fedora

35 Fedora Releases in 30 Minutes

Matthew Miller

Open Source Summit

September, 2021

Seattle, Washington

Who is this guy? No time to explain!

Fedora Project Leader and Distinguished Engineer at Red Hat.

I have opinions and sometimes they're good or useful.

Follow me at **@mattdm** on Twitter for Fedora stuff plus ADHD thoughts, random retweets, and the normal twittery stuff.

Follow just **@fedora** if you prefer a no-nonsense Fedora feed.

Also find me as mattdm in various Fedora spaces, like

https://chat.fedoraproject.org

https://discussion.fedoraproject.org

So many releases, so little time.

We'll start with FC1, not the prehistory.

That's a different talk.

Release name and number

Trivia about the name.

Key bits of information about the release.

And interesting community stuff from that time.

A screenshot over here ➜

↑ Highlights, technical and otherwise

↘ Some dates and numbers and stuff

Fedora Core 1 Release Notes

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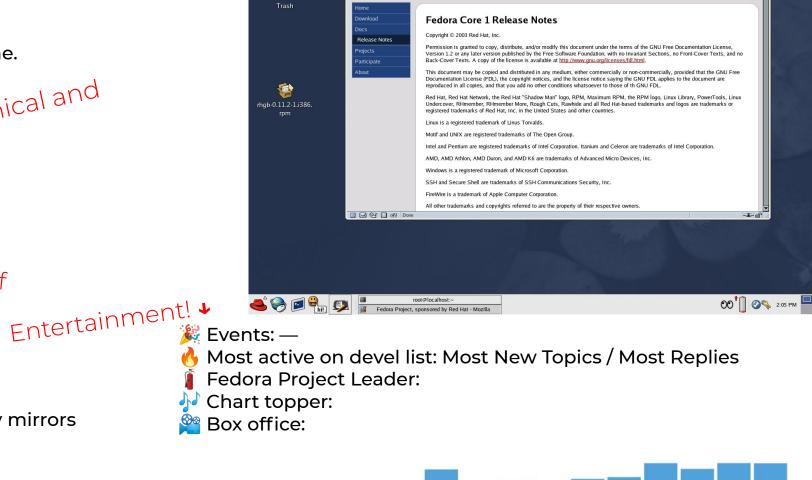
📅 release date
🌅 days since last release
✨ days since Fedora Project first announced
🐧 kernel version
📦 count of source packages at release time
🗼 CPU architectures on the main or secondary mirrors

Entertainment! ↓

🎉 Events: —
🔥 Most active on devel list: Most New Topics / Most Replies
🧯 Fedora Project Leader:
🎶 Chart topper:
🎬 Box office:

Relative peak popularity ↓

Here we go.

Fedora Core 1 (Yarrow)

Fedora Core 1 (Yarrow)

Yarrow is a river in the Glen Ives Severn region of Australia; Severn was the name of the last Red Hat Linux beta release.

Basically what would have been Red Hat Linux 10.

Announced by Bill Nottingham, and the mailing list message is literally exactly a Red Hat press release.

Appeared on ftp://fedora.redhat.com, while Fedora Extras packages were still over at http://fedora.us.

Key early turning point: community member Justin Forbes makes a 64-bit version (x86_64), and Fedora says "yes".

📅 released November 5, 2003
🌅 — (219 days since last Red Hat Linux)
🍼 44 days since Fedora Project first announced
🐧 2.4.22 kernel version
📦 875 core / 232 extras (at fedora.us) source packages
🗼 i386, x86_64 (released later)
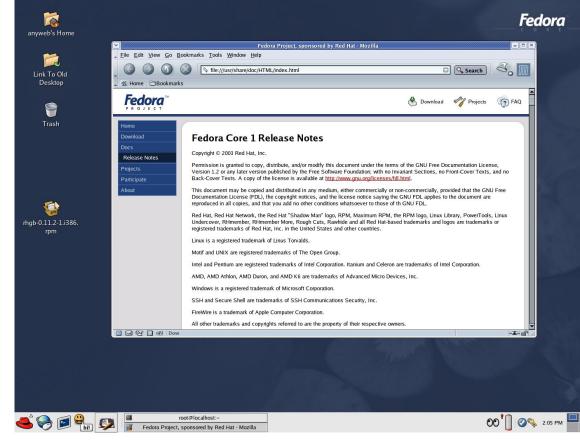
🎉 Events: —
🔥 Most active on devel list: Jef Spaleta / Nicolas Mailhot
🧯 Fedora Project Leader: Michael Johnson
🎶 Chart topper: Beyoncé, *Baby Boy*
🎬 Box office: *The Matrix Revolutions*

Fedora Core 2 (Tettnang)

Yarrow is a plant that is used as a bittering agent in beer. The city of Tettnang in Germany produces a famous variety of hops.

Another fine release of what would have been RHL.

But what about... these "community" claims?

Red_Hat_PR: We are announcing Fedora Project! A community-driven distribution!
OSS_Crowd: Red_Hat_PR: Neat!
OSS_Crowd: Fedora _RH: so, what can we do to help?
Fedora_RH: OSS_Crowd: uh... file bugs and help test things.
OSS_Crowd: *sigh*... didn't we always do that?
Fedora_RH: OSS_Crowd: I know, let's all go in the circle and say our names.
*oss_crowd goes in the circle and says their names. This lasts several months. *
Fedora_RH: So, there will be the following features in the next release of Fedora Core.
OSS_Crowd: Uh... Hold on. Who gets to decide?
RH_Sales: We do. That stuff will be neato for RHEL-4.
OSS_Crowd: Mmkay, then. When do *we* get to suggest things?
Fedora_RH: OSS_Crowd: feel free to talk among yourselves.
*oss_crowd talks among themselves about new features. *
Fedora_RH: btw, feature X will be disabled in the release.

📅 released May 18th, 2004
🌅 195 days since last release
✨ 239 days since Fedora Project first announced
🐧 2.6.5 kernel version
📦 947 core / 264 extras (at fedora.us) source packages
🗼 i386, x86_64 (simultaneously!)

🎉 Events: —
🔥 Most active on devel list: Jef Spaleta / Alan Cox
🧯 Fedora Project Leader: Cristian Gafton
🎶 Chart topper: Usher, *Yeah!*
🎬 Box office: *Shrek 2*

Fedora Core 3 (Heidelberg)
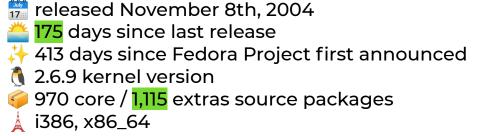
Fedora Core 3 (Heidelberg)

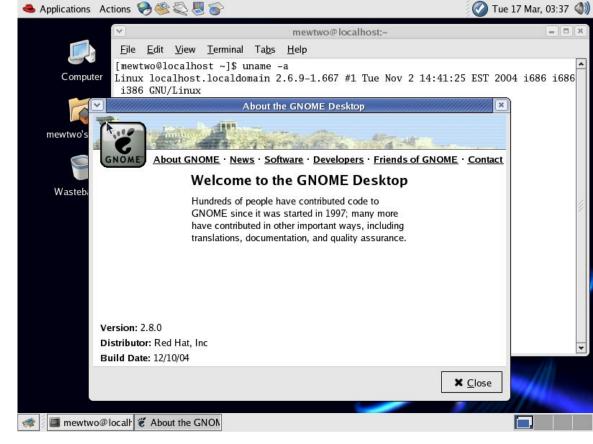*Tettnang is a city in Germany; Heidelberg is another.*

SELinux "targeted" policy.

Fedora Extras really ramps up.

But still no central build system.

Fedora Legacy attempts to keep RHL 8 and RHL 9 alive, and plans to make Fedora LTS releases.

📅 released November 8th, 2004
🌅 175 days since last release
✨ 413 days since Fedora Project first announced
🐧 2.6.9 kernel version
📦 970 core / 1,115 extras source packages
🗼 i386, x86_64

🎉 Events: —
🔥 Most active on devel list: Brian Smith / Alan Cox
🧯 Fedora Project Leader: Cristian Gafton
🎶 Chart topper: Usher and Alicia Keys, *My Boo*
🎬 Box office: *The Incredibles*

Fedora Core 4 (Stentz)

Heidelberg is a brand of beer; Stentz is a French winery.

This was, technically, a terrible release.

But community things started to happen!

Fedora Legacy starts to falls apart, as turns out what people wanted is free long term support for RHL forever. *This was good, actually.*

fedoraproject.org launched, replaces fedora.redhat.com

Fedora Engineering Steering Committee (FESCo) formed in February 2005 at FUDCon Boston

📅 released June 5th, 2005
🌅 209 days since last release
✨ 622 days since Fedora Project first announced
🐧 2.6.11 kernel version
📦 965 core / 1,786 extras source packages
🗼 i386, x86_64, ppc

🎉 Events: FUDCon Boston!
🔥 Most active on devel list: Kyrre Ness Sjøbæk / Seth Vidal
🧯 Fedora Project Leaders: Cristian Gafton, Greg DeKoenigsberg
🎶 Chart topper: Mariah Carey, *We Belong Together*
🎬 Box office: *Madagascar*

Fedora Core 5 (Bordeaux)

Stentz produces wine in France; Bordeaux is a French wine-producing region.

An actual build system for Fedora Extras!

Seth Vidal's "yum" replaces Red Hat's up2date.

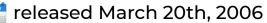Red Hat announces intent to form a Fedora Foundation.

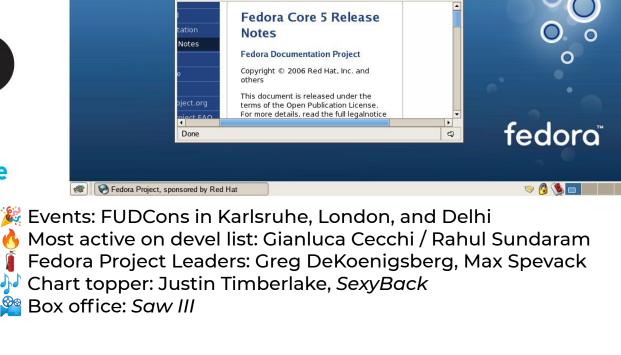**infinity   freedom   voice**

📅 released March 20th, 2006
🌅 288 days since last release
✨ 910 days since Fedora Project first announced
🐧 2.6.15 kernel version
📦 1,157 core / 2,742 extras source packages
🗼 i386, x86_64, ppc

🎉 Events: FUDCons in Karlsruhe, London, and Delhi
🔥 Most active on devel list: Gianluca Cecchi / Rahul Sundaram
🧯 Fedora Project Leaders: Greg DeKoenigsberg, Max Spevack
🎶 Chart topper: Justin Timberlake, *SexyBack*
🎬 Box office: *Saw III*

? ? ? ? ?

Fedora Core 6 (Zod)

Bordeaux is comic book character; so is (General) Zod.

Whoops. No Fedora Foundation after all.

The installer allows 3rd-party repositories — so you don't have to do something extra to enable Extras.

SELinux improvements continue.

One Laptop Per Child collaboration in progress.

"Fedora Advisory Board" becomes an actual real active entity rather than just a mailing list open for comments.

📅 released October 24th, 2006
🌅 218 days since last release
✨ 1,128 days since Fedora Project first announced
🐧 2.6.18 kernel version
📦 1,154 core / 3,303 extras source packages
🗼 i386, x86_64, ppc

🎉 Events: FUDCon Boston 2
🔥 Most active on devel list: Matt Domsch / Rahul Sundaram
🧯 Fedora Project Leader: Max Spevack
🎶 Chart topper: Ne-Yo, *So Sick*
🎬 Box office: *Inside Man*

Fedora 7 (Moonshine)
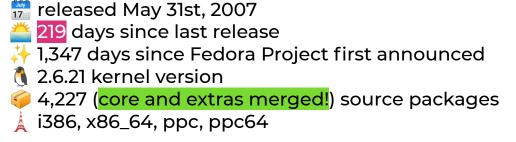
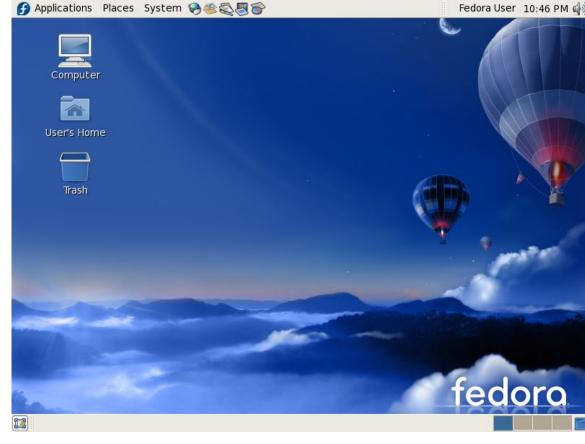*Zod was an indie record label; so was Moonshine.*

The big Core/Extras merge!

Live images: boot and run from CD (!) or USB

FUDCon Boston : Fedora Extra Packages for Enterprise Linux (EPEL)

Also at FUDCon Boston: talk of whether we'd switch the
filesystem to this cool new thing called "btrfs".

📅 released May 31st, 2007
🌅 219 days since last release
✨ 1,347 days since Fedora Project first announced
🐧 2.6.21 kernel version
📦 4,227 (core and extras merged!) source packages
🗼 i386, x86_64, ppc, ppc64

🎉 Events: FUDCons in Boston, Brussels, and Berlin
🔥 Most active on devel list: Matt Domsch / Jesse Keating
🧯 Fedora Project Leader: Max Spevack
🎶 Chart topper: T-Pain, *Buy U a Drank (Shawty Snappin')*
🎬 Box office: *Pirates of the Caribbean: At World's End*

Fedora 8
(Werewolf)

Fedora 8 (Werewolf)

Moonshine and Werewolf are both movies — maybe? Also, you know, the obvious.

In many ways, this was the first *real* community release, planned, tested, and released in a public, open collaboration.

Introduced the "Feature process"

Fedora Art team wallpaper, look and feel.

Fedora Remixes made easier with *generic-logos* package.

Solution-focused "Spins" (first: Fedora Electronic Lab).

Ooh, it has NetworkManager and PulseAudio

📅 released November 8th, 2007
🌅 161 days since last release
✨ 1,508 days since Fedora Project first announced
🐧 2.6.23 kernel version
📦 4,834 source packages
🗼 i386, x86_64, ppc, ppc64

🎉 Events: FUDCon Online (a virtual event!)
🔥 Most active on devel list: Brian Pepple / Jesse Keating
🧯 Fedora Project Leader: Max Spevack
🎶 Chart topper: Soulja Boy Tell'em, *Crank That (Soulja Boy)*
🎬 Box office: *Bee Movie*

Fedora 9 (Sulphur)

Werewolves and sulphur both react badly to silver.

Lots of nifty features!

    Open Source Java — OpenJDK
    Persistent Live USB
    Resize filesystems in the installer
    SELinux confinement for the web browser
    "Preupgrade" tool made upgrades… almost work.

It became clear traditional "init scripts" weren't adequate for a modern desktop. A new init system — Upstart!

📅 released May 13th, 2008
🌅 187 days since last release
✨ 1,695 days since Fedora Project first announced
🐧 2.6.25 kernel version
📦 5,547 source packages
🗼 i386, x86_64, ppc, ppc64 / secondary: sparc, sparc64, ia64

🎉 Events: FUDCon Raleigh
🔥 Most active on devel list: Brian Pepple / Jesse Keating
🧯 Fedora Project Leaders: Max Spevack, Paul Frields
🎵 Chart topper: Leona Lewis, *Bleeding Love*
🎬 Box office: *The Chronicles of Narnia: Prince Caspian*

Fedora 10
(Cambridge)

Fedora 10 (Cambridge)

Sulphur is a city in the US. So is Cambridge.

Lots of desktop features: Wireless sharing, better printing, virtualization storage, security audit tool, PulseAudio rewritten (what could go wrong!), plymouth graphical boot replaces rhgb

Fedora Board and Fedora Marketing team are really active. New marketing with a revised Fedora mission statement and our "Four Foundations":

- Freedom
- Friends
- Features
- First

📅 released November 25th, 2008
🌅 196 days since last release
✨ 1,891 days since Fedora Project first announced
🐧 2.6.27 kernel version
📦 6,406 source packages
🗼 i386, x86_64, ppc, ppc64

🎉 Events: FUDCons in Berlin, Boston, and Brno
🔥 Most active on devel list: Brian Pepple / Jesse Keating
🧯 Fedora Project Leader: Paul Frields
🎶 Chart topper: T.I. featuring Rihanna, *Live Your Life*
🎬 Box office: *Four Christmases*

Fedora 11 (Leonidas)

Cambridge and Leonidas were both ancient kings (and ships in the US Navy).

First major distro to use kernel modesetting for graphics cards

32-bit x86 built for i586 instead of i386. Also hey look mainframes!

ext4 filesystem becomes the default. Talk at FUDCon Boston about whether btrfs should be the default yet.

"yum presto" for delta rpms to save bandwidth.

"20 second startup" feature.

UEFI hardware support.

📅 released June 9th, 2009
🌅 196 days since last release
✨ 2,087 days since Fedora Project first announced
🐧 2.6.29 kernel version
📦 7,446 source packages
🗼 i586, x86_64, ppc, ppc64 / secondary: s390
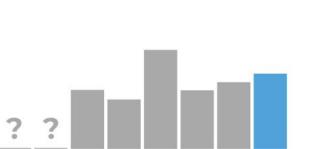
🎉 Events: 4th and final FUDCon Boston
🔥 Most active on devel list: Jesse Keating / Kevin Kofler
🧯 Fedora Project Leader: Paul Frields
🎶 Chart topper: The Black Eyed Peas, *Boom Boom Pow*
🎬 Box office: *The Hangover*
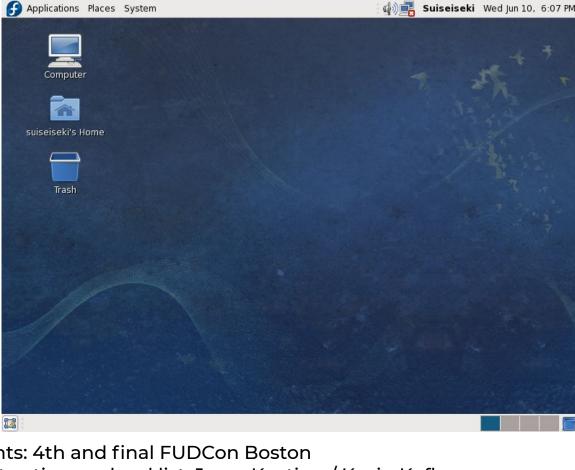
Fedora 12
(Constantine)

Fedora 12 (Constantine)

(Dubious complicated connection related to place names.)

This marks the start of a several-year pattern where the even-numbered releases ended up with a five-month development period.

Was targeted to be even earlier.

Despite schedule trouble, features process was actually working pretty well.
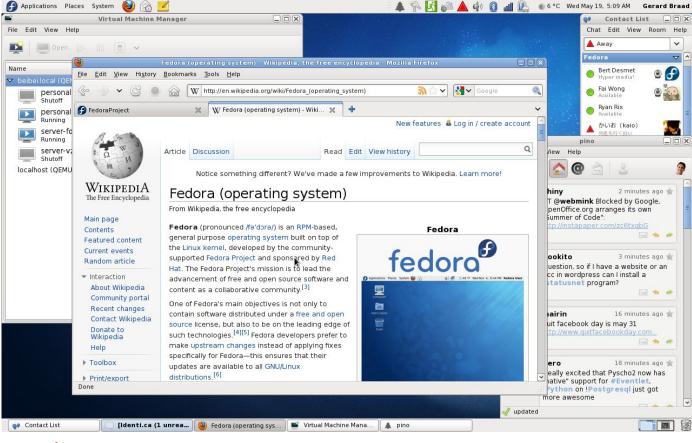
📅 released November 17th, 2009
🌅 161 days since last release
✨ 2,248 days since Fedora Project first announced
🐧 2.6.31 kernel version
📦 8,518 source packages
🗼 i686, x86_64, ppc, ppc64 / secondary: mips, sparc, sparc64

🎉 Events: FUDCons in Porto Alegre and Berlin
🔥 Most active on devel list: Jon Stanley / Kevin Kofler
🧯 Fedora Project Leader: Paul Frields
🎶 Chart topper: Jason DeRulo, *Whatcha Say*
🎬 Box office: *The Twilight Saga: New Moon*

**Fedora 13
(Goddard)**

Fedora 13 (Goddard)

Константи́н Эдуа́рдович Циолко́вский (Konstantin / Constantine Tsiolkovsky) was a rocket scientist, and so was Robert Goddard.

Launched with beautiful new website designed based on the marketing plan — instead of just a wiki.

Really long list of features. Python 3 stands out.

Nvidia cards supported by new open source "nouveau" driver. Maybe that problem of proprietary drivers will finally be behind us.

Seth Vidal, Toshio Kuratomi working on a thing called "Copr" to provide an easier path to making packages available to users quickly.

📅 released May 25th, 2010
🌅 189 days since last release
✨ 2,437 days since Fedora Project first announced
🐧 2.6.33 kernel version
📦 9,152 source packages
🗼 i686, x86_64 / secondary: arm, mips (ppc/ppc64 dropped!)

🎉 Events: FUDCon Toronto
🔥 Most active on devel list: Jesse Keating / Adam Williamson
🧯 Fedora Project Leader: Paul Frields
🎶 Chart topper: Eminem, *Not Afraid*
🎬 Box office: *Shrek Forever After*

Fedora 14 (Laughlin)

Fedora 14 (Laughlin)

Goddard and Laughlin both taught physics.

Lots of new features, new software integrated upstream.

We move package version control from CVS to Git.

Lots of spins! Appliance Operating System, Brazilian OpenOffice, Design Suite, Electronic Lab, Games Spin, Haskell Spin, LXDE, QA Test Day Spin, Security Spin, Sugar on a Stick, XFCE.

Things are really going along quite nicely!
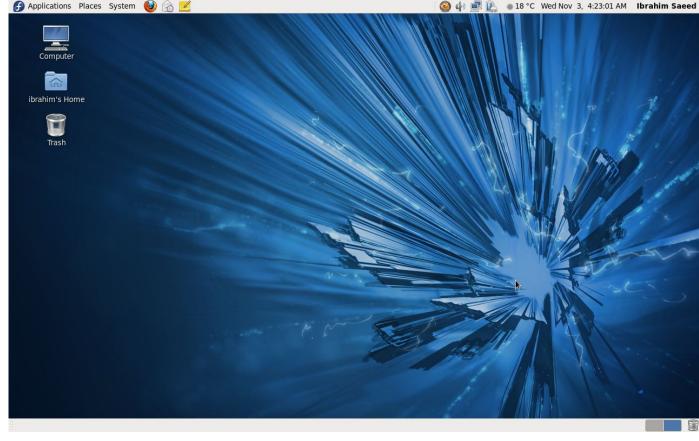
What could go wrong?

📅 released November 2nd, 2010
🌅 161 days since last release
✨ 2,598 days since Fedora Project first announced
🐧 2.6.35 kernel version
📦 9,746 source packages
🗼 i686, x86_64 / secondary: arm

🎉 Events: FUDCons in Santiago de Chile and Zurich
🔥 Most active on devel list: John Poelstra / Adam Williamson
🧯 Fedora Project Leaders: Paul Frields, Jared Smith
🎶 Chart topper: Far East Movement, *Like a G6*
🎬 Box office: *Megamind*

Fedora 15
(Lovelock)

Fedora 15 (Lovelock)

Both cities in Nevada. (Yes, we did "both cities!" before.)

OMG! systemd!

OMG! GNOME 3!

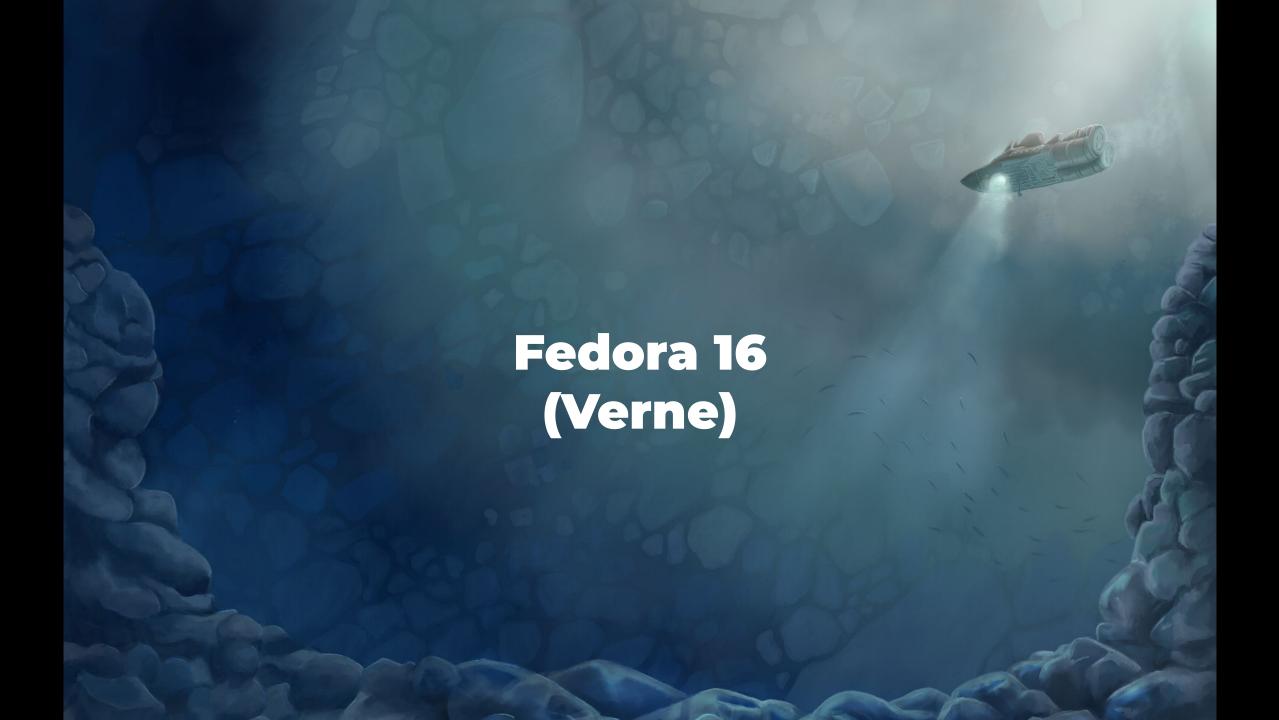To put it mildly: this turned out to be a lot of change for end-users to absorb all at once.

📅 released May 24th, 2011
🌅 **203** days since last release
✨ 2,801 days since Fedora Project first announced
🐧 2.6.38 kernel version
📦 10,412 source packages
🗼 i686, x86_64 / arm, armhfp, ppc, ppc64, s390, s390x

🎉 Events: FUDCon Tempe (Arizona)
🔥 Most active on devel list: Kevin Fenzi / Adam Williamson
🧯 Fedora Project Leader: Jared Smith
🎶 Chart topper: Rihanna featuring Britney Spears, *S&M*
🎬 Box office: *Thor*

Fedora 16
(Verne)

Fedora 16 (Verne)

Lovelock and Verne both wrote about the future.

Despite the gloomy feel, actually pretty solid.
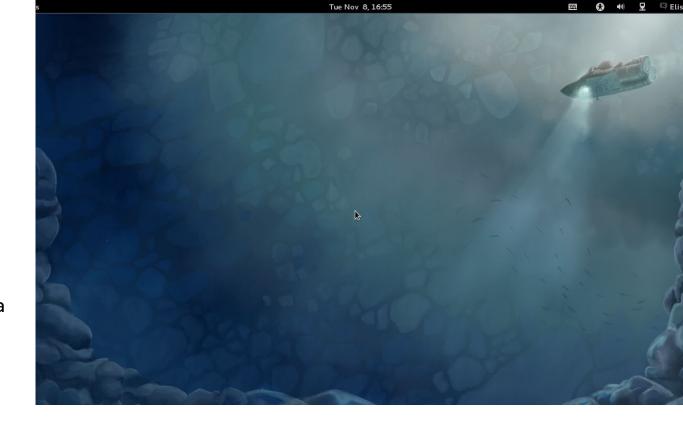
Gnome 3 got some polish based on user feedback.

systemd improved by leaps and bounds.

Btrfs again considered as default filesystem.

A really good thing did happen in this timeframe:
we did away with the Contributor License Agreement. (Fedora
hasn't required a CLA for contribution for over a decade now!)

📅 released November 8th, 2011
🌅 168 days since last release
✨ 2,969 days since Fedora Project first announced
🐧 3.1 kernel version
📦 10,929 source packages
🗼 i686, x86_64 / ppc, ppc64, s390, s390x

🎉 Events: FUDCons in Ciudad del Saber, Milan, and Pune
🔥 Most active on devel list: Adam Williamson / Adam Williamson
🧯 Fedora Project Leader: Jared Smith
🎶 Chart topper: Adele, *Someone Like You*
🎬 Box office: *Immortals*

Fedora 17
(Beefy Miracle)

Like the winning candidate, Verne, the name "Beefy Miracle" was suggested for Fedora 16.

Sure, there are features, and we did a thing called "UsrMove". But is that stuff what really matters?
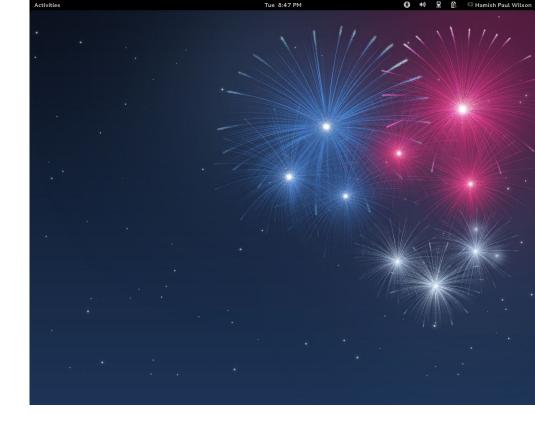
📅 released May 29, 2012
🌅 203 days since last release
✨ 3,172 days since Fedora Project first announced
🐧 3.3.4 kernel version
📦 11,614 source packages
🗼 i686, x86_64 / arm, armhfp, ppc, ppc64, s390, s390x

🎉 Events: FUDCon Blacksburg (Virginia)
🔥 Most active on devel list: Adam Williamson / Adam Williamson
🧯 Fedora Project Leader: Robyn Bergeron
🎶 Chart topper: Gotye, *Somebody That I Used to Know*
🎬 Box office: *Snow White and the Huntsman*

Fedora 18 (Spherical Cow)

Spherical Cows and Beefy Miracles are imaginary creatures.

Soooo, this was kind of a mess.

The installer — Anaconda — needed a rewrite, and that was a job that took longer than one release.

OMG at the last minute the team realized that *no one had thought about upgrades*, and "fedup" was born.

Btrfs again considered as default filesystem.

📅 released January 15, 2013
🏖️ 231 days since last release
✨ 3,403 days since Fedora Project first announced
🐧 3.6.10 kernel version
📦 12,614 source packages
🗼 i686, x86_64 / arm, armhfp, ppc, ppc64, s390, s390x

🎉 Events: FUDCons in Kuala Lumpur, Valencia (Venezuela), Paris
🔥 Most active on devel list: Adam Williamson / Adam Williamson
🧯 Fedora Project Leader: Robyn Bergeron
🎶 Chart topper: Bruno Mars, *Locked Out of Heaven*
🎬 Box office: *Mama*

Fedora 19 (Schrödinger's Cat)

Spherical cows and Schrödinger's Cat are thought-experiments in physics.

You might think it'd be the unicode ö in the name that would break text processing assumptions in scripts — and it did. But the apostrophe was worse.

Days after this release came out, Seth Vidal was killed by a hit-and-run driver.

We miss you, Seth.

📅 released July 02, 2013
🌅 168 days since last release
✨ 3,571 days since Fedora Project first announced
🐧 3.9.5 kernel version
📦 13,606 source packages
🗼 i686, x86_64 / arm, armhfp, ppc, ppc64, s390, s390x

🎉 Events: FUDCon Lawrence (Kansas)
🔥 Most active on devel list: Jaroslav Reznik / Adam Williamson
🧯 Fedora Project Leader: Robyn Bergeron
🎶 Chart topper: Robin Thicke, *Blurred Lines*
🎬 Box office: *Despicable Me 2*

Fedora 20
(Heisenbug)

Fedora 20 (Heisenbug)

Like Schrödinger's Cat, a "heisenbug" resists direct study.

Ten year anniversary!

This lead to **Fedora.next**: time to think about the plan for the next decade — or at least the next 5 years.

My "Fedora Rings" talk, and
Stephen Gallagher's "3 Editions" idea.

Fedora.next was lead by FESCo, and approved by the Fedora Board.

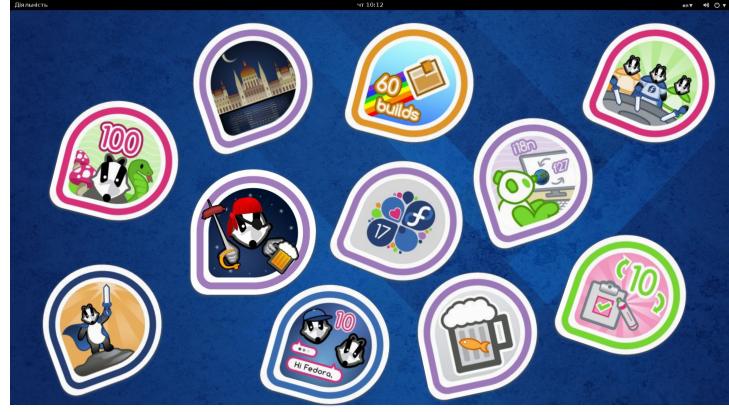Fedora Badges — gamification for contributors!

📅 released December 17, 2013
🌅 168 days since last release
✨ 3,739 days since Fedora Project first announced
🐧 3.11.10 kernel version
📦 14,364 source packages
🗼 i686, x86_64, armhfp / ppc64, ppc64le, s390, s390x

🎉 Events: Flock to Fedora Charleston and FUDCon Cusco
🔥 Most active on devel list: Adam Williamson / Adam Williamson
🧯 Fedora Project Leader: Robyn Bergeron
🎶 Chart topper: Miley Cyrus, *Wrecking Ball*
🎬 Box office: *The Hobbit: The Desolation of Smaug*

Fedora Linux 21

Fedora Linux 21

In which we stop playing the name game.

One year later...

Launch of Get Fedora site — https://getfedora.org/

A lot of people were skeptical. That's fair. As we definitely learned, big change is hard.

But this idea *really worked*.

Also around this time: we started participating in GNOME Outreach Program for Women, now Outreachy
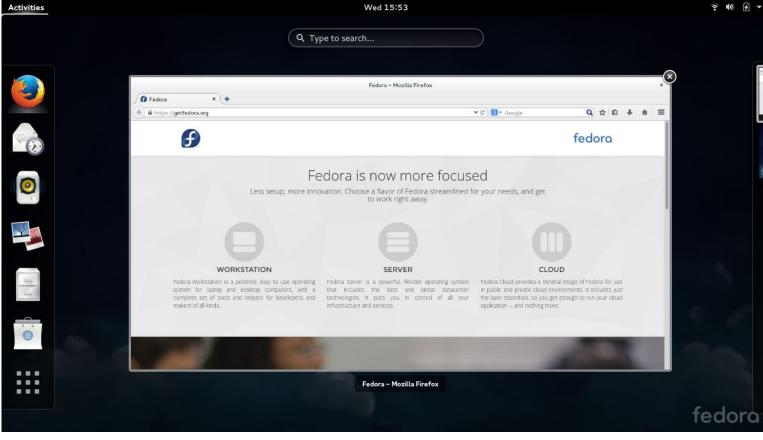
📅 released December 9, 2014
🌅 357 days since last release (but we did it on purpose!)
✨ 4,096 days since Fedora Project first announced
🐧 3.17.4 kernel version
📦 15,842 source packages
🗼 i686, x86_64, armhfp / aarch64, ppc64, ppc64le, s390, s390x

🎉 Events: Flock Prague, FUDCons in Managua and Beijing
🔥 Most active on devel list: Jaroslav Reznik / Harald Reindl
🧯 Fedora Project Leaders: Robyn Bergeron, Matthew Miller
🎶 Chart topper: Taylor Swift, *Shake It Off*
🎬 Box office: *Exodus: Gods and Kings*
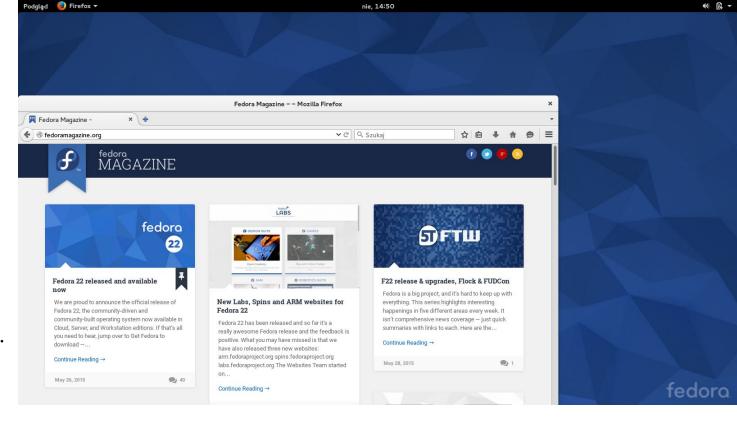
Fedora Linux 22

Fedora Linux 22

Introducing the Fedora Council:
Active leadership, not in-reserve judgment

Identify the
*   short, medium, and*
*   long term goals*
of the Fedora community
*   and*
to organize and enable the project
to best achieve them

No more exclusive Red Hat Veto: full consensus model.
Mix of elected and appointed seats, plus Objective leads.

Also: DNF replaces yum for package management

📅 released May 26, 2015
🌅 168 days since last release
✨ 4,264 days since Fedora Project first announced
🐧 4.0.4 kernel version
📦 16,565 source packages
🗼 i686, x86_64, armhfp / aarch64, ppc64, ppc64le, s390, s390x

🎉 Events: —
🔥 Most active on devel list: Adam Williamson / Harald Reindl
🧯 FPL: Matthew Miller   🎂 FCAIC: Remy DeCausemaker
🎶 Chart topper: Wiz Khalifa featuring Charlie Puth, *See You Again*
🎬 Box office: *San Andreas*
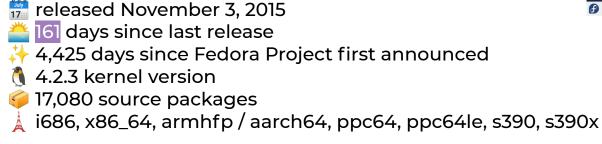
Fedora Linux 23

Fedora Linux 23

First Diversity and Inclusion Advisor:
    Maria "tatica" Leandro

Fedora Atomic Host
    Actually I'm cheating — this launched with
    F22 but I couldn't fit it on the slide.

    Also in F22: Features process refined as
    Changes Process. Many things become more
    lightweight.

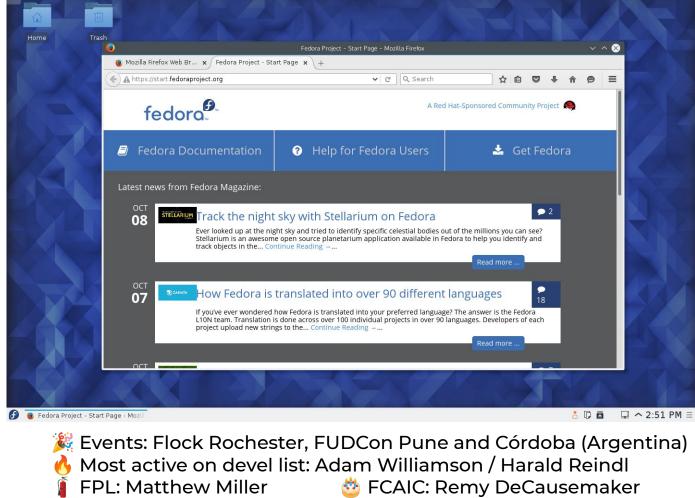F23 thing: DNF system upgrade replaces fedup

📅 released November 3, 2015
🌅 161 days since last release
✨ 4,425 days since Fedora Project first announced
🐧 4.2.3 kernel version
📦 17,080 source packages
🗼 i686, x86_64, armhfp / aarch64, ppc64, ppc64le, s390, s390x

🎉 Events: Flock Rochester, FUDCon Pune and Córdoba (Argentina)
🔥 Most active on devel list: Adam Williamson / Harald Reindl
🧯 FPL: Matthew Miller   🎂 FCAIC: Remy DeCausemaker
🎶 Chart topper: The Weeknd, *The Hills*
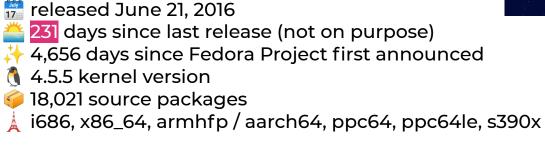🎬 Box office: *Spectre*

Fedora Linux 24
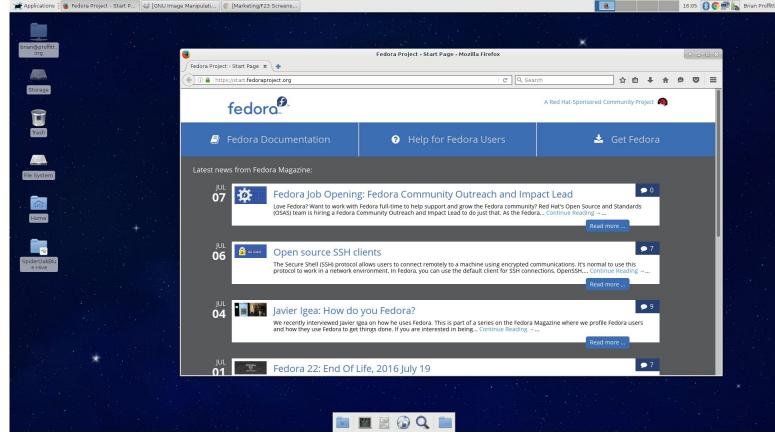
Fedora Linux 24

Growth continues.

We tried some marketing initiatives around the Python programming communities and Linux in universities.

We still need help with marketing.

Work on things like Flatpak

Project Atomic awesome but not ruling the world

📅 released June 21, 2016
🌅 231 days since last release (not on purpose)
✨ 4,656 days since Fedora Project first announced
🐧 4.5.5 kernel version
📦 18,021 source packages
🗼 i686, x86_64, armhfp / aarch64, ppc64, ppc64le, s390x

🎉 Events: — 🙀
🔥 Most active on devel list: Jan Kuřík / Kevin Fenzi
🧯 FPL: Matthew Miller   🎂 FCAIC: Remy DeCausemaker
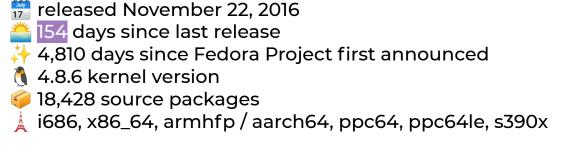🎶 Chart topper: Drake, *One Dance*
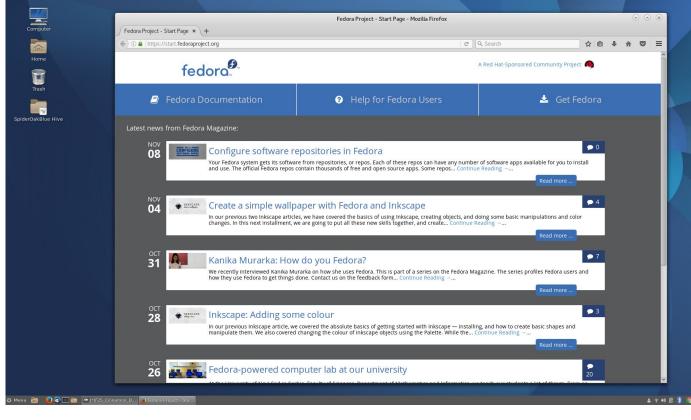🎬 Box office: *Finding Dory*

Fedora Linux 25

Fedora Linux 25

Really, really short release cycle.

Fedora Media Writer default download for Windows and Mac users

Wayland graphics system now the default for Fedora Workstation.

"Secondary" architectures now merged into using the same build process.

📅 released November 22, 2016
🌅 154 days since last release
✨ 4,810 days since Fedora Project first announced
🐧 4.8.6 kernel version
📦 18,428 source packages
🗼 i686, x86_64, armhfp / aarch64, ppc64, ppc64le, s390x

🎉 Events: Flock Kraków, FUDCons in Puno (Peru) and Phnom Penh
🔥 Most active on devel list: Jan Kuřík / Adam Williamson
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: The Chainsmokers featuring Halsey, *Closer*
🎥 Box office: *Moana*

Fedora Linux 26
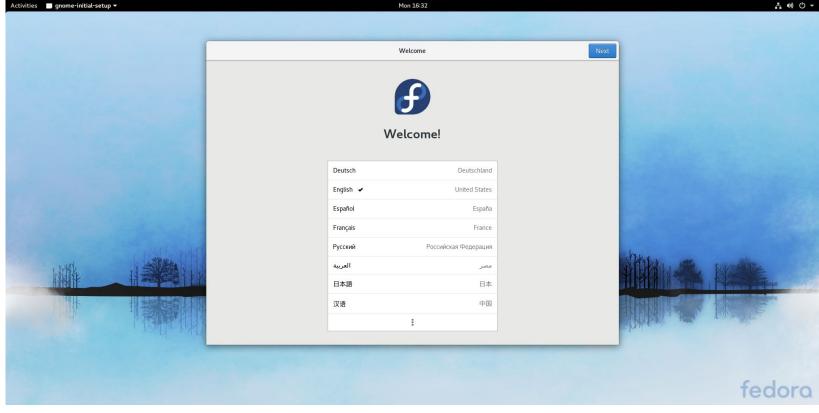
Fedora Linux 26

New mission statement:

Fedora creates an innovative platform for hardware, clouds, and containers that enables software developers and community members to build tailored solutions for their users.

Behind the scenes... Modularity.

The goal: make it easy for packagers to provide multiple different versions of software stacks so different solutions can be built from the specific ones they need.

Also: mp3 support!

📅 released July 11, 2017
🌅 231 days since last release
✨ 5,041 days since Fedora Project first announced
🐧 4.11.8 kernel version
📦 19,195 source packages
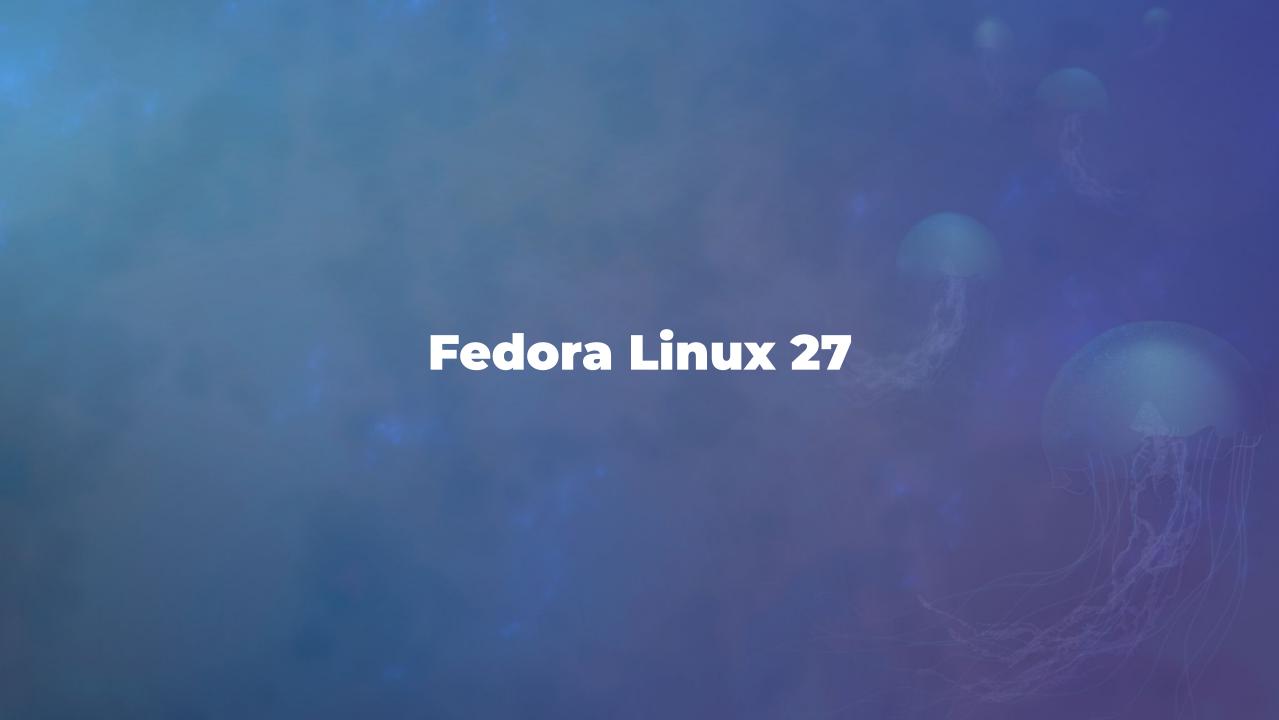🗼 x86_64, armhfp / aarch64, i686, ppc64, ppc64le, s390x

🎉 Events: —
🔥 Most active on devel list: Jan Kuřík / Adam Williamson
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: Luis Fonsi and Daddy Yankee, *Despacito*
🎬 Box office: *War for the Planet of the Apes*

Fedora Linux 27

Fedora Linux 27

Only four months from F26!

Fedora Server and Modularity really rough.

"It feels like everything is on fire, and not in a good way."

— someone on devel list
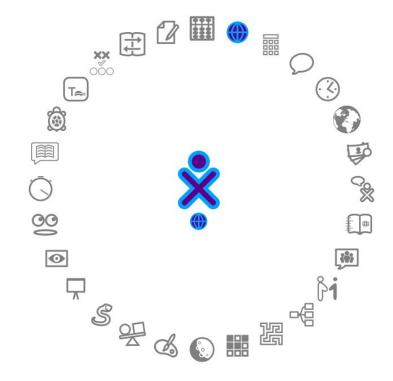a few days ago

📅 released November 14, 2017
🌅 126 days since last release
✨ 5,167 days since Fedora Project first announced
🐧 4.13.9 kernel version
📦 19,664 source packages
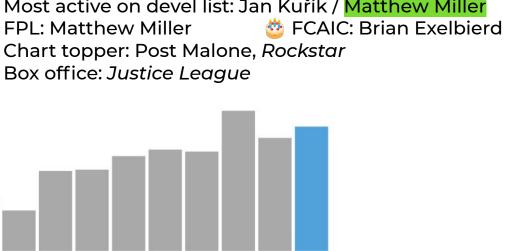🗼 x86_64, armhfp / aarch64, i686, ppc64, ppc64le, s390x

🎉 Events: Flock Hyannis (Massachusetts)
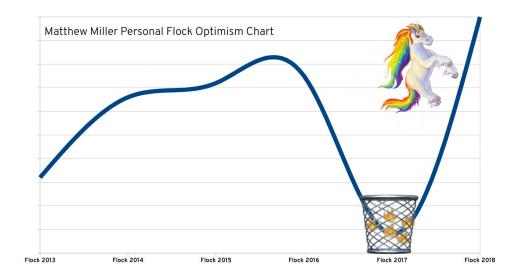🔥 Most active on devel list: Jan Kuřík / Matthew Miller
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: Post Malone, *Rockstar*
🎬 Box office: *Justice League*

Fedora Linux 28

First release *ever* where we met the planned schedule. We've kept that up every release since!

Matthew Miller Personal Flock Optimism Chart

Flock 2013   Flock 2014   Flock 2015   Flock 2016   Flock 2017   Flock 2018
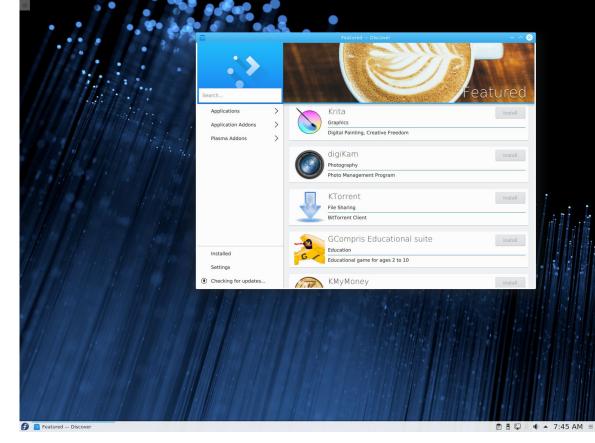

📅 released May 1, 2018
🌅 168 days since last release
✨ 5,335 days since Fedora Project first announced
🐧 4.16.3 kernel version
📦 21,209 source packages (plus 11 in Modular)
🗼 x86_64, armhfp, aarch64 / i686, ppc64, ppc64le, s390x

🎉 Events: —
🔥 Most active on devel list: Jan Kuřík / Adam Williamson
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: Drake, *Nice for What*
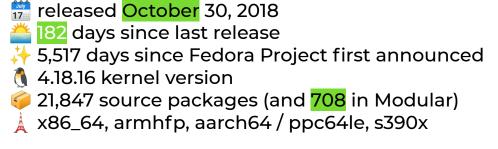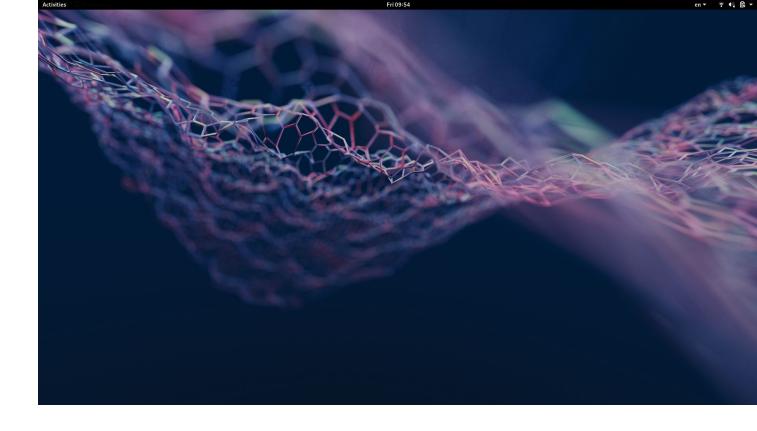🎬 Box office: *Deadpool 2*

Fedora Linux 29

Fedora Linux 29

15 year anniversary.

And we're exactly on schedule again!

And the growth keeps growing!

📅 released October 30, 2018
🌅 182 days since last release
✨ 5,517 days since Fedora Project first announced
🐧 4.18.16 kernel version
📦 21,847 source packages (and 708 in Modular)
🗼 x86_64, armhfp, aarch64 / ppc64le, s390x
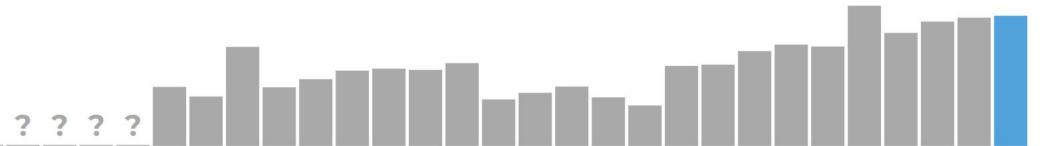
🎉 Events: Flock Dresden
🔥 Most active on devel list: Jan Kuřík / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: Maroon 5 featuring Cardi B, *Girls Like You*
🎬 Box office: *Bohemian Rhapsody*

Fedora Linux 30

Fedora Linux 30

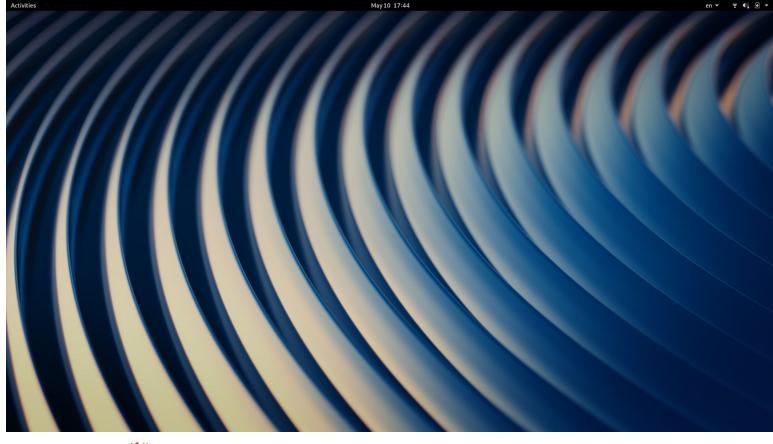Ask Fedora moves to Discourse forum platform

Fedora Silverblue
      formerly Fedora Atomic Workstation
      uses tech made for Fedora Atomic /
      Fedora CoreOS for an desktop system
      which splits the OS from applications

Rawhide gating — making Fedora development better with automated testing

Fedora Council works on a guiding strategy describing how we work to achieve our mission.

📅 released April 29, 2019
🌅 181 days since last release
✨ 5,698 days since Fedora Project first announced
🐧 5.0.9 kernel version
📦 21,292 source packages (and 472 in Modular)
🗼 x86_64, armhfp, aarch64 / i686, ppc64le, s390x

🎉 Events: —
🔥 Most active on devel list: Ben Cotton / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Brian Exelbierd
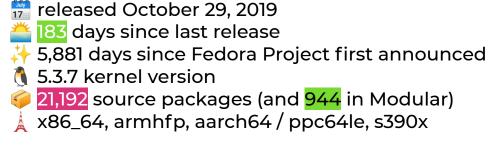🎶 Chart topper: Lil Nas X, *Old Town Road*
🎬 Box office: *John Wick: Chapter 3 – Parabellum*

Fedora Linux 31

Fedora Linux 31

Farewell, 32-bit Intel architecture (i686)

Modularity actually picks up some steam.

Release cycle clockwork continues to tick.

📅 released October 29, 2019
🌅 183 days since last release
✨ 5,881 days since Fedora Project first announced
🐧 5.3.7 kernel version
📦 21,192 source packages (and 944 in Modular)
🗼 x86_64, armhfp, aarch64 / ppc64le, s390x

🎉 Events: Flock Budapest
🔥 Most active on devel list: Miro Hrončok / Miro Hrončok
🧯 FPL: Matthew Miller 🎂 FCAIC: Brian Exelbierd
🎶 Chart topper: Lewis Capaldi, *Someone You Loved*
🎬 Box office: *Terminator: Dark Fate*

Aktivitäten   31. Okt 22:18

Fedora Linux 32

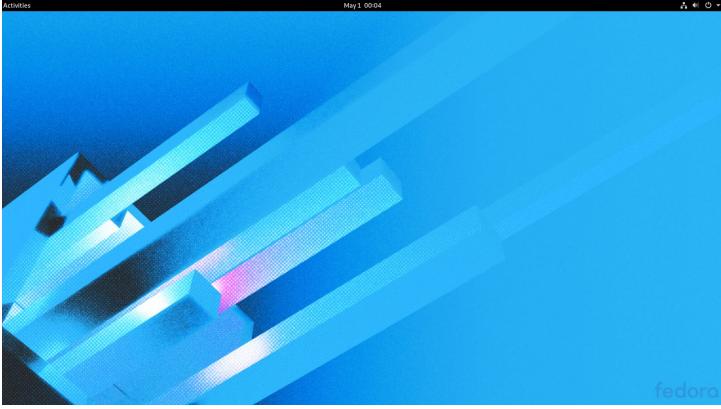# Fedora Linux 32

Hello, Thinkpad!

📅 released April 28, 2020
🌅 182 days since last release
✨ 6,063 days since Fedora Project first announced
🐧 5.6.6 kernel version
📦 20,934 source packages (and 933 in Modular)
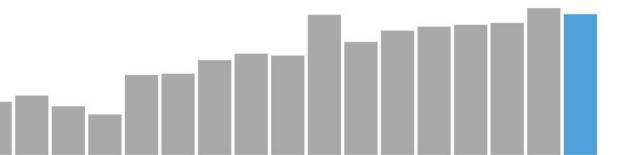🗼 x86_64, armhfp, aarch64 / ppc64le, s390x

🎉 Events: —
🔥 Most active on devel list: Ben Cotton / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Marie Nordin
🎶 Chart topper: The Weeknd, *Blinding Lights*
🎬 Box office: Nope! It's Covid times!

Fedora Linux 33
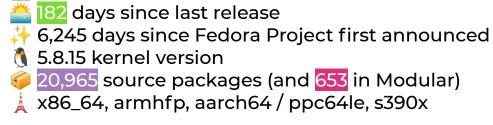
Fedora Linux 33

In which we do not let Covid lockdowns
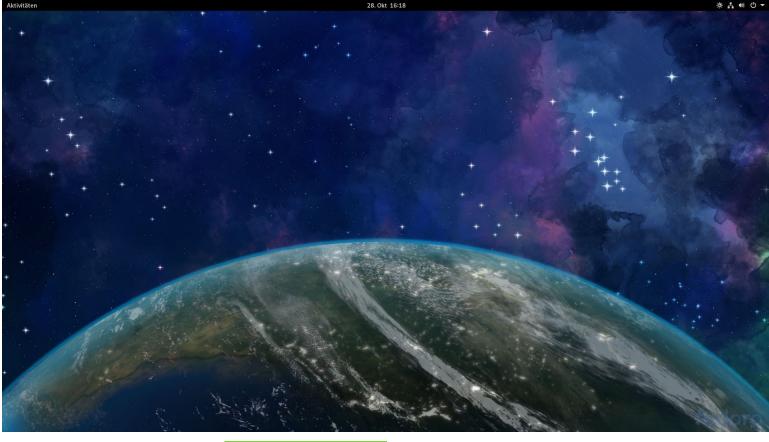lock us down.

Nest was AWESOME.

Not a quiet release: most official Changes ever.

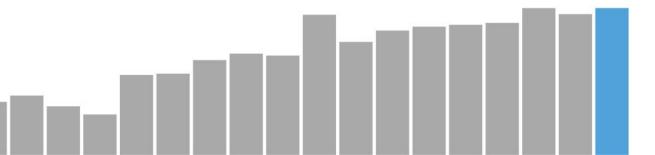We consider btrfs as the default filesystem...

AND WE DO IT

📅 released October 27, 2020
🏖️ 182 days since last release
✨ 6,245 days since Fedora Project first announced
🐧 5.8.15 kernel version
📦 20,965 source packages (and 653 in Modular)
🗼 x86_64, armhfp, aarch64 / ppc64le, s390x

🎉 Events: Nest with Fedora virtual conference
🔥 Most active on devel list: Ben Cotton / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Marie Nordin
🎶 Chart topper: 24kGoldn featuring Iann Dior, *Mood*
🎬 Box office: *Come Play*

Fedora Linux 34

Fedora Linux 34

GNOME 40 makes big changes to the desktop since the first time since the big drama…

…so we were extra careful, as was GNOME upstream. Lots of research, and the results were great.

Not the only change: PipeWire audio and more!

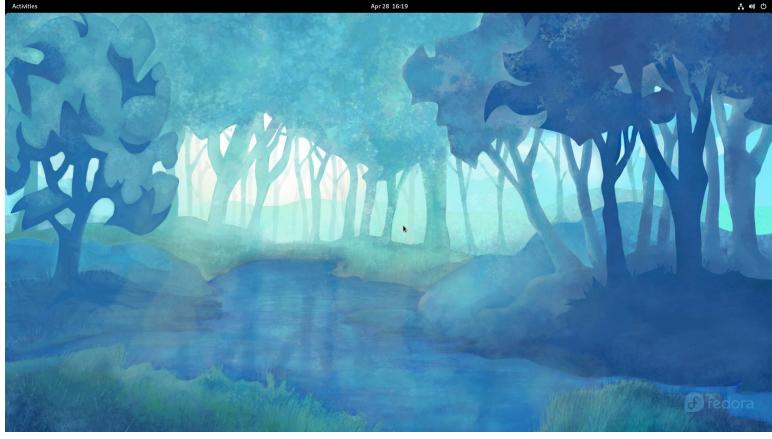New logo finally launches!

🗓️ released April 27, 2021
🌅 182 days since last release
✨ 6,472 days since Fedora Project first announced
🐧 5.11.12 kernel version
📦 22,063 source packages (and 723 in Modular)
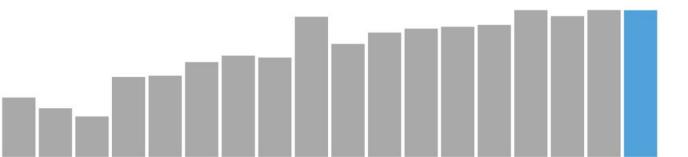🗼 x86_64, armhfp, aarch64 / ppc64le, s390x

🎉 Events: Fedora 34 Release Party (global virtual event)
🔥 Most active on devel list: Ben Cotton / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Marie Nordin
🎶 Chart topper: Polo G, *Rapstar*
🎬 Box office: *Godzilla vs. Kong*

Fedora Linux 35
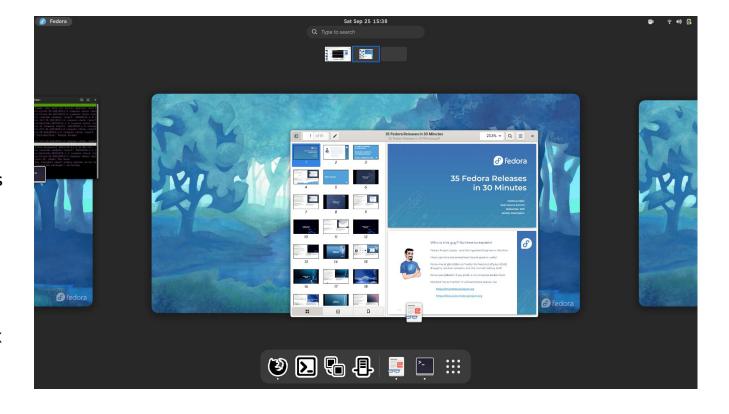
Fedora Linux 35

Beta release is tomorrow!

It's what I'm running right now. Definitely our best release ever, again.

Can we keep the unbroken streak of on-time releases almost exactly half-a-year apart?

Launching Matrix chat as primary chat platform instead of IRC.

I want to double the number of Fedora contributors active every week by the time we get to Fedora Linux 45. We'll need more than cool distro tech to do that!

📅 scheduled to be released October 26, 2021
🌅 that will be 182 days since last release
✨ 6,609 days since Fedora Project first announced
🐧 5.15.x kernel version
📦 ~ 22,475 source packages (and 346 in Modular)
🗼 x86_64, armhfp, aarch64 / ppc64le, s390x

🎉 Events: Upcoming! Fedora 35 Release Party
🔥 Most active on devel list: Ben Cotton / Miro Hrončok
🧯 FPL: Matthew Miller   🎂 FCAIC: Marie Nordin
🎶 Chart topper: Polo G, *Rapstar*
🎬 Box office: *Godzilla vs. Kong*

And now we're caught up.

Whew!

- **Managing big change is... really hard. You need a process — and you need to *exercise* that process.**

- **It's important to allow room for mistakes, but you also have to deliver features users (and contributors) want.**

- **Even when things are rocky, the Fedora Community is awesome, and that makes the rocky parts *work*.**

Community teams which succeed long term keep momentum.

If you want that success, make sure someone is there to keep the flywheel spinning.

It's easy for awesome people who care about something to take on too much. Make sure they have help.

They must be free to go start a yak farm when they win the lottery.

- **Building community is hard, but it's where real innovation comes from.**
- **You _have_ to let go of the things you think you must control.**
- **Empower people, remove roadblocks.**
- **Consensus beats voting, and is enabled by trust and a common purpose.**

Your questions!

Thanks to…

Casey Dahlin

Thomas Daede

Josh Boyer

Máirín Duffy'

Jared Smith

Dennis Gilmore

Bill Nottingham

Mike McGrath

Toshio Kuratomi

Michael Johnson

Paul Frields

Peter Robinson

Rahul Sundaram

Robin Bergeron

Jonathan Dieter

Adam Miller

Mohan Boddu

And everyone in Fedora!

mattdm@fedoraproject.org

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Wallpaper Attributions

Fedora Linux 35 beta: Marie Nordin, Máirín Duffy

Fedora Linux 34: Máirín Duffy

Fedora Linux 33: Kyle R. Conway, Máirín Duffy

Fedora Linux 32: Kyle R. Conway, Máirín Duffy

Fedora Linux 31: Marie Nordin, Máirín Duffy

Fedora Linux 30: Micah Denn, Samuel Iuri, Máirín Duffy

Fedora Linux 29: Micah Denn

Fedora Linux 28: Máirín Duffy

Fedora Linux 27: Máirín Duffy, Mary Shakshober, Kyle R. Conway

Fedora Linux 26: Kyle R. Conway, Máirín Duffy

Fedora Linux 25: Mary Shakshober

Fedora Linux 24: Maria Leonova, Máirín Duffy

Fedora Linux 23: Samuel Iuri

Fedora Linux 22: Ryan Lerch

Fedora Linux 21: Sirko Kemter, Alexander Smirnov

Fedora Linux 20: Alexander Smirnov

Fedora Linux 19: Martin Sourada

Fedora Linux 18: Máirín Duffy

Fedora Linux 17: Alexander Smirnov

Fedora Linux 16: Máirín Duffy

Fedora Linux 15: Maria Leandro, Máirín Duffy, The GNOME Project

Fedora Linux 14: Kyle Baker

Fedora Linux 13: Kyle Baker

Fedora Linux 12: Máirín Duffy

Fedora Linux 11: Samuele Storari

Fedora Linux 10: Samuele Storari, Máirín Duffy

Fedora Linux 9: Máirín Duffy

Fedora Linux 8: Máirín Duffy

Fedora Linux 7: Diana Fong

Fedora Core 6: Mola Pahnadayan

Fedora Core 5: Diana Fong

Fedora Core 3 & 4: Diana Fong

Fedora Core 3: Diana Fong

Fedora Core 2: Garrett LeSage

Fedora Core 1: Garrett LeSage

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Fedora Core 1: Chris G - [1] (English Wikipedia), CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=3379326

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