

# GitHub

## Contribute to GitHub

Steps to contribute your changes / patches in open source repository.

1. Fork the repository
2. Create a new branch (`git checkout -b feature-branch`)
3. Make your changes
4. Commit (`git commit -m 'Add new feature'`)
5. Push to the branch (`git push origin feature-branch`)
6. Open a Pull Request

## Preparing your Fork

1. Hit 'fork' on Github, creating e.g. yourname/theproject
2. Clone your project:

```
git clone git@github.com:yourname/theproject
```

3. Create a branch:

```
cd theproject  
git checkout -b feature-branch
```

## Making your Changes

1. Add changelog entry crediting yourself.
2. Write tests expecting the correct/fixed functionality; make sure they fail.
3. Hack, hack, hack.
4. Run tests again, making sure they pass.
5. Commit your changes:

```
git commit -m "Foo the bars"
```

# Creating Pull Requests

1. Push your commit to get it back up to your fork:

```
git push origin feature-branch
```

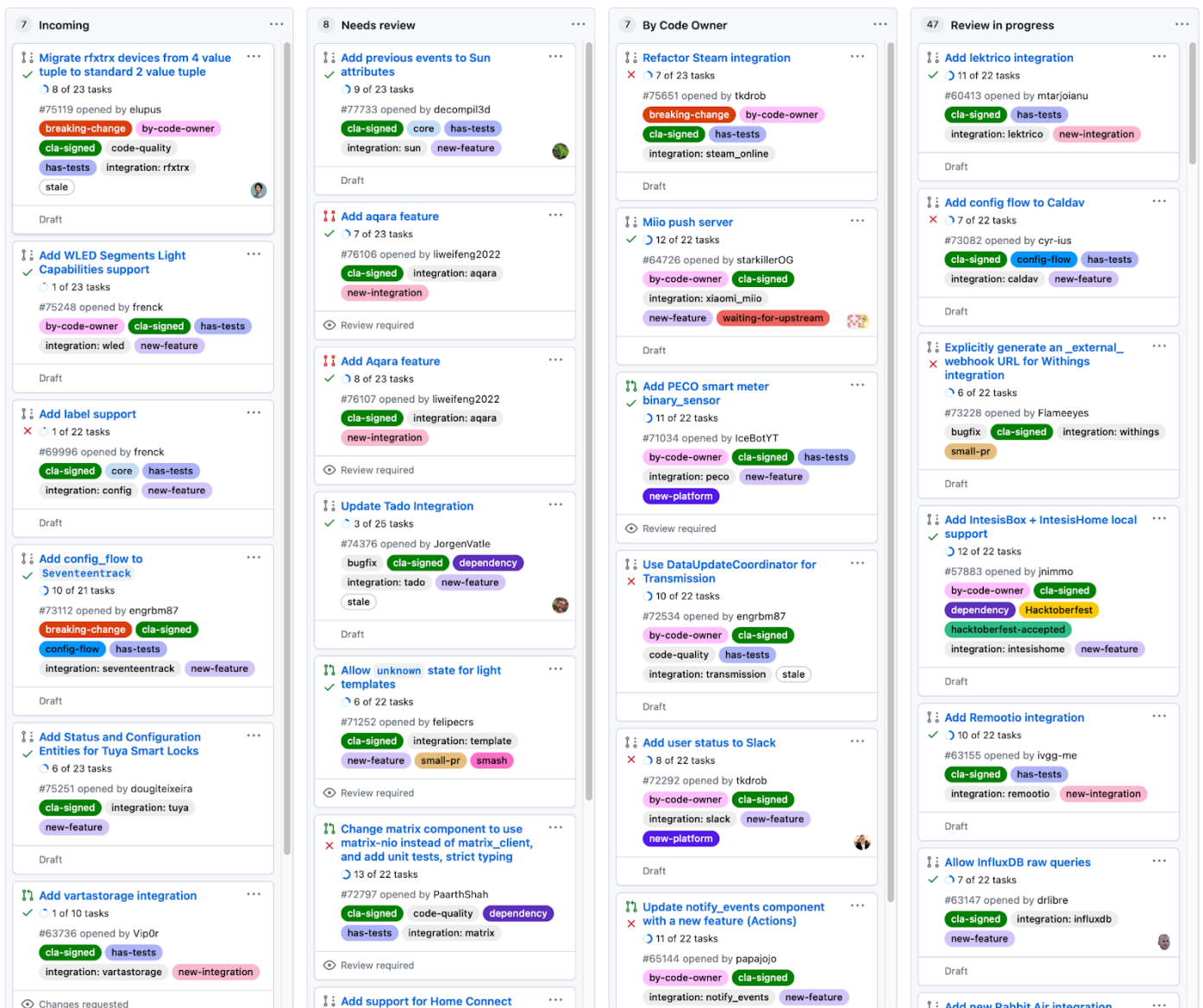
2. Visit Github, click handy “Pull request” button that it will make upon noticing your new branch.

3. In the description field, write down issue number (if submitting code fixing an existing issue) or describe the issue + your fix (if submitting a wholly new bugfix).

4. Hit ‘submit’! And please be patient - the maintainers will get to you when they can.

## GitHub Project

GitHub offers multiple tools to manage and plan your work. For example, GitHub Projects is a flexible tool for tracking and managing work on GitHub. You can use Projects to create an adaptable spreadsheet, task-board, and road map which integrates with your issues and pull requests. With GitHub projects, you can filter, sort, and group your issues and pull requests and customize to fit your team’s workflow. Projects can be created in a repository, and then issues can be added to them.



# GitHub Issues

GitHub Issues is a part of GitHub Projects, and it provides a way to track tasks that you need to complete. An issue can be a bug, a feature request, or a housekeeping task (like upgrading a library to the latest version). Issues can have extensive text and descriptions attached to them, including screenshots and snippets of code. Issues can be discussed, commented on, assigned to people, and tagged.

Filters

Q is:pr is:open

🏷️ Labels 1,989

📌 Milestones 1

New pull request

🔗 528 Open

✓ 56,180 Closed

Author

Label

Projects

Milestones

Reviews

Assignee

Sort

🔗 Set up shopping list during onboarding

•

cla-signed

core

has-tests

integration: onboarding

integration: shopping\_list

🗨️ 1

new-feature

Quality Scale: internal

small-pr

#97974 opened 14 minutes ago by frenck · Review required

🔄 9 of 20 tasks

🔗 Modernize aemet weather

✓

cla-signed

deprecation

has-tests

integration: aemet

Quality Scale: No score

🗨️ 1

#97969 opened 2 hours ago by emontnemery · Review required

📄 20 tasks

🔗 Use datetime.now and datetime.fromtimestamp

✗

cla-signed

code-quality

core

has-tests

🗨️ 1

#97964 opened 4 hours ago by cdce8p · Draft

🔄 1 of 20 tasks

🔗 Fix docstrings in mobile app device tracker

✓

cla-signed

code-quality

core

integration: mobile\_app

🗨️ 1

Quality Scale: internal

small-pr

#97963 opened 4 hours ago by joostlek · Review required

🔄 7 of 20 tasks

🔗 Modbus: set state\_class etc in slaves

✓

bugfix

by-code-owner

cla-signed

integration: modbus

Quality Scale: gold

🗨️ 1

small-pr

#97961 opened 4 hours ago by janiversen · Review required

🔄 8 of 20 tasks

🔗 modbus: Repair swap for slaves

✓

bugfix

by-code-owner

cla-signed

has-tests

integration: modbus

Quality Scale: gold

🗨️ 1

small-pr

#97960 opened 4 hours ago by janiversen · Review required

🔄 8 of 20 tasks

🔗 Add unique\_id to media\_player entity of frontier\_silicon

✓

bugfix

by-code-owner

cla-signed

🕒 1

integration: frontier\_silicon

Quality Scale: No score

small-pr

#97955 opened 7 hours ago by wlcrs · Review required

🔄 7 of 20 tasks

🔗 Restore bthome state at start when device is in range or sleepy

✓

cla-signed

has-tests

integration: bthome

🕒 1

🚦

🗨️ 3

new-feature

Quality Scale: No score

small-pr

#97949 opened 9 hours ago by bdraco · Approved

🔄 3 of 20 tasks

🔗 Add initial sensors for Enphase Encharge batteries

✓

cla-signed

integration: enphase\_envoy

new-feature

🗨️ 8

Quality Scale: No score

#97946 opened 13 hours ago by cgarwood · Draft

🔄 6 of 20 tasks

🔗 Experiment to add support for Yale Doorman to august

✗

by-code-owner

cla-signed

integration: august

🗨️

Quality Scale: No score

#97940 opened 18 hours ago by bdraco · Draft

📄 20 tasks

Tip: ????? issue ?????????? git commit ?????????? #+Issue NO. ???  
Fixed this bug #156

## Resources

- [A Quick Guide to Using GitHub for Project Management](#)
  - This article provides a brief overview of project management tools on GitHub.
- [GitHub for project management](#)
  - This lesson offers detailed descriptions of GitHub’s project management tools.
- [Using GitHub as your Project Management Tool](#)
  - This video provides examples on GitHub project management tools.
- [GitHub Issues: Project Planning for Developers](#)
  - This GitHub page shows the many project management tools available for developers.

Revision #13

Created 11 April 2023 11:38:38 by Admin

Updated 10 February 2025 15:04:19 by Admin