![fedora](fedora logo)

What's new and what's next for the Fedora Atomic Desktops

Silverblue, Kinoite, Sway Atomic, Budgie Atomic, COSMIC Atomic

Timothée Ravier

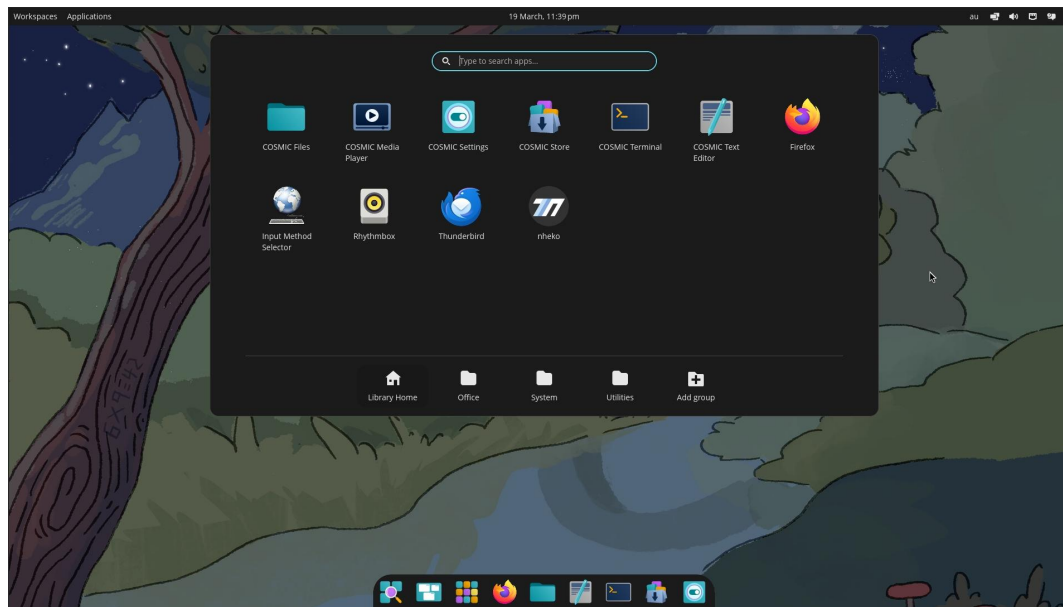Fedora Atomic Desktops maintainer

Fedora 42 Release Party 🎉

What's new?

New COSMIC Atomic variant

- Using COSMIC desktop

- Thanks to Ryan Brue from the COSMIC SIG

composefs enabled by default

- Root partition mount now truly read only

- Important step towards better integrity guarantees

- Known issue with `systemd-remount-fs.service`

  - Unit may fail to start on your system

  - Manual workaround for now, pending automated fix

  - [Root mount options are ignored in Fedora Atomic Desktops 42](#)

https://fedoraproject.org/wiki/Changes/ComposefsAtomicDesktops

Migration to a static GRUB config

- Now using a static GRUB config for all nodes

- Docs still missing on how to change some GRUB settings

- See: https://gitlab.com/fedora/ostree/sig/-/issues/73

Smaller changes

- Custom keyboard layout set on installation (for LUKS unlock)

  - Manual workaround for existing setups

  - See: https://gitlab.com/fedora/ostree/sig/-/issues/6

- No longer building for PPC64LE

  - No users so we stopped the builds

  - https://fedoraproject.org/wiki/Changes/AtomicDesktopsNoPpc64le

What's new in Budgie Atomic?

- **Plasma Discover** as Software center
- GNOME Software will **move your system to Fedora Silverblue**
- **Use the command line** to rebase from Fedora **41 to 42**
- See: https://pagure.io/fedora-budgie/project/issue/5

Unofficial Bootable Container images

- Close to being able to provide official container images
  - https://gitlab.com/fedora/ostree/sig/-/issues/2
- In the meantime, **unofficial images** are on Quay.io:
  - https://quay.io/organization/fedora-ostree-desktops

- Now **signed** with cosign
- Available for **aarch64**

Unofficial, experimental Fedora Asahi Remix Atomic Desktops

- github.com/fedora-asahi-remix-atomic-desktops/images

- **Installation path still experimental**

- Help needed to make it more usable

- Does not support x86 emulation yet

Universal Blue, Bluefin, Bazzite, Aurora

- They moved to Fedora 41 and 42 **on release day**

- Look for announcements [on their Discourse forum](#)

What's next?

Roadmap to Bootable Containers

- Next **major evolution** for the Atomic Desktops
  - Pushing official Bootable Container images
  - Using container images as transport

- See the Roadmap to Fedora Bootable Containers

Unifying the Atomic Desktops docs

- A **single documentation** for all Atomic Desktops

- See: https://gitlab.com/fedora/ostree/sig/-/issues/10

Call for contributions!

More details and links

https://fedoramagazine.org/whats-new-for-fedora-atomic-desktops-in-fedora-42/

Catch me at Flock to Fedora 2025!

Fedora Atomic Desktops: Are we the default yet?

https://cfp.fedoraproject.org/flock-to-fedora-2025/talk/8HKWCC/

Where to reach us?

- **Atomic Desktops SIG:**
  - **Wiki:** Atomic Desktops
  - **Tracker:** gitlab.com/fedora/ostree/sig
  - **Matrix:** #atomic-desktops:fedoraproject.org
- **Desktop SIGs and Matrix rooms:**
  - Workstation Working Group / #silverblue:fedoraproject.org
  - KDE SIG / #kinoite:fedoraproject.org
  - Sway / #sway:fedoraproject.org
  - Budgie / #budgie:fedoraproject.org

What's new in Silverblue?

- Latest **GNOME 48** release

- What's new in Fedora Workstation 42 (Fedora Magazine)

- Fedora Workstation 42 is upon us! from Christian F.K.
  Schaller

What's new in Kinoite?

- **Plasma 6.3**, Frameworks 6.11 and Gear 24.12

- What's New in Fedora KDE 42? on the Fedora Magazine

What's new in Sway Atomic?

- Nothing specific this release