



Fedora → Forgejo

Community Initiative

Progress Report
Fedora Linux 42 Release Party

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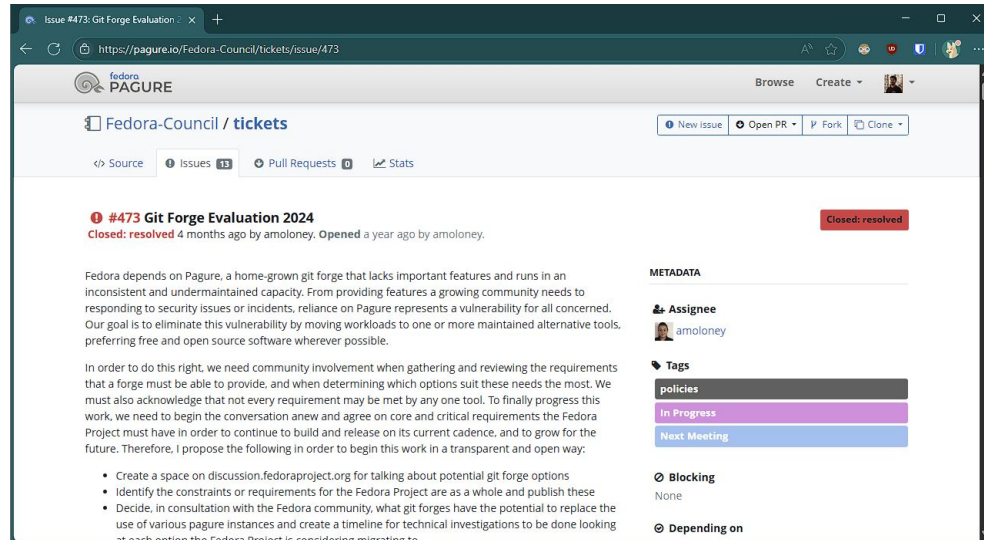
Akashdeep Dhar

Senior Software Engineer, Red Hat CLE



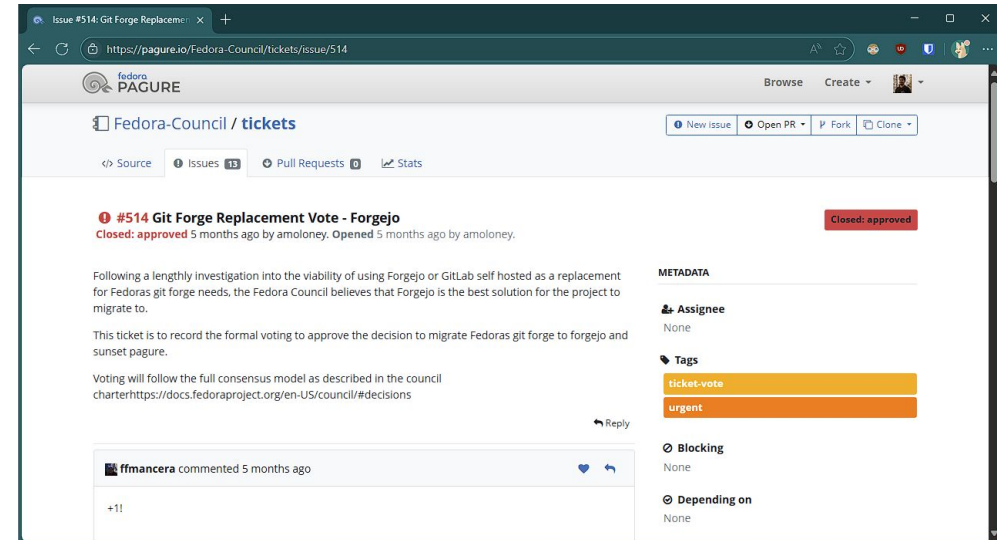
Background

Fedora Council decided to move over from Pagure to Forgejo



Ref.

<https://pagure.io/Fedora-Council/tickets/issue/473>



Ref.

<https://pagure.io/Fedora-Council/tickets/issue/514>

Decision

Fedora Council decided to move over from Pagure to Forgejo



Ref.

<https://fedoramagazine.org/fedora-moves-towards-forgejo-a-unified-decision/>



Ref.

<https://communityblog.fedoraproject.org/fedora-chooses-forgejo/>

Initiative

Ref. <https://pagure.io/Fedora-Council/tickets/issue/525>

Led by **Ryan Lerch**

Phases

- **PHASE 1.** Hosting pagure.io projects
- **PHASE 2.** Hosting src.fedoraproject.org projects

Core members

- Akashdeep Dhar
- David Kirwan
- Lenka Segura
- Nils Philippsen
- Tomas Hrcka

The screenshot shows a web browser window displaying a Pagure issue page. The URL is <https://pagure.io/Fedora-Council/tickets/issue/525>. The page header includes the Fedora logo and the word "PAGURE". The issue title is "#525 Community Initiative Proposal: Git Forge Initiative 2025". The status is "Closed: approved" with a red label. The issue was closed 2 months ago by mattdm and opened 3 months ago by amoloney. The description of the proposal is as follows:

Proposing this work as a [https://docs.fedoraproject.org/en-US/project/initiatives/community-initiative] on behalf of the people already engaging in the work and requesting a formal council vote to officially recognise this as one.

Full proposal can be found on the [https://fedoraproject.org/wiki/Objectives/Git_Forge_Initiative_2025] wiki page]. The lead for this initiative is @ryanlerch and I have been unofficially/officially been assigned as council executive sponsor, so lets formalise this please.

A comment from amoloney, dated 3 months ago, states:

After discussing with @ryanlerch and @humaton we have decided to split this initiative into two phases. Phase one will address Project Hosting. Phase two will address src.fedoraproject.org (dist-git). We will update this proposal to outline plans for phase 1, which we estimate will take 6 months and will include deploying our own instance of Forgejo for project hosting and a plan for project migrations. This is points 1 - 2 of the current proposal, but with more detail.

Phase two will describe points 3 - 5 when there has been time to discuss and create a solution.

I will close this ticket and reopen when the proposal page has been re-edited to describe plans for phase one - project hosting & migration.

The metadata update from @amoloney, dated 3 months ago, shows:

- Issue close_status updated to: no action needed
- Issue status updated to: Closed (was: Open)

The metadata update from @amoloney, dated 2 months ago, is also visible.

Initiative

Ref. <https://codeberg.org/fedora/forgejo-deployment/>

Forgejo Deployment Efforts

States

- **Open.** 38 tickets
- **Closed.** 46 tickets

Areas

- Support for Fedora Messaging
- Native migration from Pagure
- Automated builds and deployments
- RPM packaging of Forgejo
- User experience enhancements

The screenshot shows the Codeberg project page for `fedora/forgejo-deployment`. The page includes navigation links for Issues, Pull requests, Milestones, Explore, and Donate. The project statistics show 14 forks, 2 stars, and 1 pull request. The Kanban board is organized into three columns: To Do (6 tickets), Blocked (4 tickets), and In Progress (11 tickets). Each ticket card displays a title, issue number, opening date, assignee, and labels.

Column	Ticket #	Title	Assignee	Labels
To Do	#71	Integrate self managed Valkey into Forgejo	dkirwan	gain, medium, trouble
	#30	Find solution for Valkey images	lenkaseg	Epic
	#29	Disable majority of the units on Forks	ryanlerch	
	#27	Allow SSH repo access	ryanlerch	
	#33	Remove the login screen -- go directly to Fedora Accounts login	ryanlerch	
	#91	Add main branch to trigger_konflux_build action and fix it	lenkaseg	Bug, gain, medium
Blocked	#34	Fix the testing.yml action	lenkaseg	
	#81	Pagure Migrator: See if it is possible to import issue and comment attachments	ryanlerch	
	#84	Pagure Migrator: Migrate ticket dependencies	ryanlerch	
In Progress	#74	Create action to apply patche github mirror to oci-image-d to workaround the missing cc support from konflux	lenkaseg	Bug
	#60	Investigate the forgejo runne running tests	lenkaseg	gain, high, Spike, trouble, med
	#54	Include tests for the Pagure s Forgejo migrator	grid	gain, high, Spike, trouble, high
	#14	Integrate Forgejo with Fedora Messaging queue	ryanlerch	Epic
		Forgejo On Staging		

Webhooks

Ref. [fedora/forgejo-deployment#14](https://fedoraproject.org/fedora/forgejo-deployment#14)

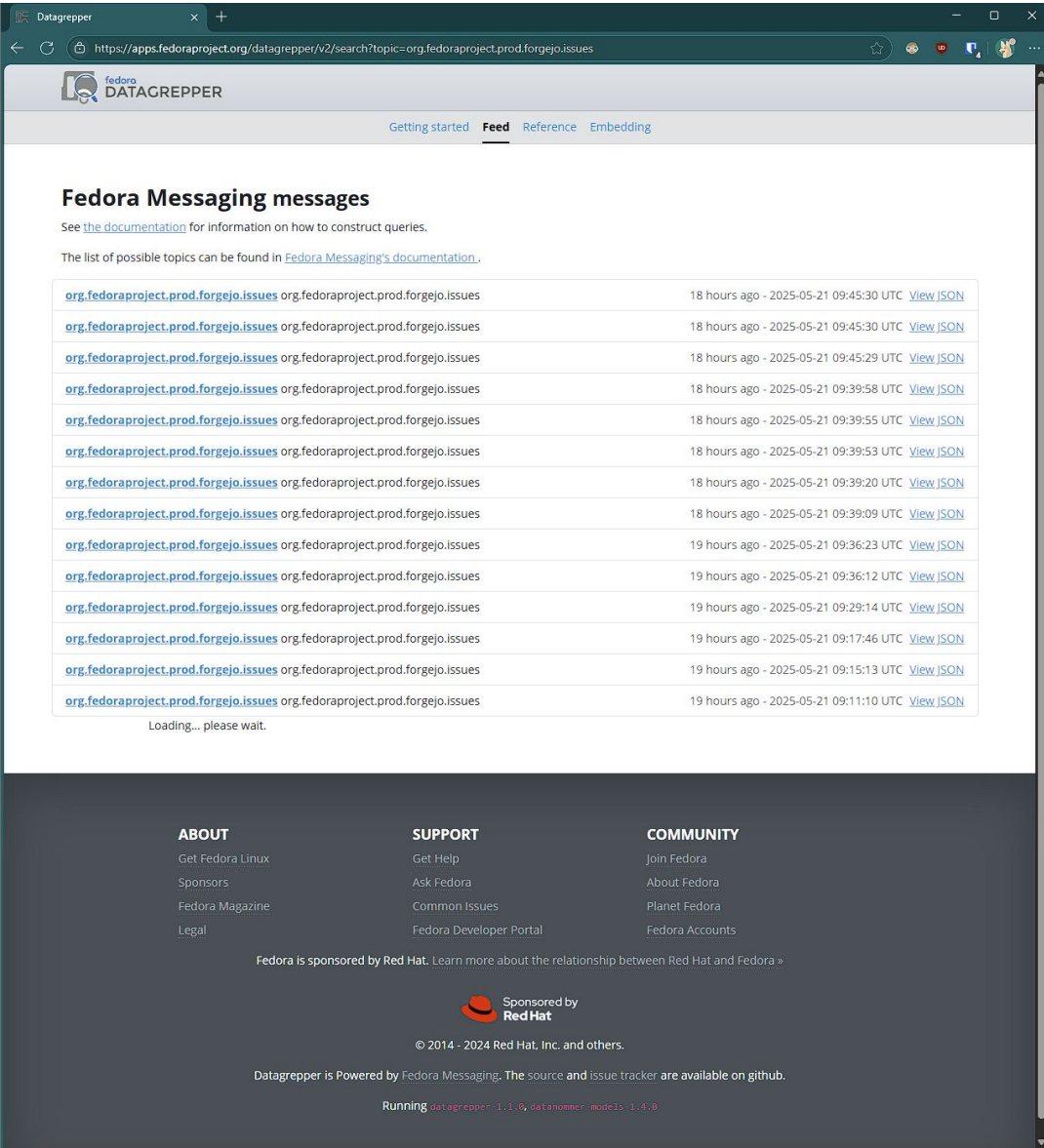
Support for Fedora Messaging

Projects

- Webhook To Fedora Messaging Messages
- Webhook To Fedora Messaging

Events

- `org.fedoraproject.prod.forgejo.fork`
- `org.fedoraproject.prod.forgejo.pull_request`
- `org.fedoraproject.prod.forgejo.push`
- `org.fedoraproject.prod.forgejo.issues`
- `org.fedoraproject.prod.forgejo.issue_comment`



The screenshot shows the Datagrepper web interface in a browser. The URL is <https://apps.fedoraproject.org/datagrepper/v2/search?topic=org.fedoraproject.prod.forgejo.issues>. The page has a navigation bar with links for "Getting started", "Feed" (which is active), "Reference", and "Embedding". Below the navigation bar, the title "Fedora Messaging messages" is displayed, followed by a note to see the documentation for constructing queries. A list of possible topics is provided, with "org.fedoraproject.prod.forgejo.issues" selected. A table of messages is shown, with columns for the topic, the message content, the time ago, the UTC timestamp, and a link to view the JSON. The table contains 15 rows of messages, all from the topic "org.fedoraproject.prod.forgejo.issues". At the bottom of the table, a "Loading... please wait." message is visible. The footer of the page contains sections for "ABOUT", "SUPPORT", and "COMMUNITY", each with links to various resources. A Red Hat logo and "Sponsored by Red Hat" text are also present, along with a copyright notice for 2014-2024 Red Hat, Inc. and others. A note states that Datagrepper is powered by Fedora Messaging and that the source and issue tracker are available on GitHub. The version information "Running datagrepper-1.1.0, datanommer-models-1.4.0" is displayed at the very bottom.

Topic	Message	Time ago	UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:45:30 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:45:30 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:45:29 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:39:58 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:39:55 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:39:53 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:39:20 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	18 hours ago	2025-05-21 09:39:09 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:36:23 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:36:12 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:29:14 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:17:46 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:15:13 UTC	View JSON
org.fedoraproject.prod.forgejo.issues	org.fedoraproject.prod.forgejo.issues	19 hours ago	2025-05-21 09:11:10 UTC	View JSON

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Datagrepper is Powered by Fedora Messaging. The source and issue tracker are available on github.

Running datagrepper-1.1.0, datanommer-models-1.4.0

Migration

Ref. [fedora/forgejo-deployment#32](https://fedoraproject.org/wiki/forgejo-deployment#32)

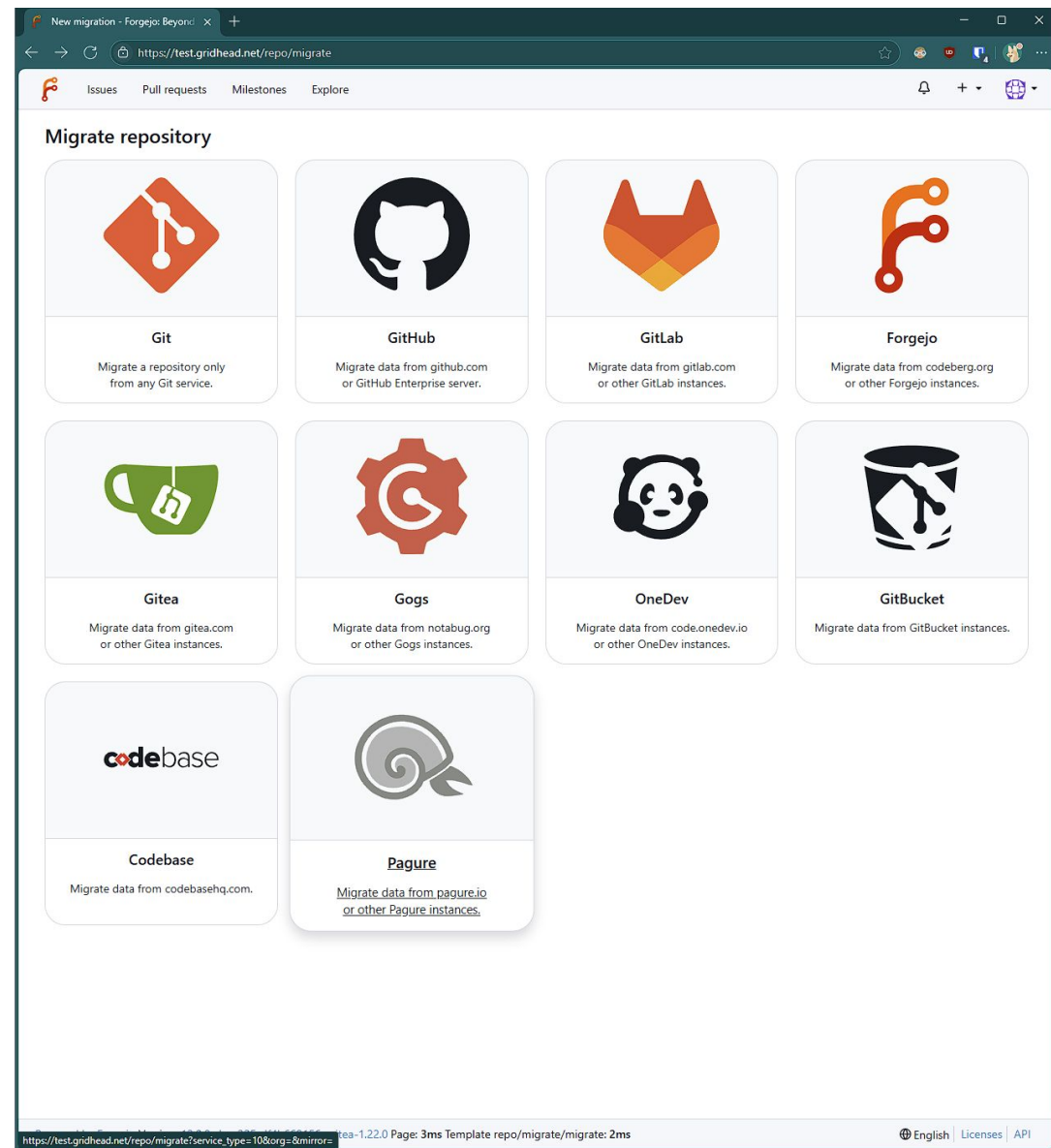
Native migration from Pagure

Projects

- Upstream Contributions to Forgejo
- Pagure Exporter

Supports

- Repository contents
- Issue tickets
- Pull requests
- Repository topics
- Labels and priorities



Automation

Ref. konflux-ci/forgemo-oci-images

Automated builds and deployments

Projects

- Automated builds on Konflux CI
- Deploying PostgreSQL and Valkey

Includes

- Forgejo Actions
- Periodic backups
- Updating deployments
- Triaging releases
- Including enhancements

The screenshot displays the Konflux web interface for the 'forgejo-oci-images' application. The interface is organized into several sections:

- Header:** Includes the Konflux logo, a user profile 'tOxicOrder', and a namespace selector set to 'fedora-infra-tenant'.
- Application Overview:** Shows the application name 'forgejo-oci-images' with an 'Actions' button.
- Navigation:** Tabs for 'Overview', 'Activity', 'Components', 'Integration tests', and 'Releases' are present.
- Lifecycle:** A section titled 'Lifecycle' with a description: 'This is a visualization of your application pipeline, from source code through release.' It includes an 'Expand items' link.
- Pipeline Visualization:** A horizontal flow diagram showing the pipeline stages: 'Components' (4), 'Builds' (4), 'Tests' (1), and 'No releases set'.
- What's next?:** A section with three actionable cards:
 - Grow your application:** 'Grow your application by adding components.' with an 'Add component' button and a 'Learn more' link.
 - Add integration tests:** 'Integration tests run in parallel, validating each new component build with the latest version of all other components.' with an 'Add a test' button and a 'Learn more' link.
 - Create a release plan:** 'A release object represents deployable snapshot of your application. To release your code, create a release plan with release details.' with a 'Create a plan' button and a 'Learn more' link.
- Footer:** A card for 'Install our GitHub app'.

Packaging

Ref. [fedora/forgejo-deployment#16](https://fedoraproject.org/wiki/forgejo-deployment#16)

RPM packaging of Forgejo

Involves

- Vending Golang dependencies
- Managing Node dependencies

The screenshot shows the Fedora Copr project page for 'nphilipp/forgejo'. The page is titled 'nphilipp / forgejo' with Project ID: 175026. It features a navigation bar with links for Overview, Packages, Builds, Modules, and Monitor. The main content area includes a Description, Installation Instructions, Active Releases, and a table of releases. The 'Last Build' section shows a successful build for 'forgejo' with ID 9039278. The 'Quick Enable' section provides a command to enable the repository. The 'Other Actions' section includes a 'Report Abuse' link. The footer contains contact information, project details, site navigation, and sponsors.

Release	Architectures	Repo Download
Fedora 42	aarch64 (0)*, x86_64 (0)*	Fedora 42 (16 downloads)
Fedora rawhide	aarch64 [modified] (0)*, ppc64le [modified] (0)*, s390x [modified] (0)*, x86_64 [modified] (6)*	Fedora rawhide (15 downloads)

* Total number of downloaded packages.

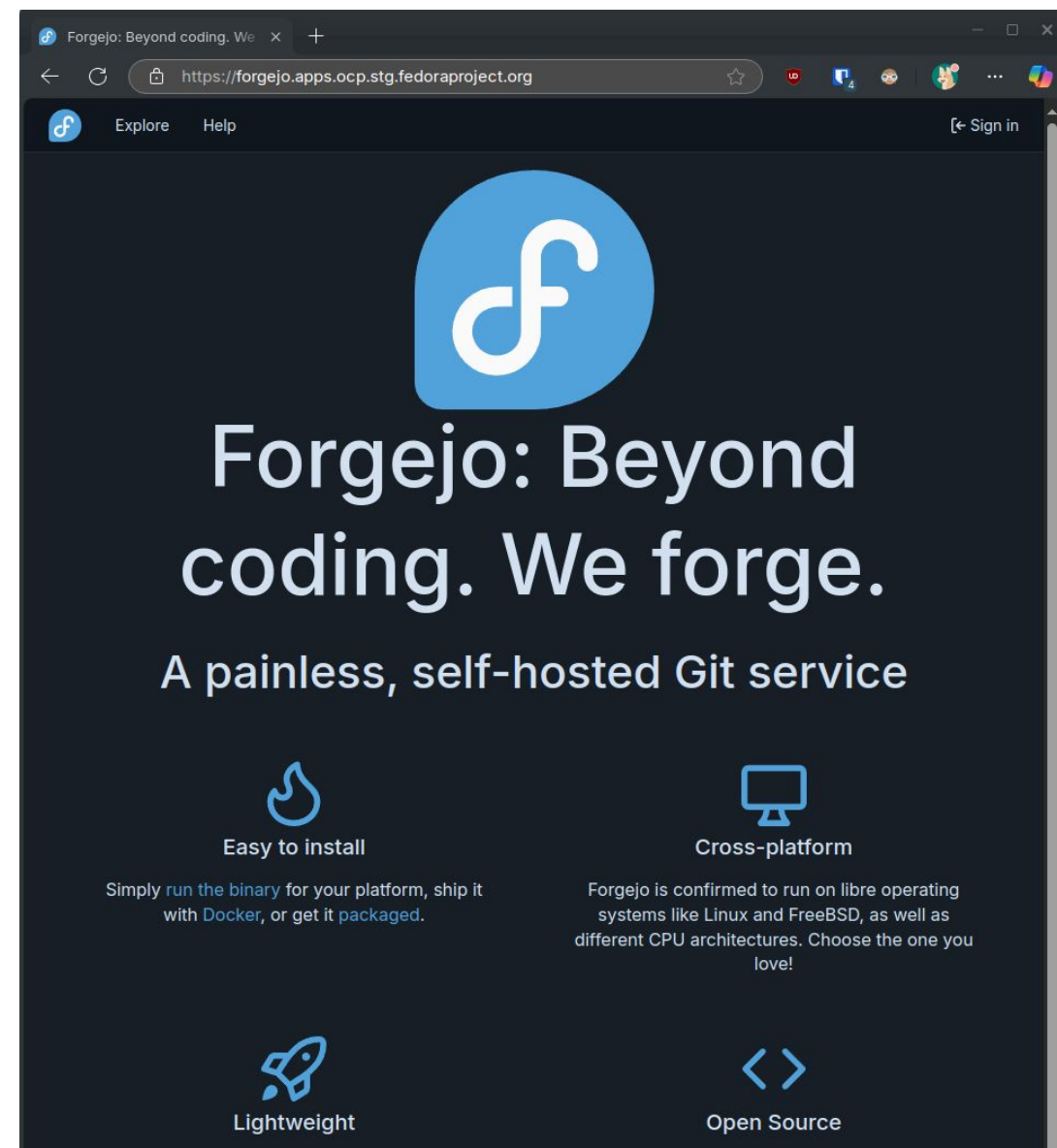
Experience

Ref. [fedora/forgejo-deployment#17](https://fedoraproject.org/fedora/forgejo-deployment#17)

User experience enhancements

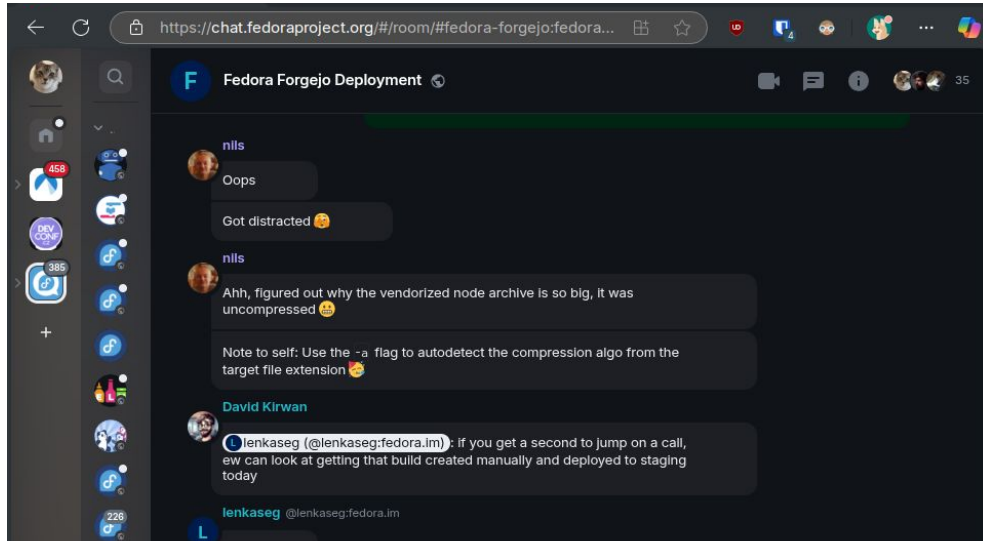
Involves

- Theming related changes
- Fedora Project branding



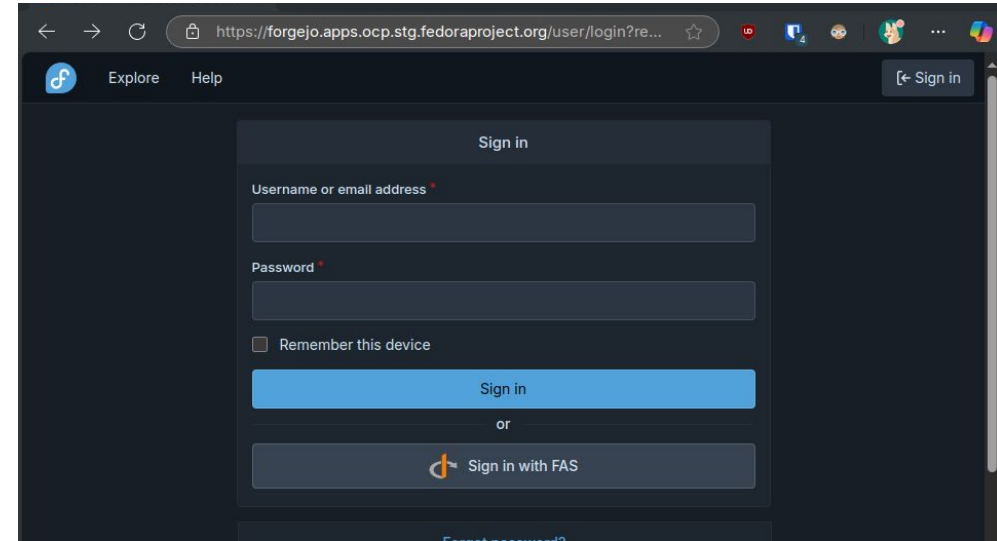
Join the fun

Participate in the Fedora → Forgejo initiative efforts



Ref.

<https://chat.fedoraproject.org/#/room/#fedora-forgejo:fedoraproject.org>



Ref.

<https://forgejo.apps.ocp.stg.fedoraproject.org/>

THANK YOU