pagure:
a year in review

Agenda

- Short presentation
- Recent features
  - Upstream
- Roadmap/Ideas
- Some stats
- Questions

Short Presentation

- pagure
  - Git centric, python-base
  - Hosting
    - Source code
    - Documentation
    - Tickets
    - Pull-requests
      - Flags to integrate with 3 rd party tooling
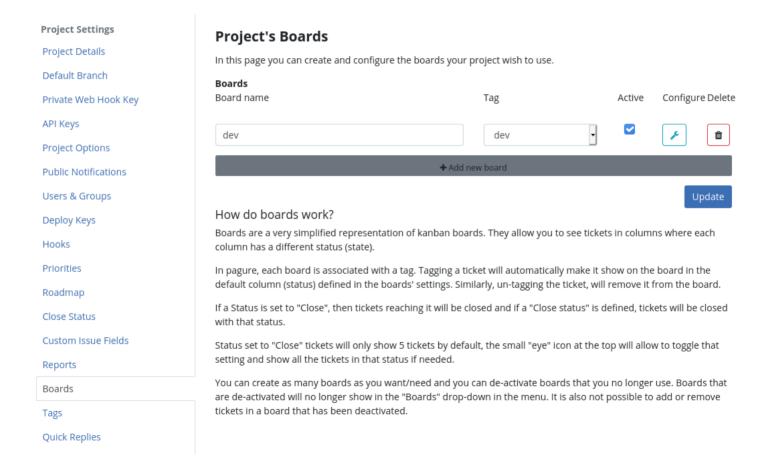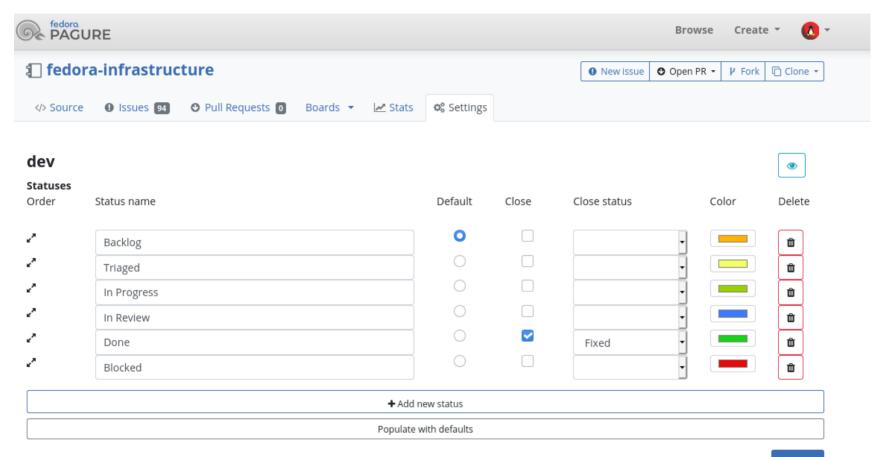 - No Lock-in
  - Extensible
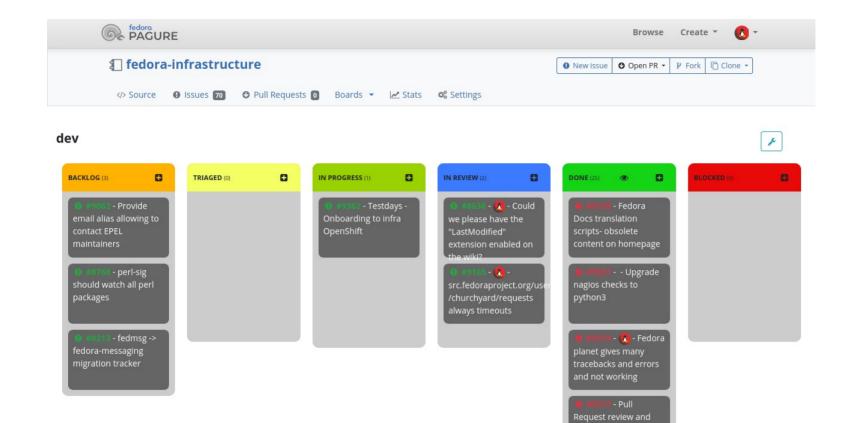
Recent Features

Upstream

Boards

- Light-weight kanban board
- As many board as desired
- 1 board linked to 1 tag
- As much status/column as desired
- Ability to close ticket, with a specified close status

▤ **fedora-infrastructure**

ⓘ New issue   ⊘ Open PR ▾   ⅄ Fork   ⎙ Clone ▾

</> Source   ⓘ Issues **94**   ⊕ Pull Requests **0**   Boards ▾   ⬈ Stats   ⚙ Settings

Project Settings

Project Details

Default Branch

Private Web Hook Key

API Keys

Project Options

Public Notifications

Users & Groups

Deploy Keys

Hooks

Priorities

Roadmap

Close Status

Custom Issue Fields

Reports

Boards

Tags

Quick Replies

Project's Boards

In this page you can create and configure the boards your project wish to use.

Boards

Board name	Tag	Active	Configure	Delete
dev	dev ▾	☑	🔧	🗑

+ Add new board

Update

How do boards work?

Boards are a very simplified representation of kanban boards. They allow you to see tickets in columns where each column has a different status (state).

In pagure, each board is associated with a tag. Tagging a ticket will automatically make it show on the board in the default column (status) defined in the boards' settings. Similarly, un-tagging the ticket, will remove it from the board.

If a Status is set to "Close", then tickets reaching it will be closed and if a "Close status" is defined, tickets will be closed with that status.

Status set to "Close" tickets will only show 5 tickets by default, the small "eye" icon at the top will allow to toggle that setting and show all the tickets in that status if needed.

You can create as many boards as you want/need and you can de-activate boards that you no longer use. Boards that are de-activated will no longer show in the "Boards" drop-down in the menu. It is also not possible to add or remove tickets in a board that has been deactivated.

🗐 fedora-infrastructure

New issue | Open PR ▾ | Fork | Clone ▾

</> Source | Issues **94** | ⬇ Pull Requests **0** | Boards ▾ | Stats | ⚙ Settings

dev   👁

Statuses

Order	Status name	Default	Close	Close status	Color	Delete
↗	Backlog	🔘	☐	▾	🟧	🗑
↗	Triaged	○	☐	▾	🟨	🗑
↗	In Progress	○	☐	▾	🟩	🗑
↗	In Review	○	☐	▾	🟦	🗑
↗	Done	○	☑	Fixed ▾	🟩	🗑
↗	Blocked	○	☐	▾	🟥	🗑

➕ Add new status

Populate with defaults

Update

fedora
PAGURE

📓 **fedora-infrastructure**

ⓘ New issue   ⊗ Open PR ▾   ⑂ Fork   ⧉ Clone ▾

</> Source   ⓘ Issues `70`   ⬇ Pull Requests `0`   Boards ▾   📈 Stats   ⚙ Settings

dev   🔧

BACKLOG (3) ➕	TRIAGED (0) ➕	IN PROGRESS (1) ➕	IN REVIEW (2) ➕	DONE (25) 👁 ➕	BLOCKED (0) ➕
ⓘ **#9062** - Provide email alias allowing to contact EPEL maintainers		ⓘ **#9362** - Testdays - Onboarding to infra OpenShift	ⓘ **#8636** - ⬤ - Could we please have the "LastModified" extension enabled on the wiki?	ⓘ **#9126** - Fedora Docs translation scripts- obsolete content on homepage	
ⓘ **#8768** - perl-sig should watch all perl packages			ⓘ **#9165** - ⬤ - src.fedoraproject.org/user /churchyard/requests always timeouts	ⓘ **#5851** - - Upgrade nagios checks to python3	
ⓘ **#8213** - fedmsg -> fedora-messaging migration tracker				ⓘ **#9274** - ⬤ - Fedora planet gives many tracebacks and errors and not working	
				ⓘ **#9317** - Pull Request review and update deployment for Mote (IRC meeting log web app)	
				ⓘ **#9199** - 🦎 - Merge distgit-bugzilla-sync into toddlers	

Collaborators

- 4th ACL
  - Between Ticket and Commit
- Branch-level access
- Pattern matching
  - features/*
  - epel*
  - foo

🗐 fedobuild

ⓘ New issue   ⊙ Open PR ▾   ⅄ Fork   ⧉ Clone ▾

</> Source   ⓘ Issues 0   ⊙ Pull Requests 0   📈 Stats   ⚙ Settings

---

Add user to the fedobuild project

Username

| cverna | ▾ |

| collaborator | ⬍ |

| feature/*,devel |

[Add] [Cancel]

Access Levels

Ticket: A user or a group with this level of access can only edit metadata of an issue. This includes changing the status of an issue, adding/removing tags from them, adding/removing assignees and every other option which can be accessed when you click "Edit Metadata" button in an issue page. However, this user can not "create" a new tag or "delete" an existing tag because, that would involve access to settings page of the project which this user won't have. It also won't be able to "delete" the issue because, it falls outside of "Edit Metadata".

Collaborator: A user or a group with this level of access can do everything what a user/group with ticket access can do + it can commit to some branches in the project. These branches are defined here using their name or a pattern and needs to be comma separated.
Some examples:

- master,features/*
- el*
- master,f*

HTTP Push

- "local" authentication
  - username/password

- "openid"/"oidc" authentication
  - username/API token

```
  (git)-[master]-[pierrey@flame pagure]$ git push pagure_stg_https
Username for 'https://stg.pagure.io': pingou
Password for 'https://pingou@stg.pagure.io':
```
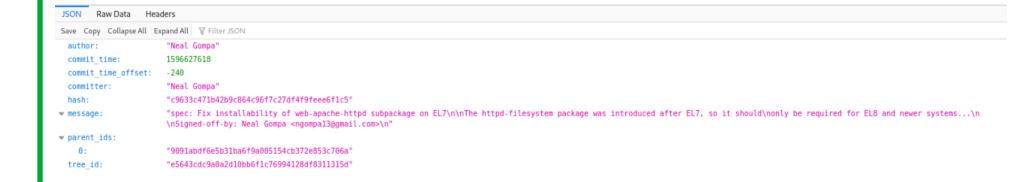
Customized New Issue Page

```
(git)-[master]-[pierrey@flame fedora-infrastructure]$ cat templates/contributing.md
You are about to open a ticket to the Fedora Infrastructure team.

If this is your first time doing so, you can find more information on how to
work with at:
https://docs.fedoraproject.org/en-US/cpe/day_to_day_fedora/

Thanks!
(git)-[master]-[pierrey@flame fedora-infrastructure]$
```

Fedora
PAGURE

Browse   Create

🗐 fedora-infrastructure   ⓘ New issue   ⊕ Open PR ▾   ⑂ Fork   ⧉ Clone ▾

</> Source   ⓘ Issues 102   ⊕ Pull Requests 0   Boards ▾   📈 Stats   ⚙ Settings

New Issue

You are about to open a ticket to the Fedora Infrastructure team.

If this is your first time doing so, you can find more information on how to
work with at:
https://docs.fedoraproject.org/en-US/cpe/day_to_day_fedora/

Thanks!

| Issue Title |

☰ Types ▾   Preview   Edit

```
# Describe what you would like us to do:
----

# When do you need this to be done by? (YYYY/MM/DD)
----
```

| Browse to attach images or drag them into the comment field | Browse |

Comments use Markdown Syntax   ☐ Private   Create Issue

METADATA

👤 **Assignee**

| username |

🏷 **Tags**

| tag1, tag2 |

⚡ **Priority**

| Needs Review ▾ |

New Issues stats page

New API Endpoints

- Commit info
- List files in git repo
- Delete project

Commit info

JSON	Raw Data	Headers

Save Copy Collapse All Expand All ▽ Filter JSON

author: "Neal Gompa"
commit_time: 1596627618
commit_time_offset: -240
committer: "Neal Gompa"
hash: "c9633c471b42b9c864c96f7c27df4f9feee6f1c5"
▼ message: "spec: Fix installability of web-apache-httpd subpackage on EL7\n\nThe httpd-filesystem package was introduced after EL7, so it should\nonly be required for EL8 and newer systems...\n
                     \nSigned-off-by: Neal Gompa <ngompa13@gmail.com>\n"
▼ parent_ids:
    0:               "9091abdf6e5b31ba6f9a005154cb372e853c706a"
  tree_id: "e5643cdc9a0a2d10bb6f1c76994128df8311315d"

Files in git repo

Others

- Ported the tests suite to run with pytest

- Now using whitenoise to serve theme static assets

- Default branch set upon creation

- Pagure is now easier than ever to deploy in containers/kubernetes
  - http push → no longer need for ssh
  - Whitenoise → pagure serves the static files directly now

Roadmap / Ideas

Roadmap / Ideas

- Retire gitolite backends
  - Make the "pagure" auth backend default
- Retire repoSpanner support
- Retire python2 support
- Retire fedmsg support

- Kerberos support for git push
- Kerberos support as an auth backend

Some Stats

Stats

	commits	contributors	tickets opened	tickets closed	% closed	PR opened	PR closed	% PR closed
2020	269	21	159	98	61.64	127	133	104.72
2019	447	27	264	194	36.74	277	271	97.83
2018	1332	57	528	490	92.98	761	763	100.26
2017	1440	54	565	408	72.21	605	600	99.17
2016	1935	51	490	195	78.31	647	652	100.77
2015	2777	26	249	0	0	295	279	94.58
2014	873	4	0	0	0	0	0	0
Total	9073	164	2255	1385	61.42	2712	2698	99.48

Finish

Thank You