

Linux / FOSS News

2023.02.08

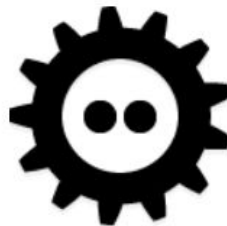
FOSDEM'23

- Happened over the weekend, 4th - 5th Feb 2023, in Brussels

About FOSDEM

FOSDEM is a two-day event organised by volunteers to promote the widespread use of free and open source software.

Usually taking place in the beautiful city of Brussels (Belgium), FOSDEM is widely recognised as the best such conference in Europe.



RedHat announces Display/HDR Hackfest

- Brno in the Czech Republic, April 24-26
- Attendees will include those from projects such as Freedesktop, GNOME, KDE, Mesa, Wayland and the Linux kernel
- Planning to work out how to add HDR monitor support to Linux over the next few years



OpenMPI drops 32-bit support

- 32-bit usage is dropping, especially for HPC applications
- Build script will abort if 32-bit and other changes will come in soon
- Last call for 32-bit maintainers if there are any interested



Servo releases roadmap for 2023



- Started as an experimental web engine written in Rust
- Originally developed mainly at Mozilla, now under Linux Foundation
- Restarted work, taking contributions

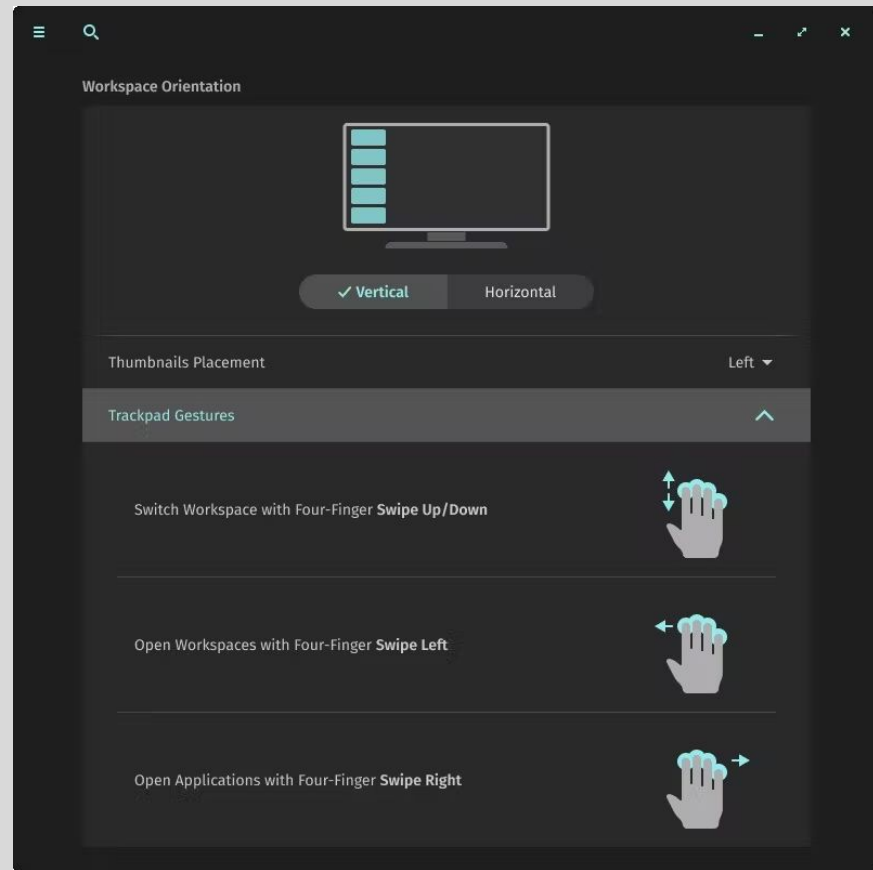
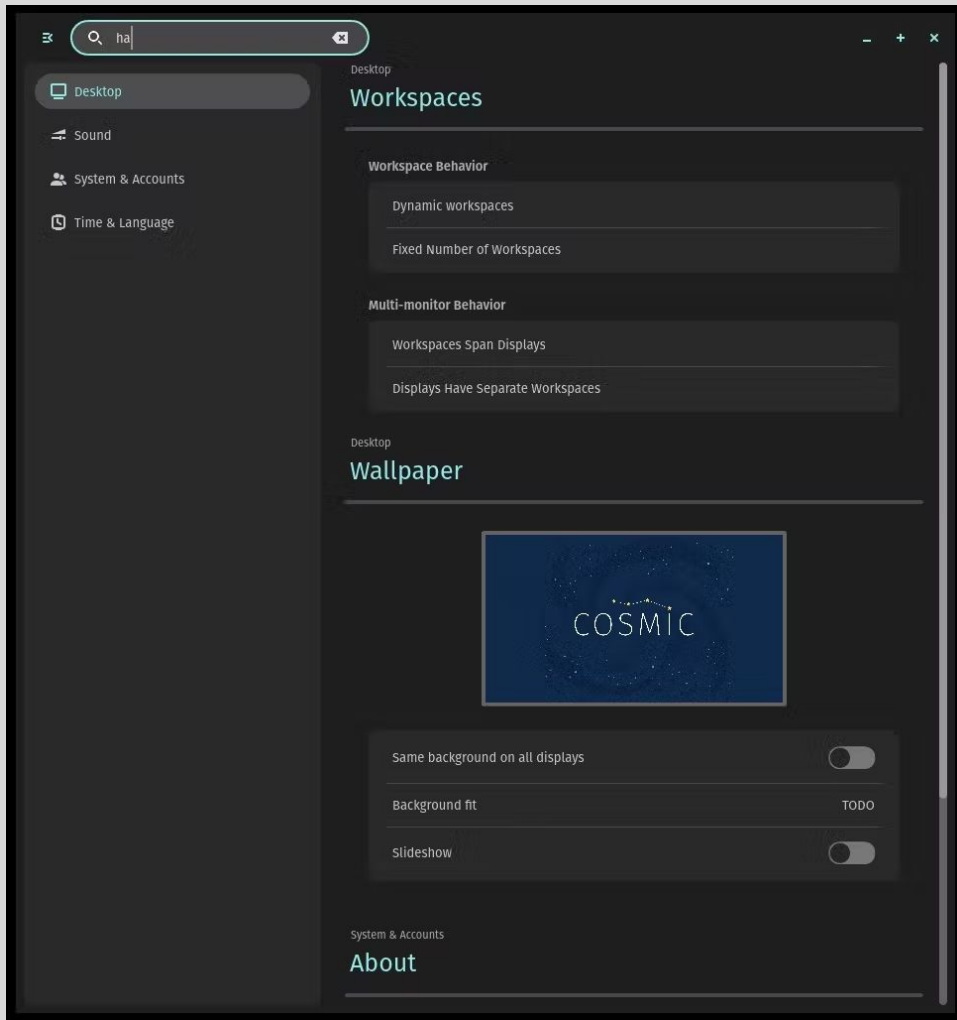
Servo 2023 Roadmap

Q1	Q2	Q3	Q4
Project reactivation			
Project outreach			
Main dependencies upgrade			
Layout engine selection			
		Progress towards basic CSS2 support	
		Explore Android support	
			Embeddable web engine experiments

System76 announces COSMIC DE

- COSMIC is a desktop environment written in Rust, with its own Wayland compositor
- Better integration and support for features like HiDPI, HDR, and fractional scaling / Better compatibility with Nvidia
- Iced, an open-source and cross-platform application toolkit
- libcosmic as COSMIC's main widget library





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📶 Wi-Fi

🌐 Networking

📶 Bluetooth

🖥️ Desktop

🖱️ Input Devices

🖥️ Displays

🔋 Power & Battery

🔊 Sound

🖨️ Printers & Scanners

🛡️ Privacy & Security

👤 System & Accounts

🔄 Updates & Recovery

🕒 Time & Language

♿ Accessibility

📁 Applications

Displays

Drag displays to rearrange them. Select a display to change its settings.

1

2

3

15" Laptop Display

27" External Display

25" External Display

Enable display

☒

Mirroring

Don't mirror ▾

Display Options

Resolution

1920x1080 ▾

Refresh rate

144 Hz ▾

Scale

100% ▾



BlendOS is now released

- A blend of 3 distributions - Arch Linux, Fedora, Ubuntu
- Main difference is in the package management - Can install from the Fedora repos, Arch repos, AUR and Ubuntu repos + Flatpak
- Can run apt/apt-get + dnf/yum + pacman from the shell directly

```

rudra@blend ~ %> apt --version
apt 2.5.3 (amd64)
rudra@blend ~ %> dnf --version
4.14.0
Installed: dnf-0:4.14.0-2.fc38.noarch at Wed Jan 25 03:13:09 2023
Built: Fedora Project at Thu Jan 19 01:46:14 2023

Installed: rpm-0:4.18.0-10.fc38.x86_64 at Wed Jan 25 03:13:10 2023
Built: Fedora Project at Fri Jan 20 21:18:09 2023
rudra@blend ~ %> pacman --version

Pacman v6.0.2 - libalpm v13.0.2
Copyright (C) 2006-2021 Pacman Development Team
Copyright (C) 2002-2006 Judd Vinet

This program may be freely redistributed under
the terms of the GNU General Public License.

rudra@blend ~ %> yay --version
yay v11.3.2 - libalpm v13.0.2
rudra@blend ~ %> blend --version
blend 1.0.4
rudra@blend ~ %>

```

Get Started



Pine64 releases PineTab 2

- Uses the RK3566 SOC - Quad-core Cortex-A55 processor w Mali-G52 MP2 GPU, up-to 8GB of RAM
- Metal chassis, 2 x USB-C ports, 1 x Micro-HDMI, 1 x MicroSD slot and 1x 3.5mm audio jack

