



# State of Fedora 2024

Return to Rochester

August 2024

#flocktofedora

Matthew Miller, Fedora Project Leader



It's me: Matthew Miller — `mattdm` in the Fedora account system, and many other places online.

I get paid full time by Red Hat to work on Fedora. The job description is basically “Help Fedora succeed!” and getting to do this has been a dream come true since 2014.

In Fedora, my role is Fedora Project Leader. You can read in the Council documentation that this makes me “ultimately accountable” for everything that happens in Fedora.

This is why I have a lot more gray than you see in my avatar image, drawn when I first became FPL.



- 1. Charts and Graphs**
- 2. AI Survey**
- 3. Strategy 2028**
- 4. The Scatter Problem**
- 5. Conclusion**



**Actually, just...  
graph. Singular.**



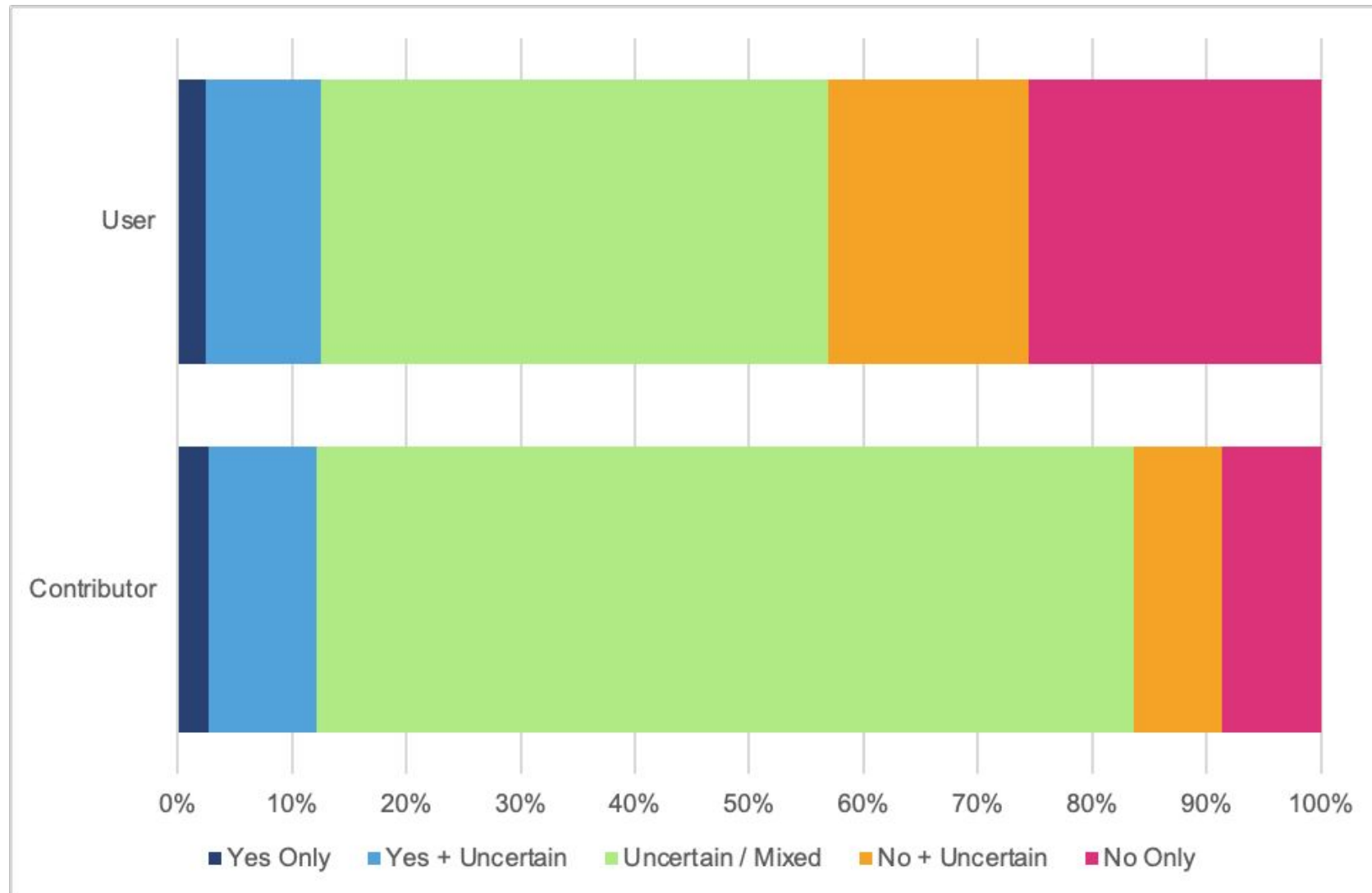




# Fedora Council AI Survey

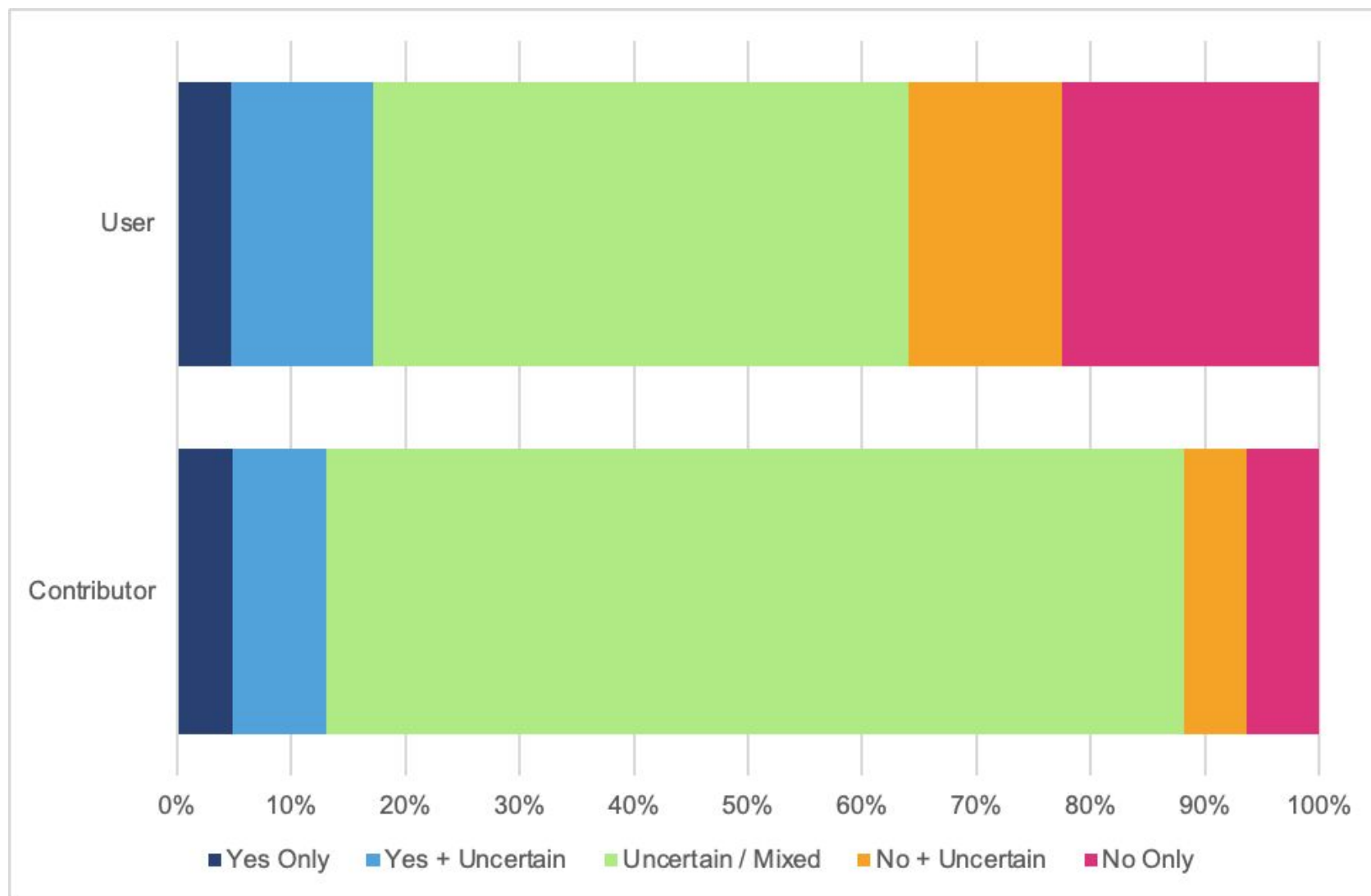


# Is AI useful for ... ?





# Would you like to see AI used for ... in Fedora?



*“It’s disgusting that Fedora is even asking these questions when it is abundantly clear that the entire thing is a scam at every level.”*

*“Thank you for asking for feedback from the community. It provides a significant level of trust that those managing the project value the community.”*

*“If you move an inch on this I am nuking my install  
and doing all my computing by hand on a whiteboard  
where no one can f— it up but me.”*

*“Fedora should not lag too much behind commercial operating systems, since it might become a big factor in choosing an os in the future.”*

*“I really love AI. You should make there be an option where you can either run it locally or in the cloud. [...] A voice assistant with powerful AI would be great.”*

*“If we use AI it's important that we do all we can to use open models.”*

*“I really must stress that [Fedora] must consider the massive impact GenAI is having on the environment.”*

*“I have always enjoyed and treasured the human aspect of Linux and Fedora. AI can be an optional add-on to the Fedora experience for those who wish to dabble in it.”*

*“I work as a sysadmin in Bioinformatics and I see on a daily basis that AI/ML, when correctly applied and utilised, can be a very powerful tool. But it must be seen as assistive, not as a total replacement for the human touch.”*

*“It is inevitable, so the question isn't if we use it or not, the question is how we're going to do it, and to what extent.”*

*“I trust you guys.”*

*“Whatever you decide to do, do it in a friendly way.”*

*“Don't FOMO.”*

*“Don't be too restrictive. AI is not 'evil'. It's just a new type of tool and should be viewed as such.”*

*“I think it is more obvious than ever that free/open software and models, as well as a local-first or, even better, local-only approach is critical to having a trustworthy and non-adversarial relationship with our computing devices.”*

*“If I want hallucination-induced mistakes in my work, I'd rather take mushrooms myself.”*

# Analysis of Survey Comments

## Top concerns of Fedora users

**keep it optional**  
*keep it local / privacy*  
**just a fad / hype / bubble**  
**environmental impact**  
**ethics / “license washing”**

## Top concerns of Fedora contributors

**just a fad / hype / bubble**  
**environmental impact**  
**ethics / “license washing”**  
*open source models*  
**keep it optional**

runner-up other big concern for both: accuracy, reliability, “hallucinations”  
about half of these cautiously optimistic with a “human in the loop” approach



# So... now what for AI in Fedora?

The Fedora Council takes this seriously and are approaching it carefully. The concerns raised in the survey are valid. At the same time, many people are clearly excited about the potential.

**Don't expect an easy, one-time answer.**

That said:

- We have no intention of integrating any kind of non-optional personal assistant.
- Fedora doesn't plan to run any sort of AI cloud service connected to your desktop OS.
- We are unlikely to issue a complete ban on all things AI, or even all things LLM.
- Fedora makes room for people who want to do things to experiment.



# Strategy 2028



# Strategy 2028 Themes

Accessibility

Community  
Sustainability

Editions, Spins,  
and Interests

Reaching the  
world

Technology  
Innovation

Ecosystem  
connections

★ Guiding Star: Double the number of Fedora contributors active every week.



Our Guiding Star

**Double the  
number of  
contributors  
to Fedora**



## **Current Initiatives, Projects, Activities in Fedora you can join!**

You can contribute to the community strategy - initiatives & efforts are dedicated to how the strategy is started to be implemented.

- Mentored Projects
- CommOps 2.0
- Bootable Containers
- Collaboration Tooling
- Preinstalled Hardware

## SELECTED INITIATIVES

# Mentored Projects

Read more:

[https://fedoraproject.org/wiki/Initiatives/Mentored\\_Projects\\_2024](https://fedoraproject.org/wiki/Initiatives/Mentored_Projects_2024)

Matrix: [mentoring.fedoraproject.org](https://matrix.fedoraproject.org)

GitLab Tracker: <https://gitlab.com/fedora/mentoring/home>

CO-LEADS: Fernando Fernandez Mancera (@ffmancera), Smera Goel (@smeragoel)

EXECUTIVE SPONSOR: Jona Azizaj (@jonatoni)

## GOAL

A future where mentors and mentees know what is expected of them when entering a Fedora Mentored Project and have a smooth onboarding process. There is also a culture of recognition for all the effort they put into the projects to be successful.

## CURRENT FOCUS AREAS

Outreachy Summer 2024, Role Handbooks for Mentors and Mentees

## WHAT'S NEXT?

Role Handbooks for Mentored Projects Reps and Coordinators, Swag

## HOW TO HELP

Translations for Role Handbooks (Spanish, Hindi, etc)

Mentor Summit panel discussion 4pm on Thursday, and workshop Saturday

SELECTED INITIATIVES

# Community Ops 2.0

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CO-LEADS: Robert Wright, (@rwright), Justin W. Flory (@jwflory)  
EXECUTIVE SPONSOR: Aoife Moloney (@moloney)

## VISION

Collaborative Fedora Ecosystem, Contributor Success, 2028 Strategy Alignment, Friction Reduction

## MISSION

Process Improvement, Community Social Analysis, Flexible Contribution Pathways

## HOW TO HELP

Read more on [docs.fedoraproject.org/en-US/commops/](https://docs.fedoraproject.org/en-US/commops/)

Join #commops:fedoraproject.org on Matrix

Check out our GitLab tracker: [gitlab.com/fedora/commops/home](https://gitlab.com/fedora/commops/home)

SELECTED INITIATIVES

# Bootable Containers

Wiki: [https://fedoraproject.org/wiki/Initiatives/Fedora\\_bootc](https://fedoraproject.org/wiki/Initiatives/Fedora_bootc)

Matrix: [#bootc.fedoraproject.org](https://matrix.fedoraproject.org/#bootc.fedoraproject.org)

GitLab Tracker: <https://gitlab.com/fedora/bootc/tracker>

Docs: <https://docs.fedoraproject.org/en-US/bootc/>

LEAD: Jason Brooks (@Jasonbrooks)

EXECUTIVE SPONSOR: David Cantrell (@dcantrell)

## WHAT'S HAPPENING?

We're using OCI containers to make image-based Fedora systems easy to build, manage, and collaborate on.

## TODAY

How can today's image-based (Atomic) Fedora Editions and Spins collaborate better?

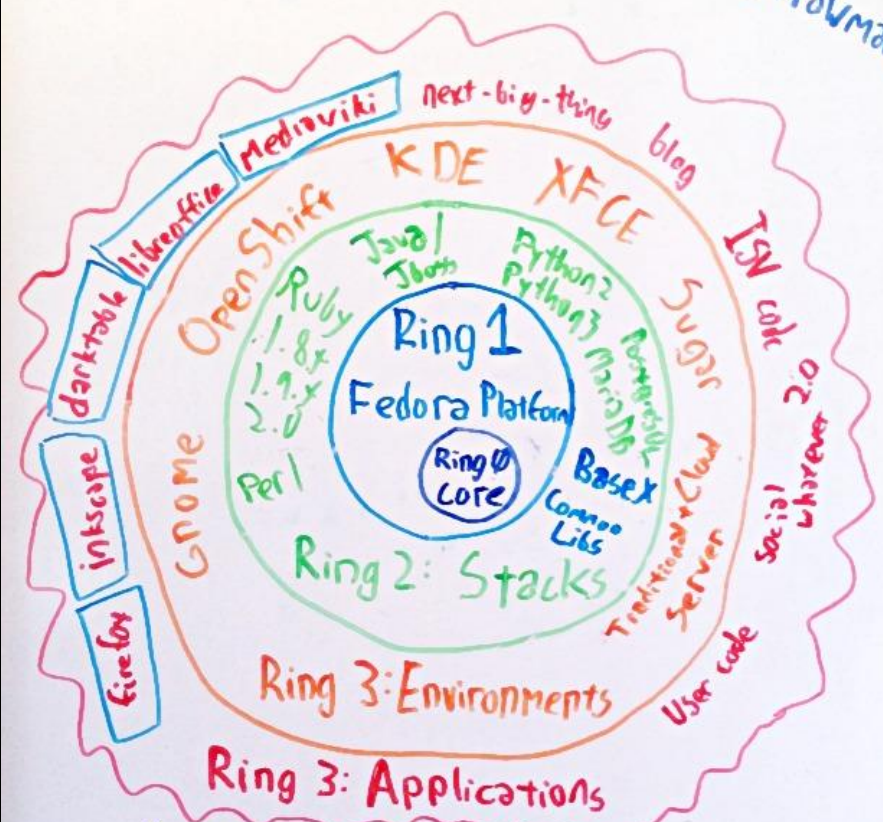
How can we reduce the barriers to using image-based Fedora for users coming from a package-based context?

## TOMORROW

How can we make it trivial for Fedorans to build their own custom image-based spins and remixes, individually or in collaboration with others?

# Fedora as an Onion Multi-Ring Plan

Strawman



Some apps would be packaged by Fedora; others not

- Ring 3: Environments (Server, cloud/Desktop)
- Ring 2: Stacks (modular "enabling" collections)
- Ring 1: Fedora base platform (Ⓢstandard + deps + build chains)
- Ring 0: Minimal Core

# Pre-installed Hardware

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## GOAL

Allow vendors to provide hardware with pre-installed Fedora Linux

## WORK HAPPENING RIGHT NOW

### Soft-Launch Vendors

- Framework
- Lenovo
- Slimbook

*Fedora Ready* label: the official way for vendors to show compatibility with the Fedora Linux distribution, and for us to highlight hardware that we're confident will provide a great out-of-box experience for users.

- Requirements: <https://docs.fedoraproject.org/en-US/marketing/ready/>

# Collaboration Tooling

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## GOAL

Modernize our collaboration tooling used to work together on making Fedora.

## MISSION

Project meetings on **Matrix**

Fedora Changes announced on **Discourse**

**Git Forge** investigation & replacement

## HELP WANTED!

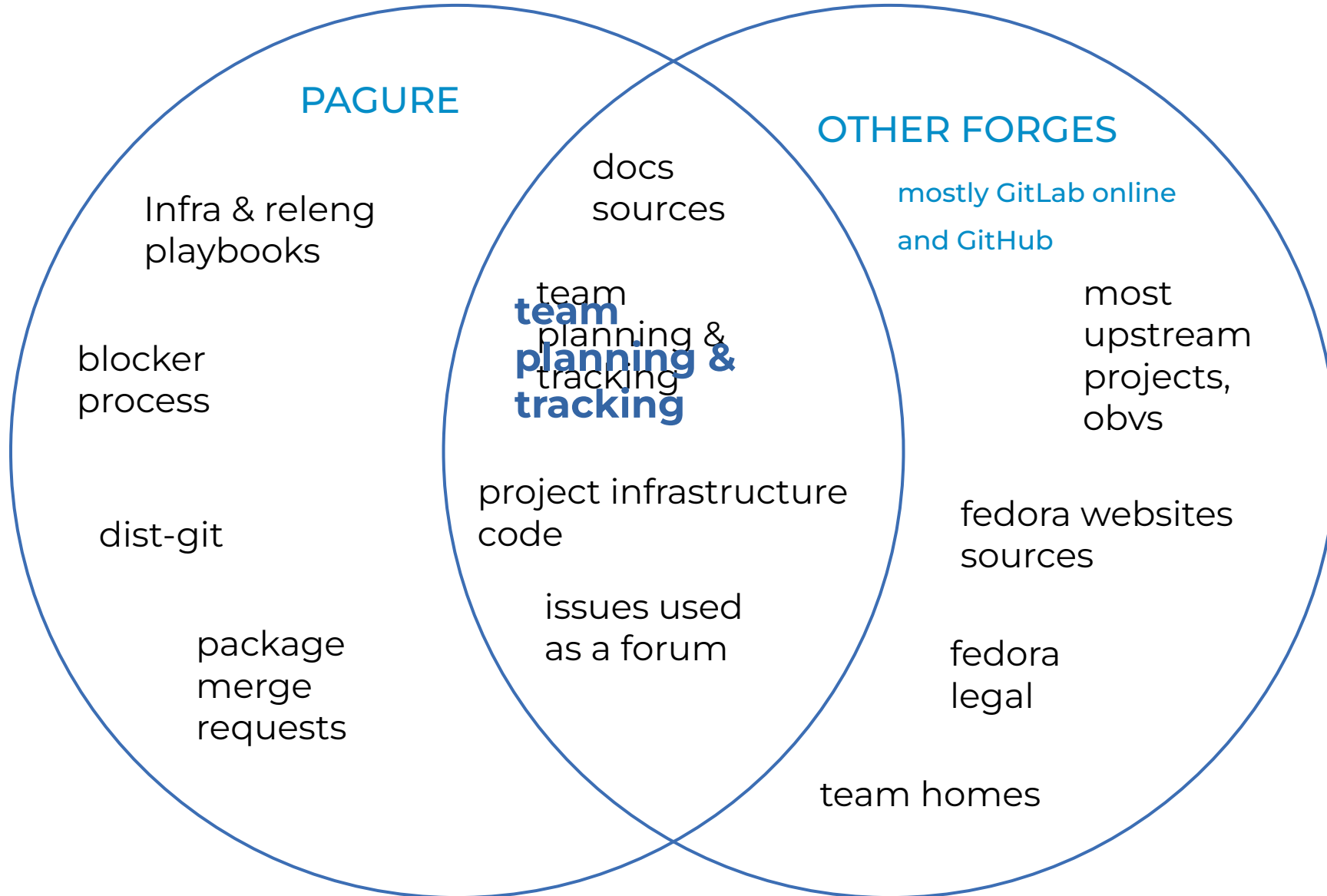
Moderation Initiative

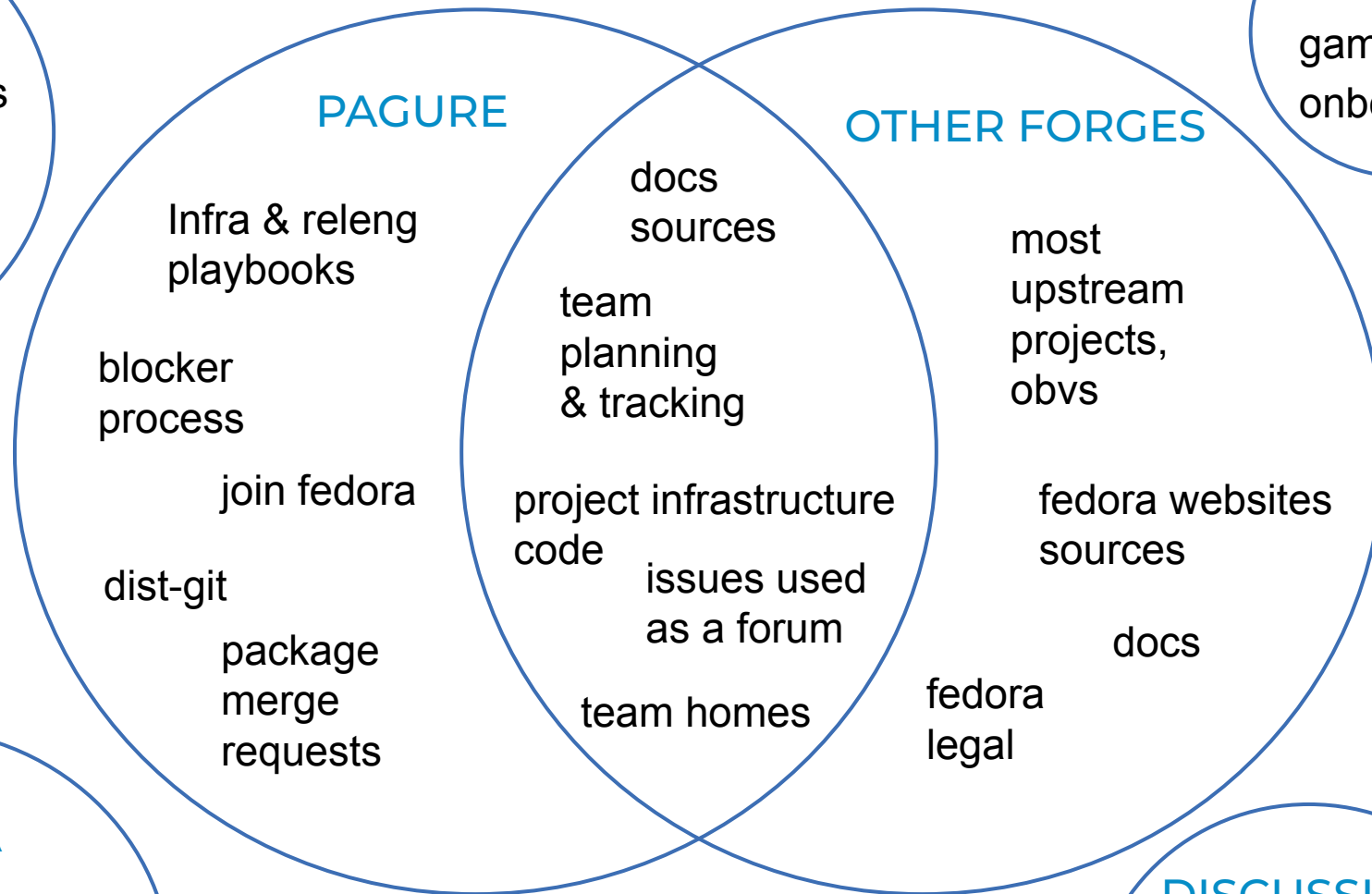
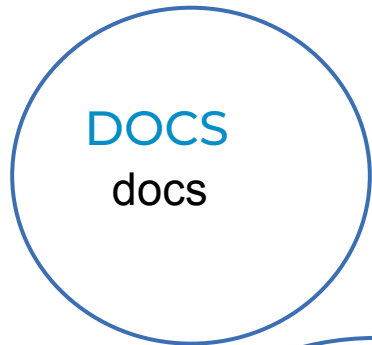
Mailing list retirement plan initiative

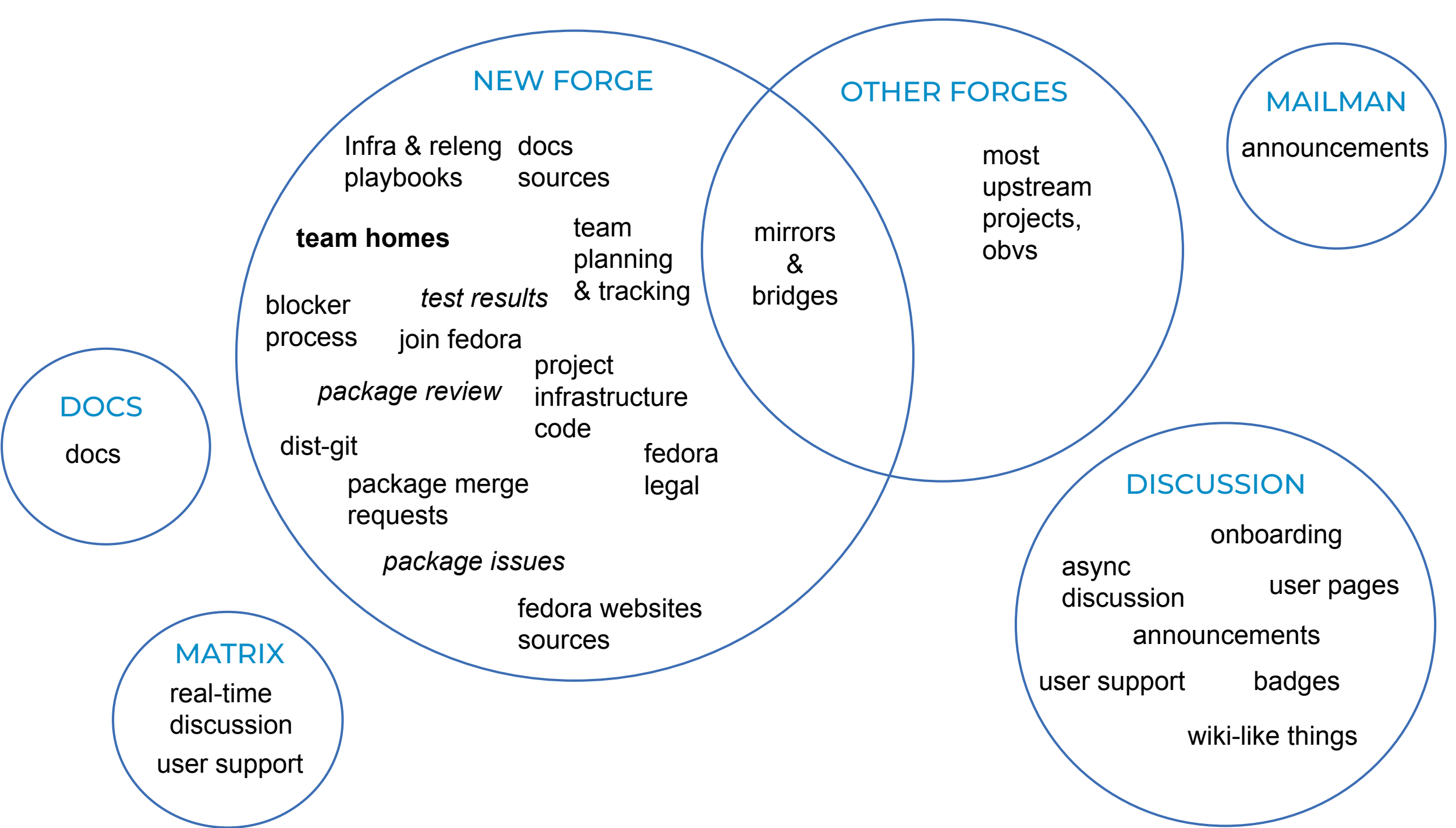
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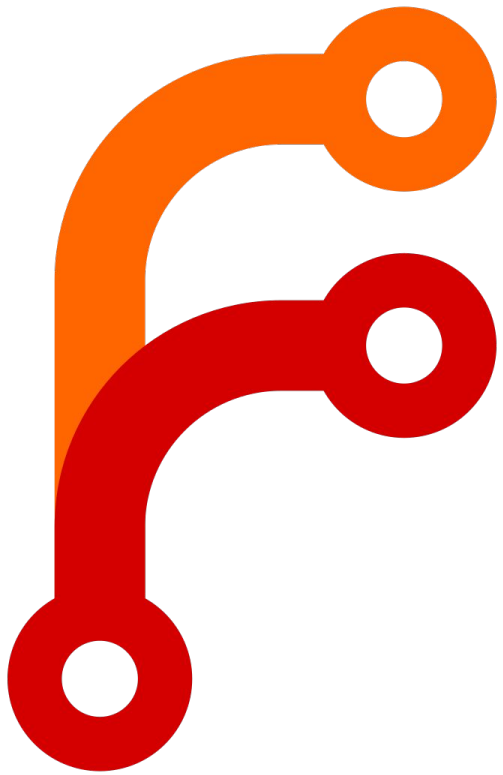












or



# GitOps for packages, composes, etc.

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## GOAL

Provide Git interface to track the changes in various processes in the project

## BENEFITS

- Familiar interface with a range of existing tools available
- Easy to see history, differences, branching, ownership, and status.
- Review and verification of each step by default

## WORK HAPPENING RIGHT NOW

- Intro: <https://hackmd.io/@bookwar/distro-gitops>
- [\[CentOS Connect Follow-up\] Proposal for the Git interface to the Compose Gate - Fedora Discussion](#)
- Git for CentOS Compose state prototype: <https://gitlab.com/CentOS/Integration/compose-state>

# konflux

## Red Hat's new Tekton pipeline build system

- Check out Ralph Bean's talk at 2pm today (right before the Gitforge one!)
- <https://konflux-ci.dev/>



**So  
Much  
Change!  
(Good!)**



**Talk**  
**Connect**  
**Hack**  
**Design**  
**Build**





