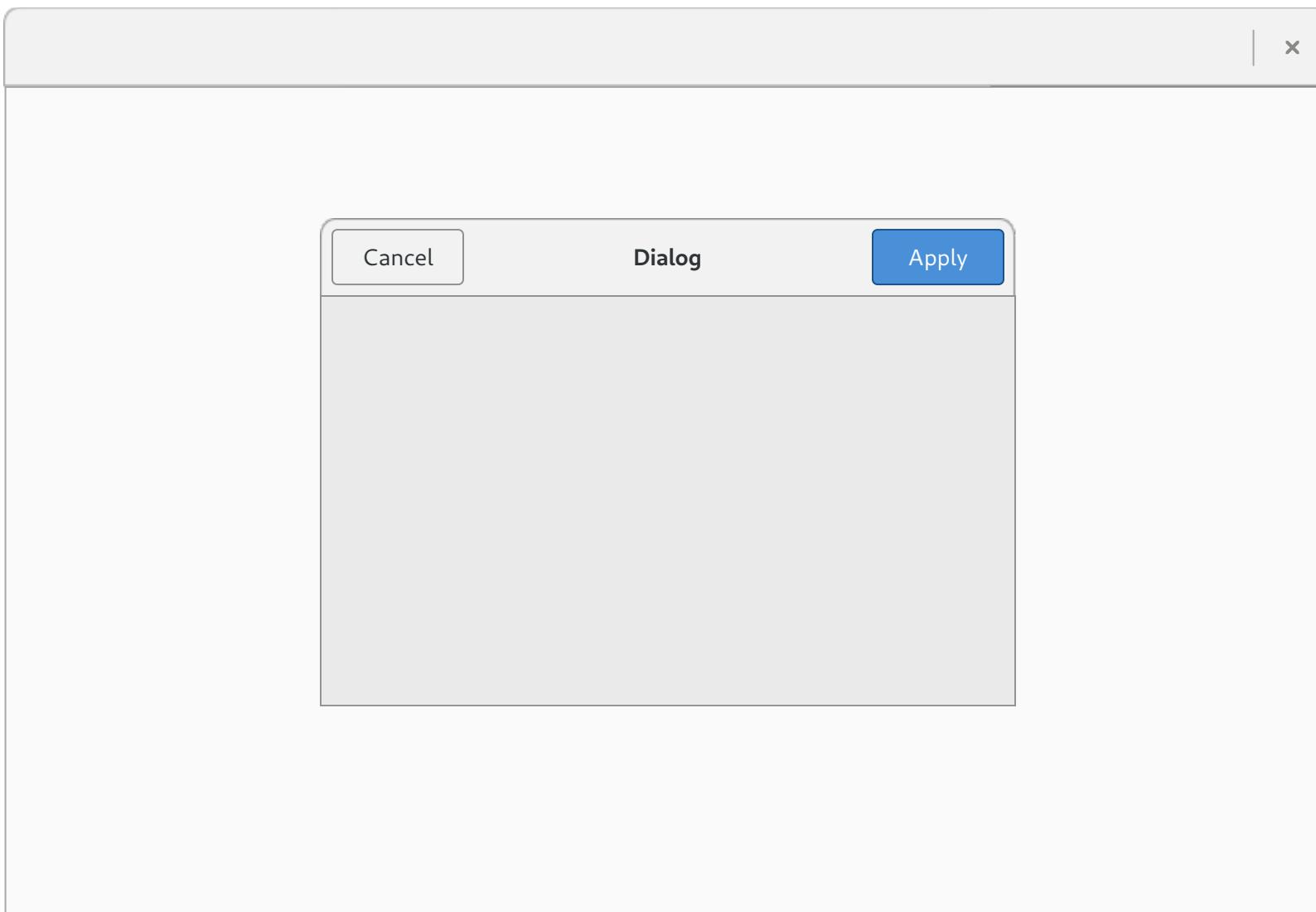


fractal

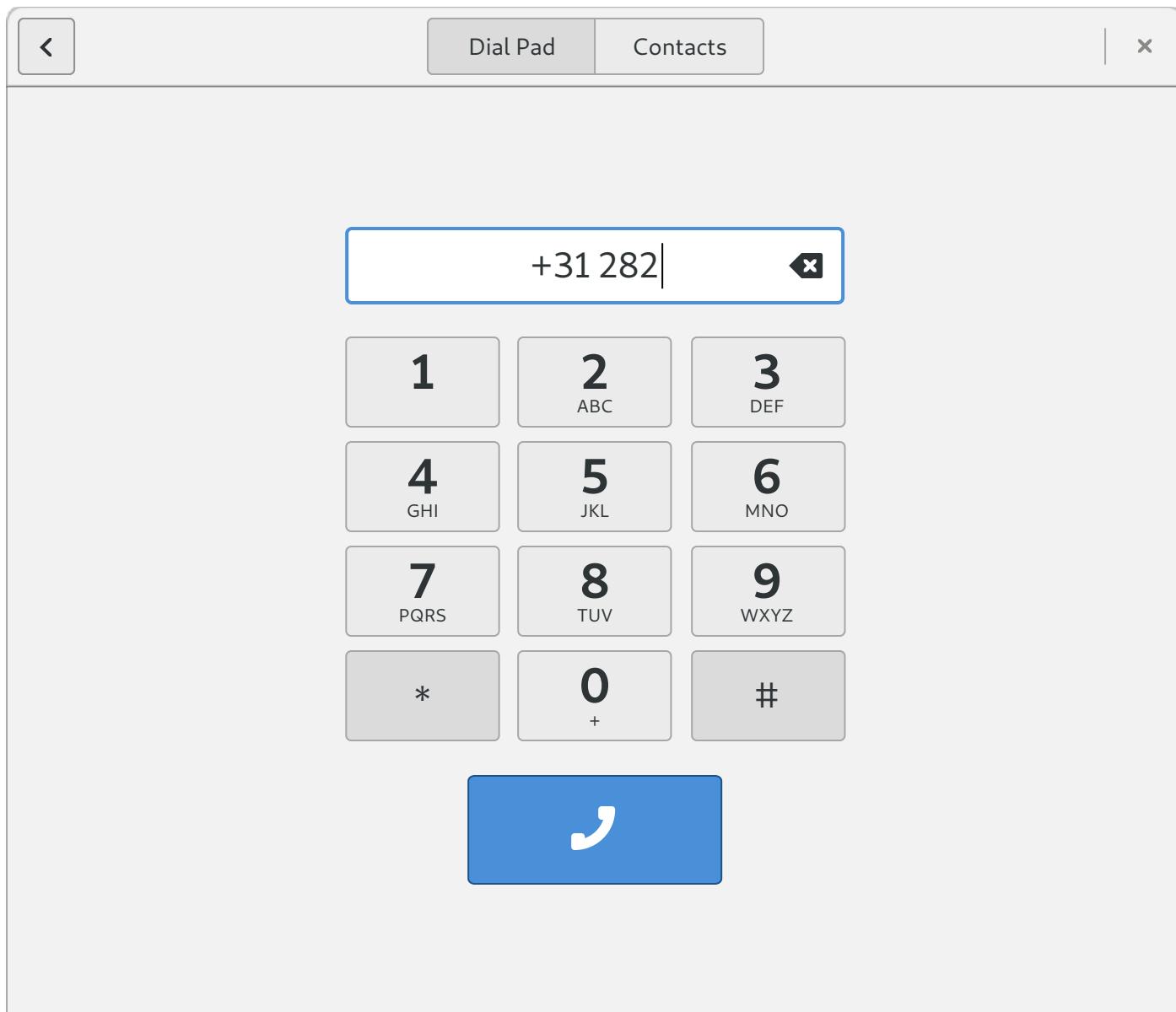
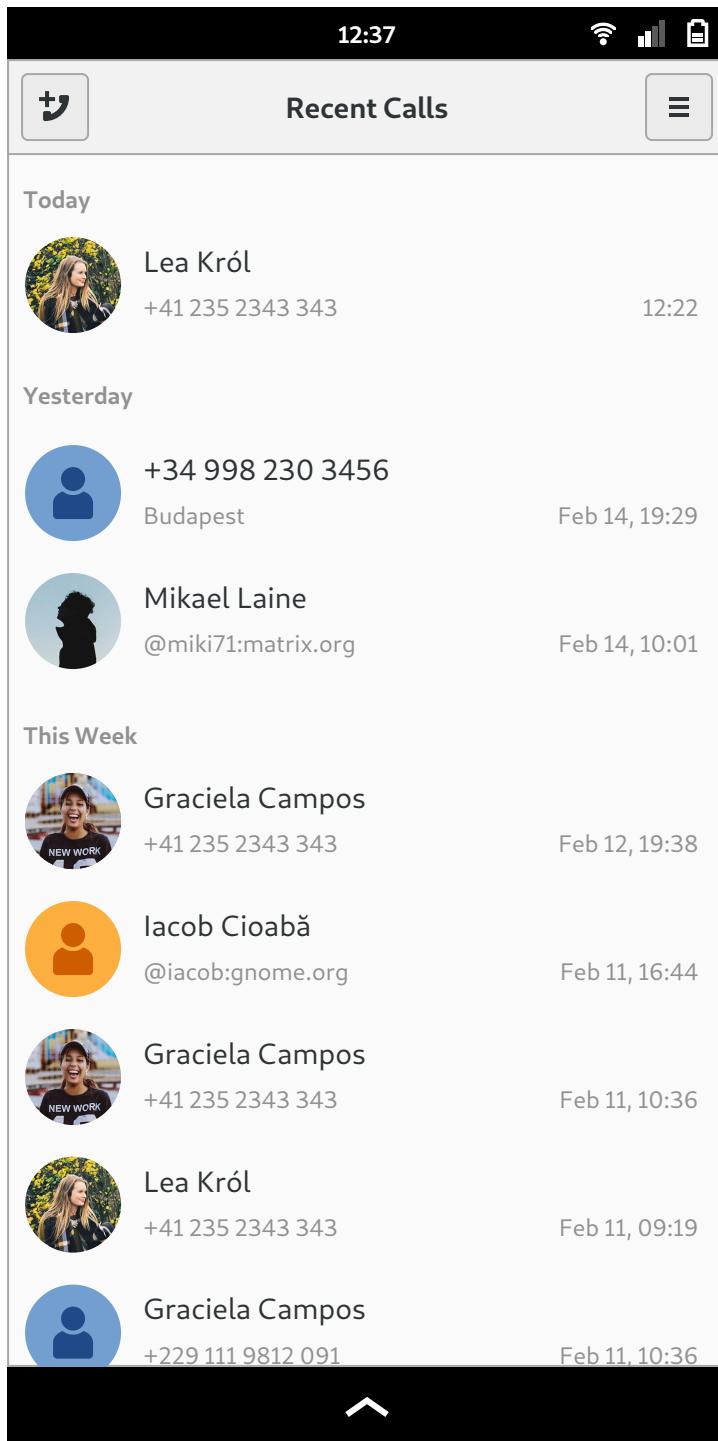


COPYING





Case Studies



Messages

Lea Król Hey, how are you doing? 12:22

+34 998 230 3456 Great, I'm working on some sick mockups for the Librem 5 11:09

Your Autentication code is 3019

Mikael Laine Wow really? That's awesome 10:01

Sorry, I'll be 5min late

Graciela Campos I'm very excited you're porting GNOME to mobile 15:25

Thanks for the recommendation :) 02/12

+44 23 0129 9234

Hell no, i hate skiing 02/12

Jánosi Brigitta

Great, let's talk on Friday 02/11

Harini Sengupta Not quite done yet, but I'm liking this direction so far :) 02/11

Why not both lol

Isabell Engel Secure message... 02/10

Not quite done yet, but I'm liking this dir...

Hey, what's up?

Lea Król Hey, what's up?

Isabell Engel Hey, how are you doing?

Isabell Engel Great, I'm working on some sick mockups for the Librem 5

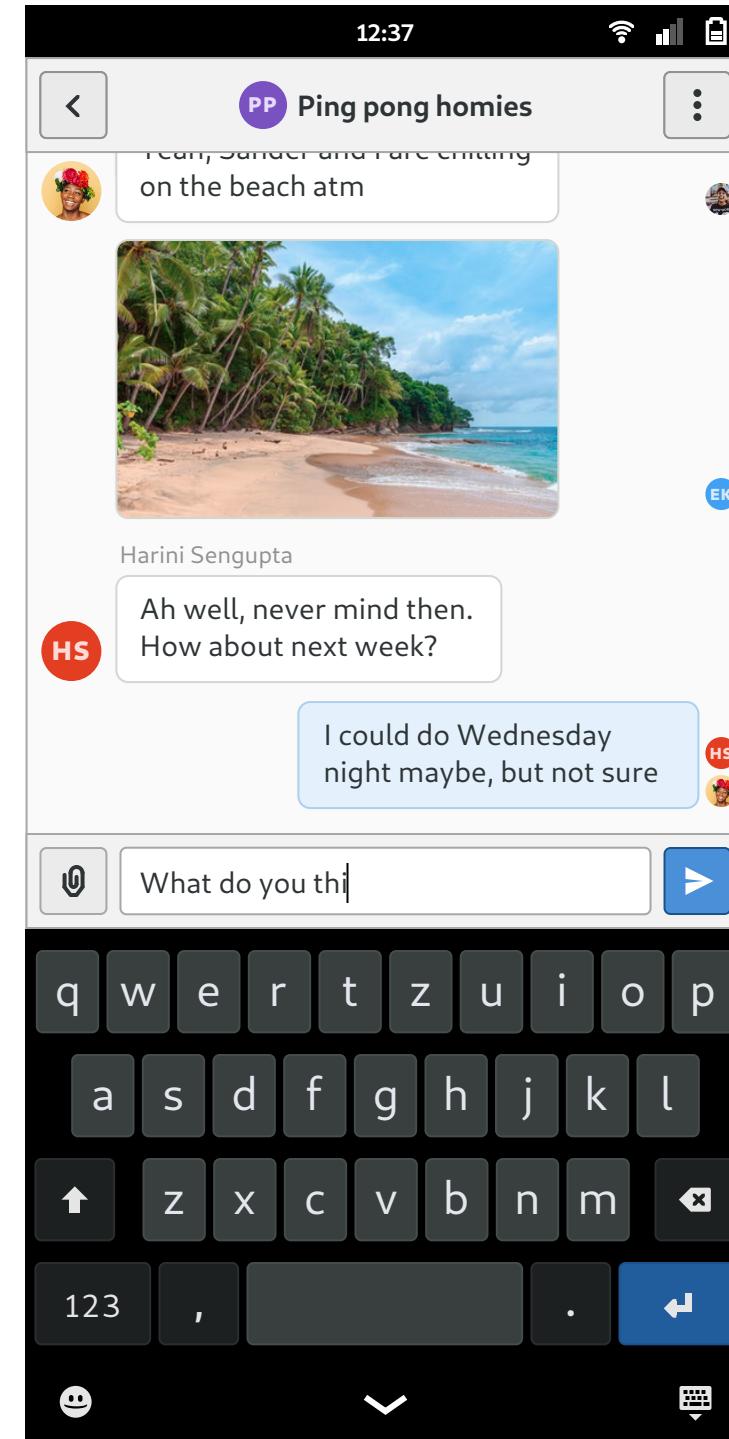
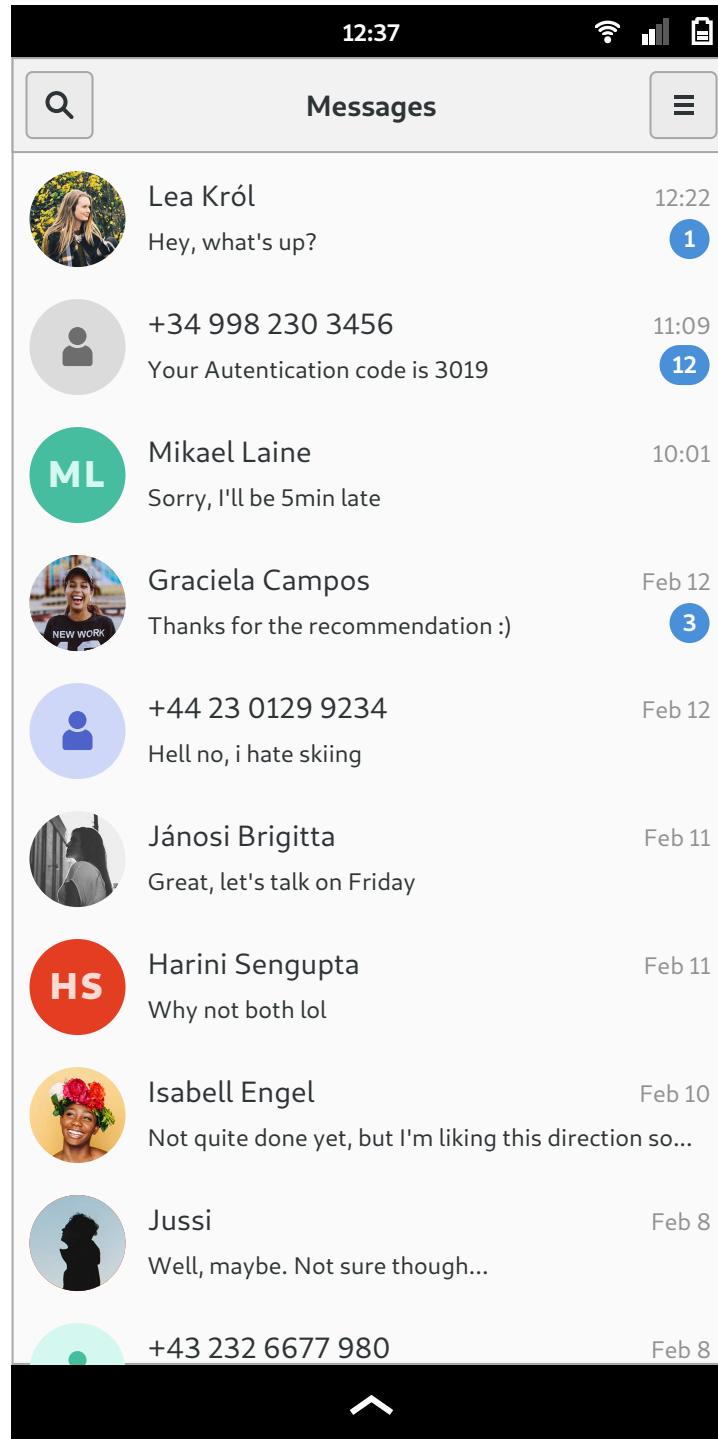
Isabell Engel Wow really? That's awesome

Isabell Engel I'm very excited you're porting GNOME to mobile

Isabell Engel Not quite done yet, but I'm liking this direction so far :)

Isabell Engel Secure message...

Isabell Engel



12:37

New Shows Queue

REVOLUTIONS

YOU ARE NOT SO SMART

PHILOSOPHIZE THIS!

ALICE ISN'T DEAD

TOMORROW WITH JOSHUA TOPOLSKY

99% INVISIBLE

Ep. 264: "Whisker Fatigue"

15 ▶ 30

+ New Shows Queue

Today

Episode 113 - The Frankfurt School Pt. 5 - Civil...
Dec 19 · 44min · 69 MB

Ep. 265 "Cisesthesia"
Dec 19 · 1h 16min

115 - Machine Bias
Dec 19 · 1h 24min

7.18 - Democracy in Action
Dec 19 · 42min

Yesterday

285 - Money Makers
Dec 18 · 22min

Ep. 264: "Whisker Fatigue" · Roderick on the Line
22:48 01:18:25 1.5x ▾

Get involved!

developer.puri.sm

source.puri.sm/Librem5/libhandy

#community-librem-5:talk.puri.sm

Thanks