

# Fedora KDE Plasma Desktop Edition is real!

Now what?

Neal Gomp

# Who am I?

- Open Source Advocate
- Principal Consultant at [Velocity Limitless](#)
- Contributor to [Fedora](#), [CentOS](#), [AlmaLinux](#), and [openSUSE](#)
  - Member of Fedora Engineering Steering Committee (FESCo)
  - Member of Fedora Workstation, Fedora Cloud, and Fedora Server WGs
  - Chair of Fedora KDE SIG
  - Co-chair of CentOS Hyperscale SIG
  - Member of CentOS Alternative Images SIG
  - Member of the AlmaLinux Engineering Steering Committee (ALESCo)
  - Former member of the openSUSE Board
- Contributor to RPM, DNF, KIWI, Koji, Open Build Service, and various other similar projects
- KDE contributor
  - Member of KDE, e.V. and X.Org Foundation
- Co-host of the [Sudo Show](#) podcast

# Fedora KDE Overview

# Fedora Project and Fedora Linux

The Fedora Project is a community of people working together to build a free and open source software platform and to collaborate on and share user-focused solutions built on that platform.

That platform is “Fedora Linux”, a Linux distribution that aims to provide the latest and greatest in free and open source software (FOSS) in a well-integrated fashion.

Fedora Linux offers a number of variants in the form of Editions (flagships), Spins (alternative desktops), and Labs (variants targeting a specific niche).



# Fedora KDE SIG

The Fedora Project Special Interest Group (SIG) packages and maintains the Qt stack and KDE software ecosystem for Fedora (and RHEL, starting with RHEL 8).

It also develops and maintains variants of Fedora media with KDE software on it.

As part of this work, the SIG contributes to KDE projects to support the broader community.

Also... [fedoraloveskde.org](https://fedoraloveskde.org)



# Fresh KDE Plasma

The Fedora KDE SIG has a policy of continuously updating KDE Plasma for the latest stable releases of Fedora Linux.

In addition, for KDE Plasma for RHEL/CentOS and derivatives, we refresh to the latest stable release at least twice a year for the latest stable release of RHEL/CentOS.

With KDE Plasma 6, things are a bit different, as it is a new major version. It is new to Fedora Linux 40 and EPEL for CentOS/RHEL 10.



# Fedora KDE Plasma Desktop Edition

The flagship KDE Plasma Desktop experience

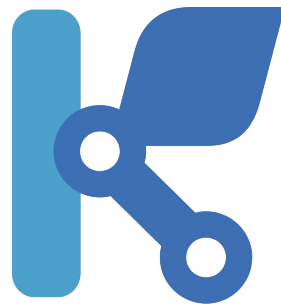
- Curated collection of KDE software to demonstrate the quality of the ecosystem
- Aims to provide quality KDE Plasma Desktop experience largely based on upstream defaults
  - Minor branding and usability tweaks
  - Mozilla Firefox as the browser
  - FirewallD and SELinux for security
- Shipped as a live media ISO for 64-bit x86, POWER, and ARM systems and a disk image for 64-bit ARM systems
  - Available from [kde.fedoraproject.org](https://kde.fedoraproject.org)



# Fedora Kinoite

A new experience that offers much of the same features as the main variant, except...

- A more minimal appliance-like experience
  - Applications delivered as Flatpaks
  - RPM-OSTree supports a reliable “atomic” base Linux desktop experience
  - Developer workflows supported through containers with Podman and Toolbox
- Shipped as an install ISO for 64-bit x86, ARM, and POWER systems
  - Available from [kinoite.fedoraproject.org](https://kinoite.fedoraproject.org)



fedora  
KINOITE

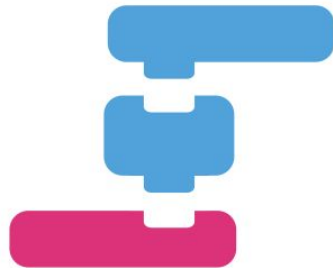


# KDE for Enterprise Linux

KDE software is packaged and maintained in the Extra Packages for Enterprise Linux (EPEL) repository for RHEL/CentOS and derivatives.

Notably, the CentOS Hyperscale SIG and the AlmaLinux project both offer live media ISOs using KDE Plasma on their distributions.

- CentOS Hyperscale:  
<https://sigs.centos.org/hyperscale/content/spins/workstation/>
- AlmaLinux:  
<https://wiki.almalinux.org/LiveMedia.html>



# EPEL

# The Road to Edition...

# Fedora KDE SIG Revival

- After some cleanup of the Fedora KDE venues, Rex lets me lead Fedora KDE
- Governance changes to enable more active project development and maintenance, including [adopting a SIG task tracker](#) for coordination and planning.
- All SIG created tooling, scripts, and documentation are centralized and group-maintained.
- Regular meetings re-established to align SIG members on actionable work.
  - Initially IRC meetings, moved to video meetings to improve focus and productivity



# Fedora KDE SIG Building a Roadmap and Vision

- A real roadmap was built for Fedora KDE, aiming to make Fedora KDE the best experience leveraging the latest technologies for the Linux desktop (particularly the focus toward Wayland)
  - Announced to the wider community at [Akademy 2020](#)
- The vision drives growth in contributors and a successful re-engagement with KDE upstream.
- Fedora Kinoite (as a KDE flavor Fedora Atomic variant [released with Fedora 35](#)) is [introduced at Akademy 2021](#).
- Fedora sponsors Akademy 2021 and 2022 😊

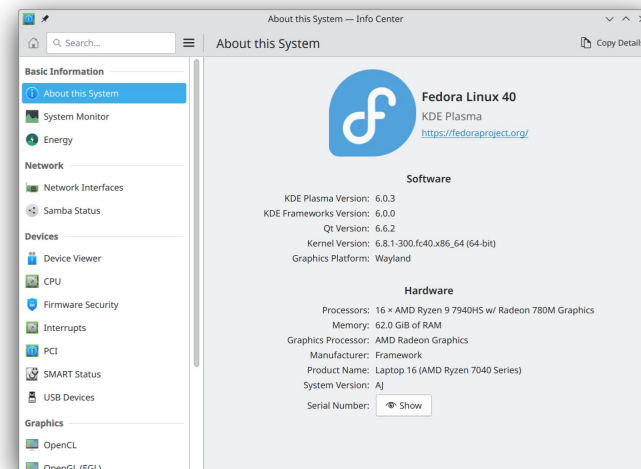


# Fedora KDE Driving the Future

With the roadmap for Fedora KDE aligned with efforts by the KDE community around Wayland, it was natural to collaborate on implementation and establish a tight feedback loop to ensure its success.

Fedora was [the first distribution to make the switch to Wayland for KDE Plasma with Fedora Linux 34](#). The three years between then and Fedora Linux 40 with KDE Plasma 6.0 established confidence in Plasma Wayland to make it the default for Plasma 6.0 upstream. Everyone has benefited from this and it has resulted in KDE becoming the leader in the Wayland world.

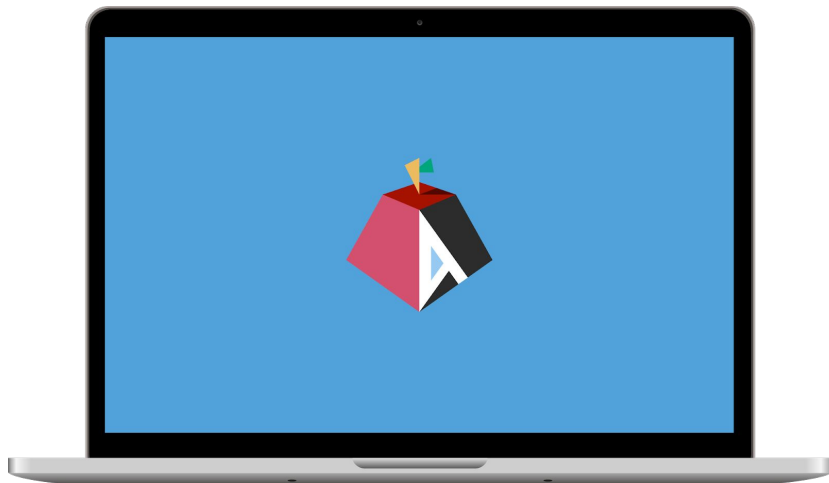
Fedora KDE continues to anticipate the future: [The Fedora KDE SIG no longer ships KDE Plasma with an X11 session with Fedora Linux 40](#), and this carried over to EPEL for CentOS/RHEL 10.



# Fedora KDE ARMinG and POWERing up

As part of expanding the availability of KDE Plasma technology, Fedora KDE has worked with other Fedora teams to enable production support for new platforms:

- The Asahi Linux project with the Fedora Asahi SIG leverages Fedora KDE Plasma Desktop for its flagship variant of the [Fedora Asahi Remix](#). This led to [Fedora KDE making ARM a release-blocking architecture](#).
- Fedora PowerPC SIG contributed patches to Fedora Qt to enable QtWebEngine on POWER systems and allow Fedora KDE images to be made for Power Systems (like the Talos Workstation).



# Fedora KDE Plasma Desktop Edition!

After the Akademy and Flock events last year, the request to promote the Fedora KDE spin to a top-level edition was submitted and accepted.

[Fedora Linux 42 became the release introducing the Fedora KDE Plasma Desktop Edition!](#)

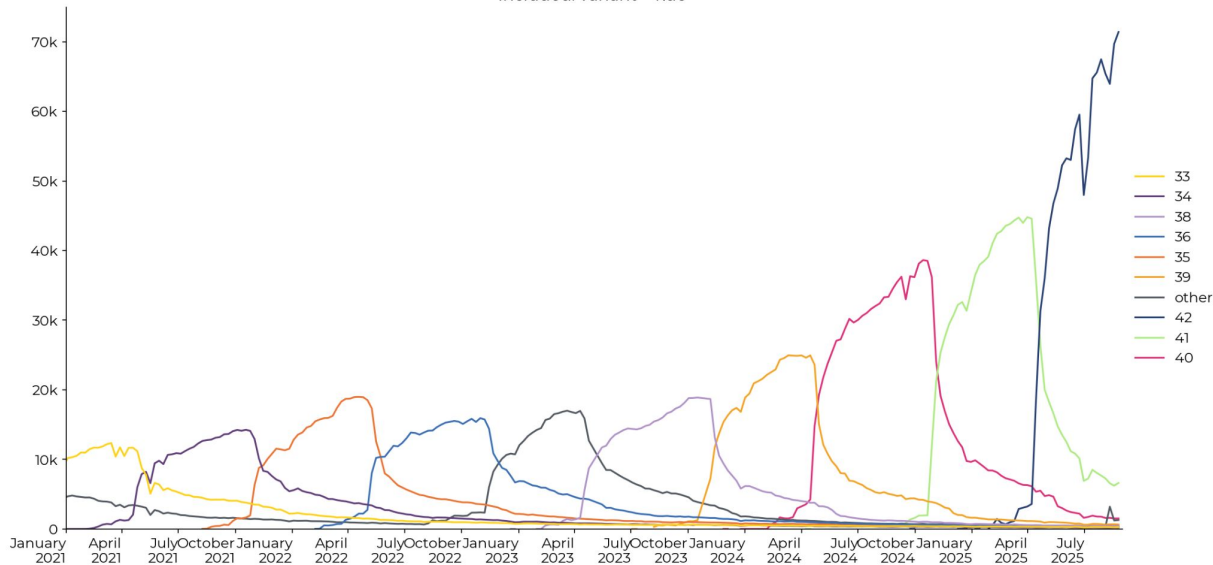
The branding and marketing updates were collaboratively done with assistance from KDE developers. 😊



# Fedora KDE by the numbers

Fedora Linux systems: release weekly checkins

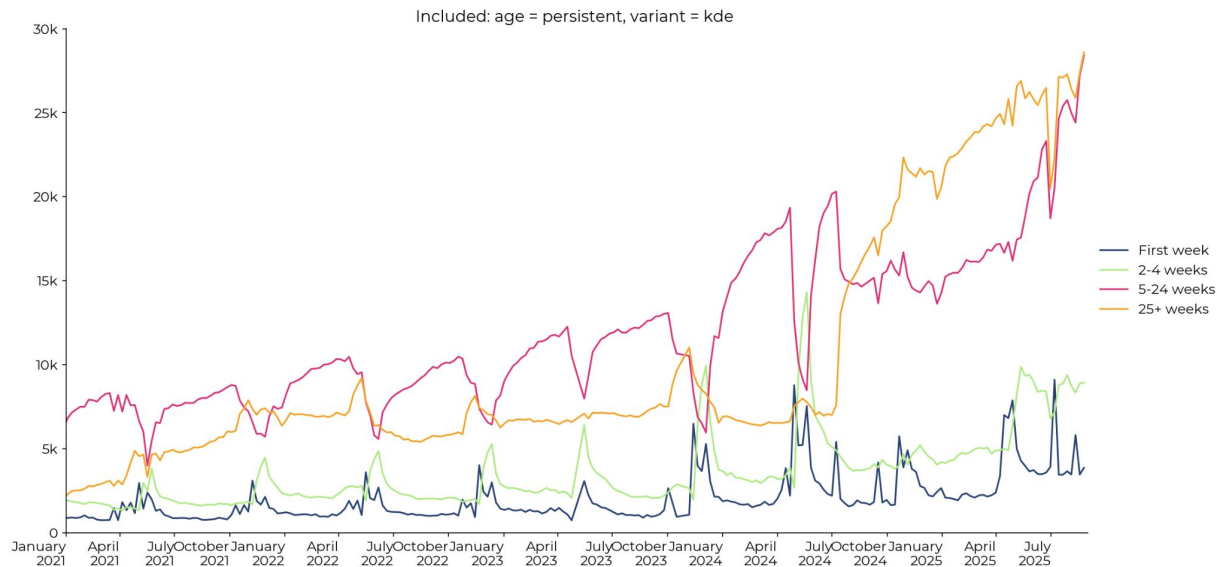
Included: variant = kde





# Fedora KDE by the numbers

## Fedora Linux systems: age category weekly checkins



# The Future

# Fedora KDE takes some RISC(-V)

RISC-V has become very important for Fedora, and naturally Fedora KDE is interested and engaged on this front.

Fedora KDE is working with the Fedora RISC-V SIG to offer support for Fedora KDE Plasma Desktop Edition on RISC-V as soon as possible. The Fedora-V Force group has made early images for select boards available as of last week on [images.fedoravforce.org](https://images.fedoravforce.org).

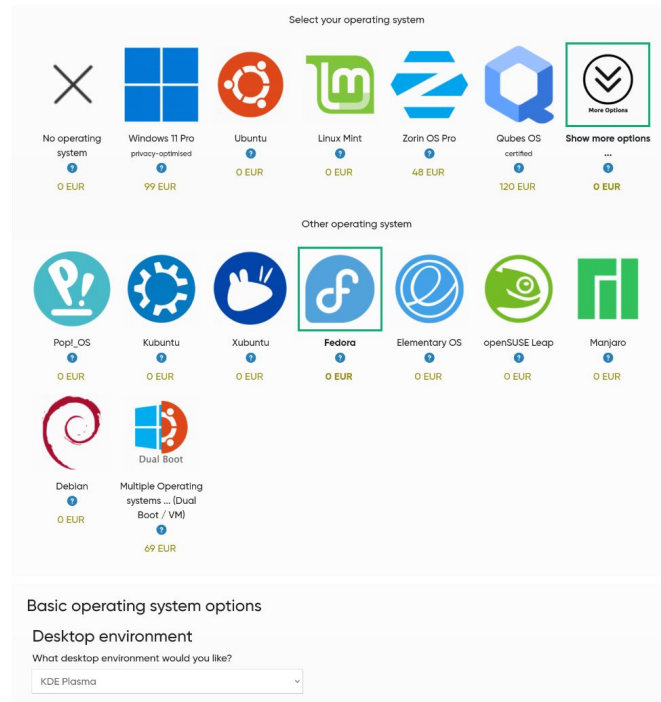


# Fedora KDE preloaded on computers

The easiest way for people to experience Linux is to have a computer that comes with it out of the box. Everything works and there's trust everything will continue to work. As the team behind the Fedora KDE Plasma Desktop Edition, discussions are actively taking place with various PC manufacturers about supporting and offering Fedora KDE Plasma Desktop Edition.

As of today, Fedora KDE Plasma Desktop Edition is officially offered as an option for [NovaCustom](#) computers!

Our priority is to engage with KDE to improve the “out of box experience” for Fedora KDE Plasma.



# Fedora KDE for Mobile

The next frontier for Fedora KDE is going to be mobile devices. These are the next generation of common computing devices that people will want to have a powerful, flexible, and *personal* computing experience.

Thus there is now a budding spin aimed at delivering a high quality KDE Plasma Mobile experience!

- Currently targeting tablets and foldable laptops
  - Still trying to identify a supportable phone device!
- Shipped as a live media ISO for 64-bit x86 and ARM systems and a disk image for 64-bit ARM systems
  - Available from [fedoraproject.org/spins/kde-mobile](https://fedoraproject.org/spins/kde-mobile)
- Kinoite mobile variant in the works too!


















# Fedora KDE with You?

The Fedora KDE SIG is open to new contributors interested in building the future of the Linux desktop!

- Project issue tracker: [pagure.io/fedora-kde/SIG](https://pagure.io/fedora-kde/SIG)
- Mailing list: [kde@lists.fedoraproject.org](mailto:kde@lists.fedoraproject.org)
- Matrix: [#kde:fedoraproject.org](https://matrix.fedoraproject.org/#kde:fedoraproject.org)

## Members

add user...

 <b>aleasto</b> Alessandro Astone	 <b>farchord</b> Steve Cossette	 <b>herzenschein</b> Thiago Sueto	 <b>jgrulich</b> Jan Grulich
 <b>jreznik</b> Jaroslav Reznik	 <b>loise</b> Marie Loise Nolden	 <b>marcdeop</b> Marc Deop	 <b>mkylal</b> Martin Kyräl
 <b>ngompa</b> Neal Gomba	 <b>rdieter</b> Rex Dieter	 <b>salimma</b> Michel Lind	 <b>siosm</b> Timothée Ravier
 <b>tdawson</b> Troy Dawson	 <b>than</b> Than Ngo	 <b>thunderbirdtr</b> Onuralp SEZER	

# The End

[www.velocitylimitless.com](http://www.velocitylimitless.com)