Extra Icons

Fedora Server Edition

Where are we going

Peter Boy

Speaker name

Fedora Server Edition

Where are we going

- The current state of Fedora Server Edition
  - The Working Group
  - Fedora Server Edition goals and status
- What's going on
- Fedora Server Edition in virtualized runtime environments
- Fedora Server Edition on ARM Single Board Computers

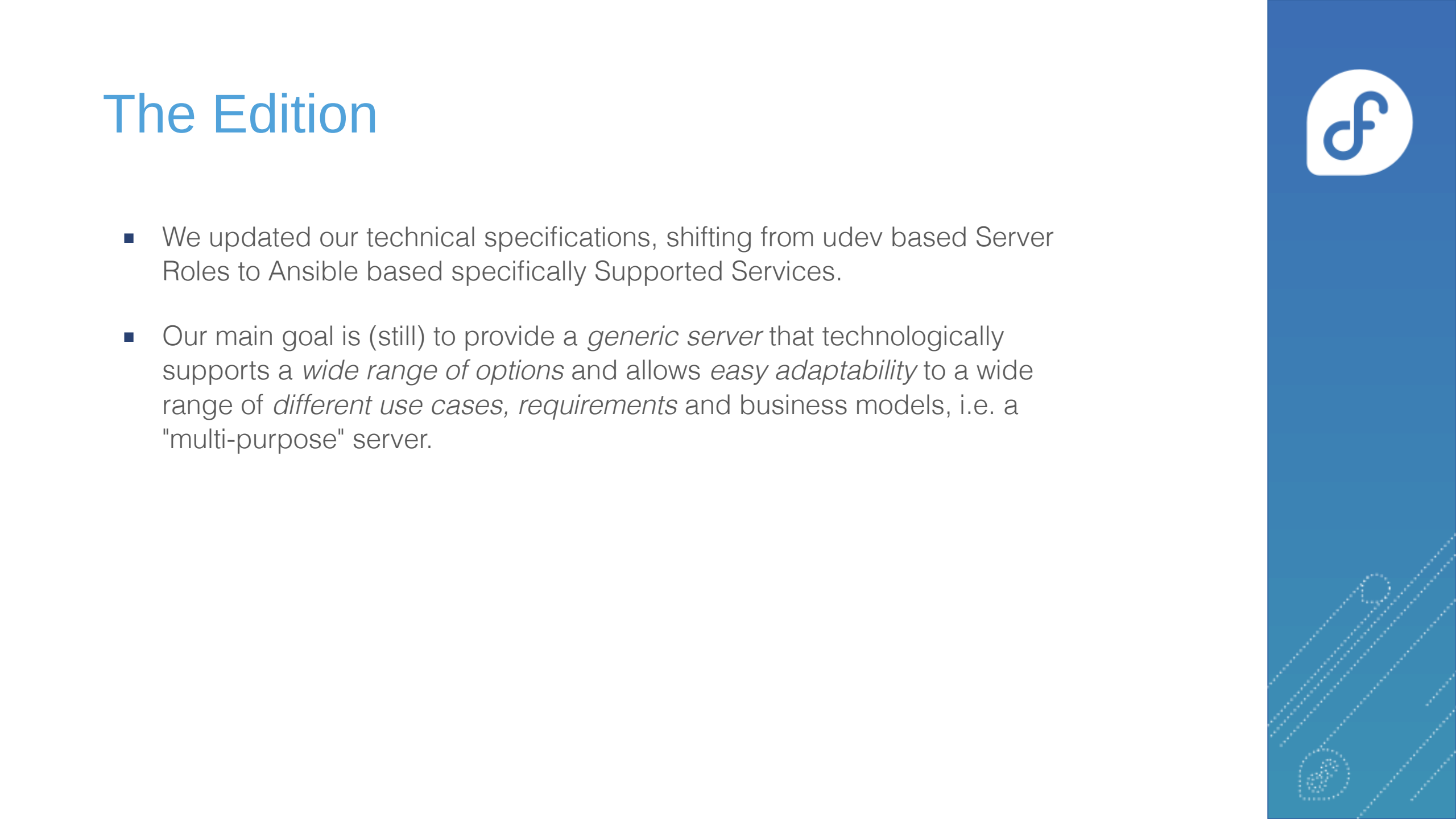
Fedora Server Edition Status

The Working Group

- “Reboot” December 2020
- 'Officially' 17 members according to the Working Group regulations.
- 2-weekly IRC meetings with consistently 4-7 members explicitly present.
- 9 members, who in the past 2 1/2 years have regularly participated in discussions and contributed actual work and substantial results.
- 2 members with occasional contributions to discussions and 6 members who have not been active for more than a year.

The Edition

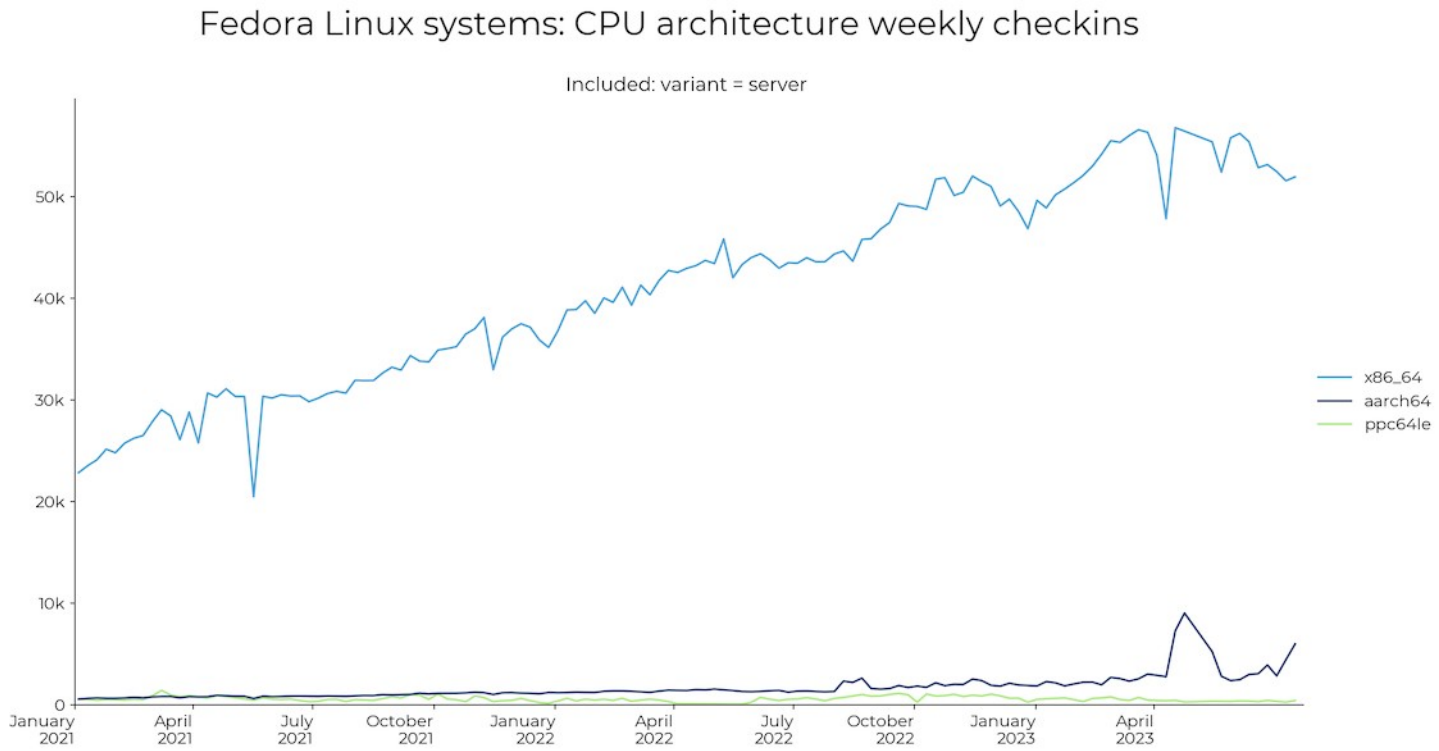
- We updated our technical specifications, shifting from udev based Server Roles to Ansible based specifically Supported Services.
- Our main goal is (still) to provide a *generic server* that technologically supports a *wide range of options* and allows *easy adaptability* to a wide range of *different use cases, requirements* and business models, i.e. a "multi-purpose" server.



Usage of Fedora Server Edition

Recorded update requests

Obviously, we are meeting a growing demand.

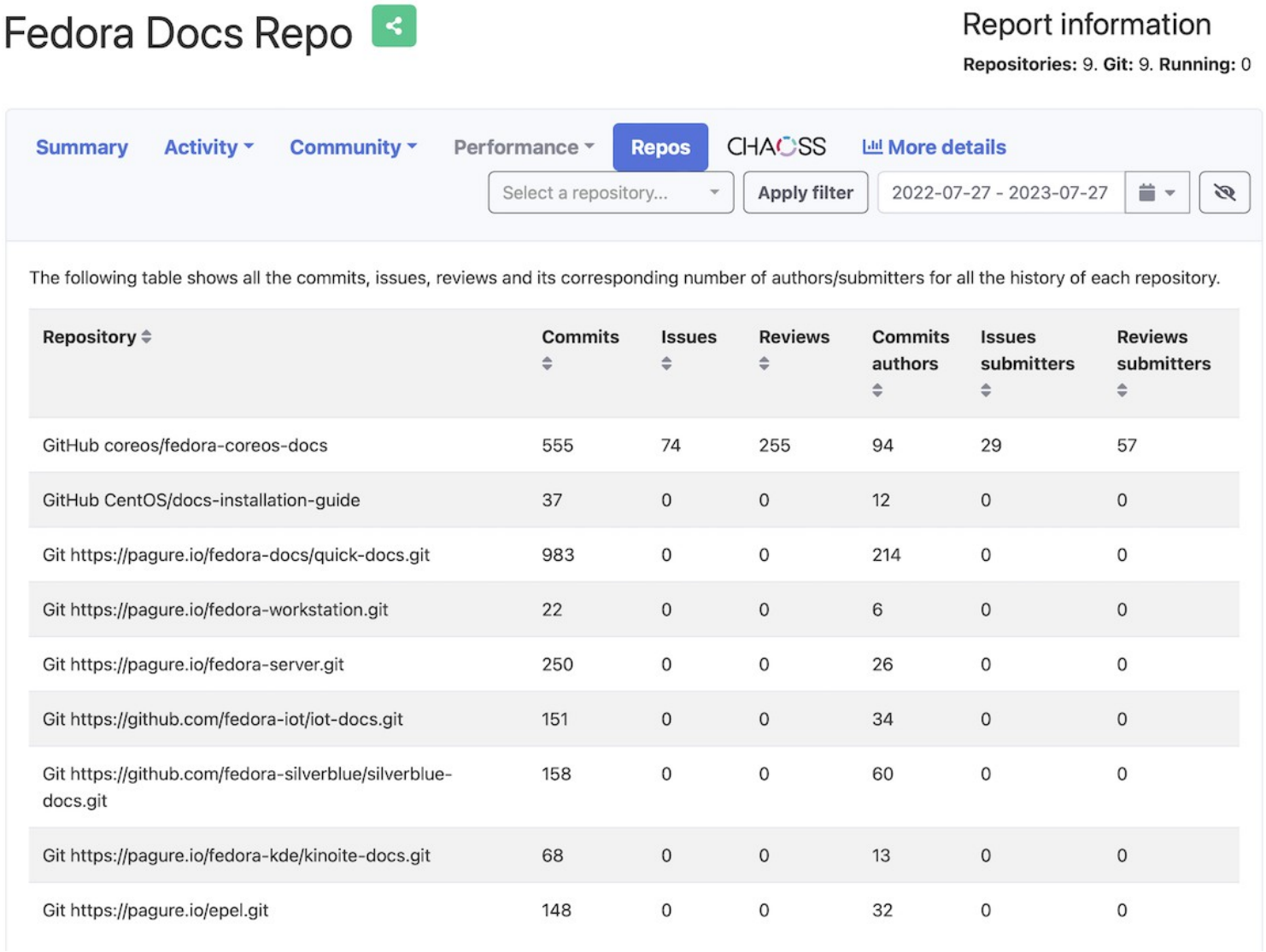


What's going on

Server Docs Improvement

Obviously, we have been quite diligent. But there is still room for improvement.

Our focus for the coming year should be on "Services" so that we cover as much of our "Specifically Supported Services" as possible.



Fedora Docs Repo

Report information

Repositories: 9. **Git:** 9. **Running:** 0

Summary | Activity | Community | Performance | Repos | CHAOSS | More details

Select a repository... | Apply filter | 2022-07-27 - 2023-07-27

The following table shows all the commits, issues, reviews and its corresponding number of authors/submitters for all the history of each repository.

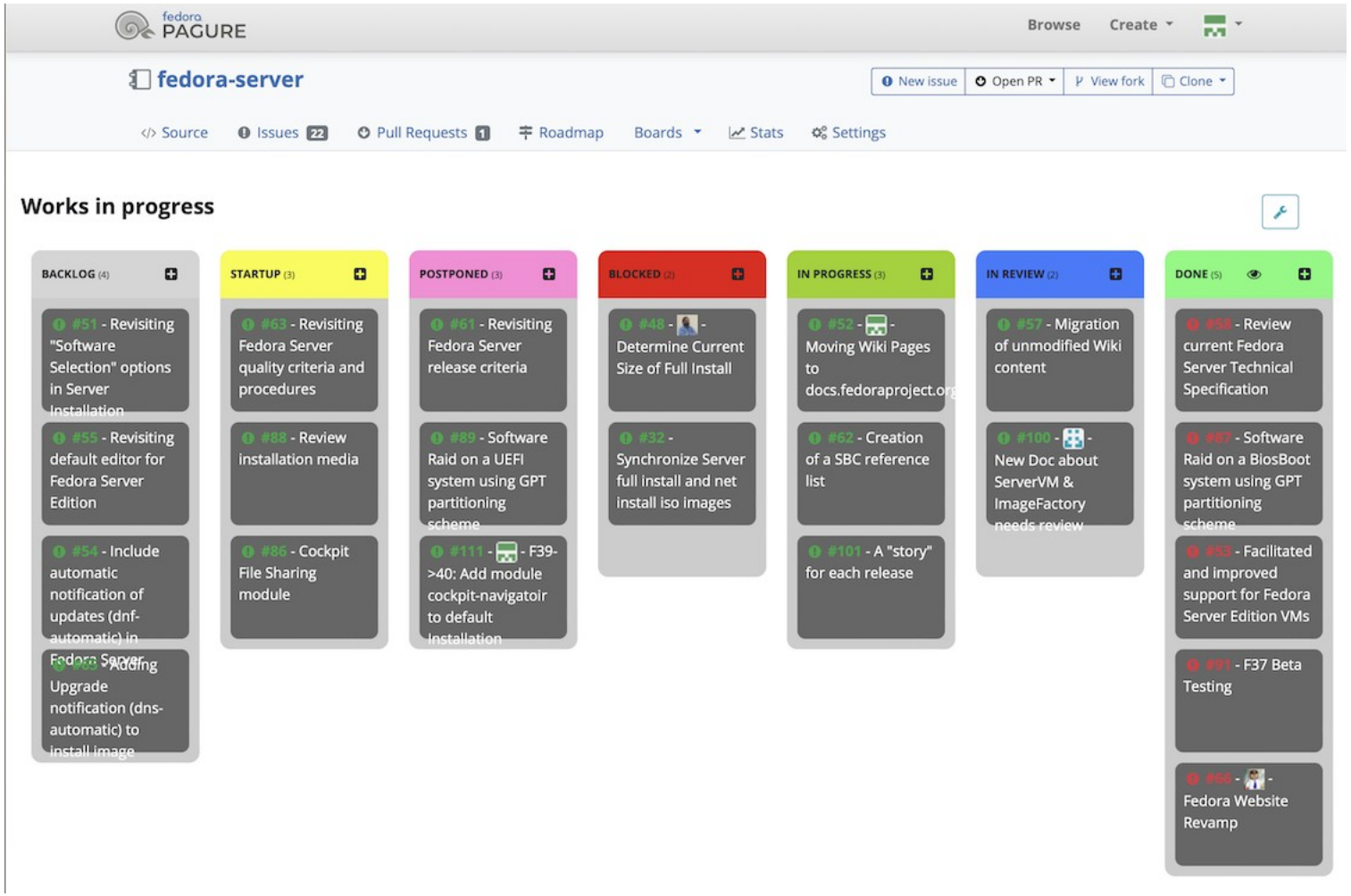
Repository	Commits	Issues	Reviews	Commits authors	Issues submitters	Reviews submitters
GitHub coreos/fedora-coreos-docs	555	74	255	94	29	57
GitHub CentOS/docs-installation-guide	37	0	0	12	0	0
Git https://pagure.io/fedora-docs/quick-docs.git	983	0	0	214	0	0
Git https://pagure.io/fedora-workstation.git	22	0	0	6	0	0
Git https://pagure.io/fedora-server.git	250	0	0	26	0	0
Git https://github.com/fedora-iot/iot-docs.git	151	0	0	34	0	0
Git https://github.com/fedora-silverblue/silverblue-docs.git	158	0	0	60	0	0
Git https://pagure.io/fedora-kde/kinoite-docs.git	68	0	0	13	0	0
Git https://pagure.io/epel.git	148	0	0	32	0	0

Works in Progress

As you can see, there is a lot to do. Two items are particularly relevant

#60 Using Ansible to install and configure Wildfly

#88 Review installation media



Upcoming Projects

Fedora Server in a virtualized runtime environment

Given the performance increases in server hardware, many use cases and business models cannot fully utilize the hardware potential. A broad market of virtualized runtime environments has developed for this scenario (VPS/VDS). .

- Support various providers offerings by specific installation images, if useful.
- Create documentation about installations on various provider systems.
- An initial post about this plan generated a lot of reaction. It gives a lot of interest and hopefully new contributors.

Fedora Server on (ARM) SBC

Fedora Server Edition is also available for Single Board Computers (SBC). There is a lot of discussion about it. And an increasing number of installations or or questions about it.

What has a solid, professional server system like Fedora Server Edition doing on such a (DIY) device?

- Determination of selection criteria, e.g. solid case, stackable case, Availability of a fast storage medium (NVME or eMMC), et altera
- Determination of useful applications, e.g. server monitor software, backup server, cockpit gateway, Ansible control node, etc.
- Provision of an "economical and energy-efficient home server appliance", compensating for software limitations of commercial WEB driven NAS