

Kanban boards in github

Qualities of Effective Teams

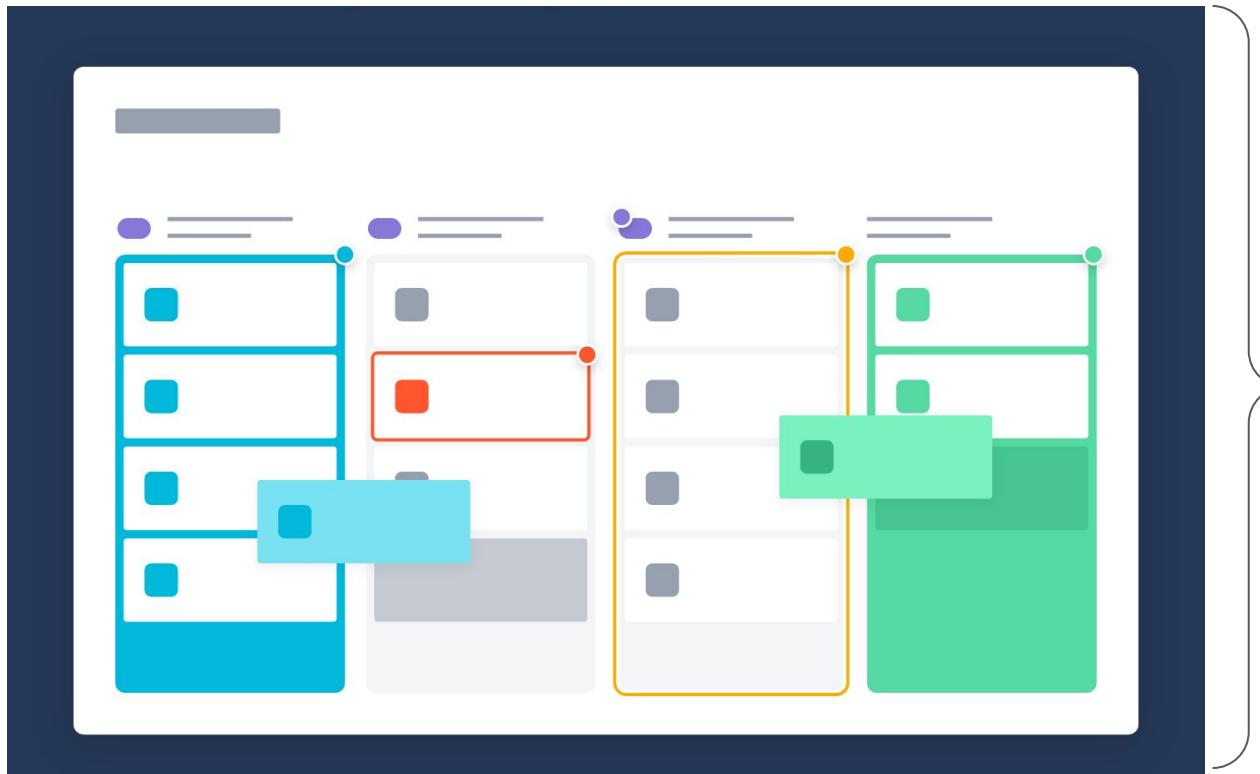
- Clear, straightforward **communication**
- The load is shared
- Adaptable to changing circumstances
- Reliable
- Supportive
- Shared goal/Collaborative/Cooperative

Agile workflow

- Sprints
- Minimally Viable Product/Iteration
- Retrospectives
- Daily Standup
 - Kanban Boards

Kanban board

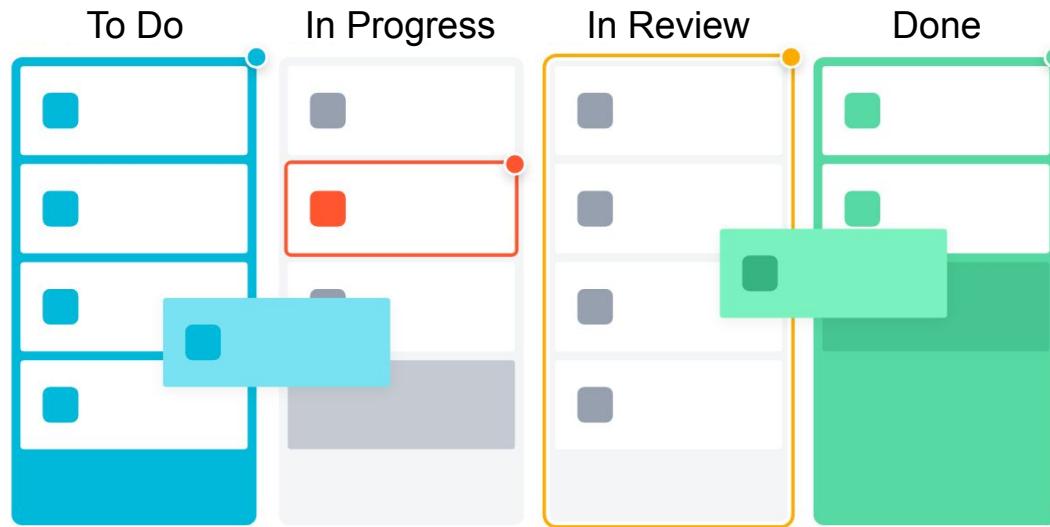
A Kanban board is an effective tool for visualizing the work for each member on a team. Using in Daily Standup helps guide the conversation.



This whole
thing is the
Kanban
board

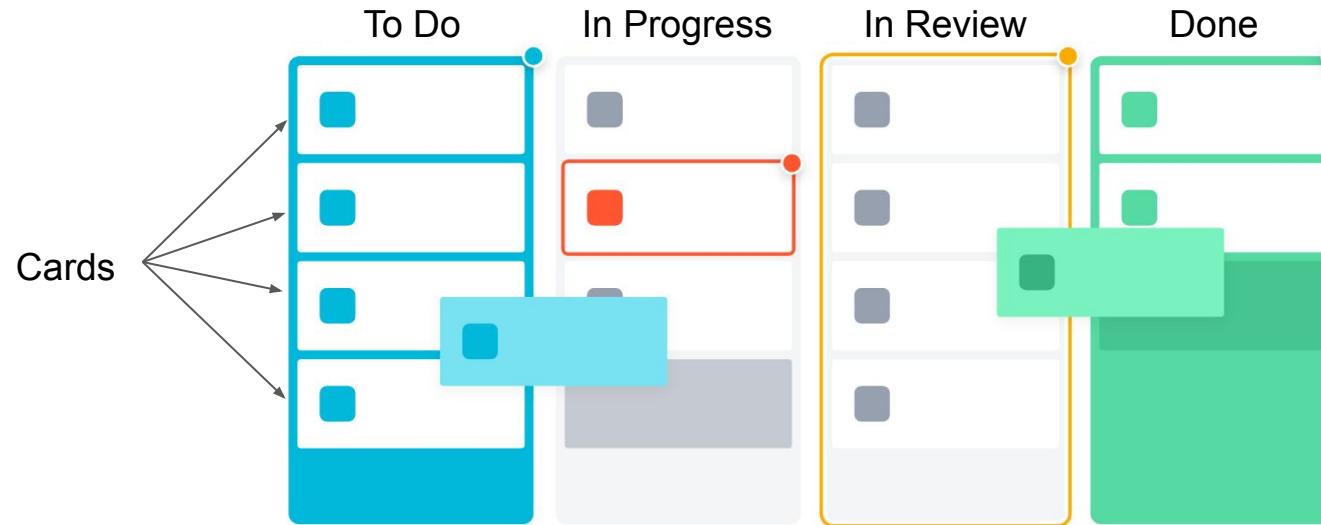
Kanban board

There are multiple columns corresponding to different stages of work



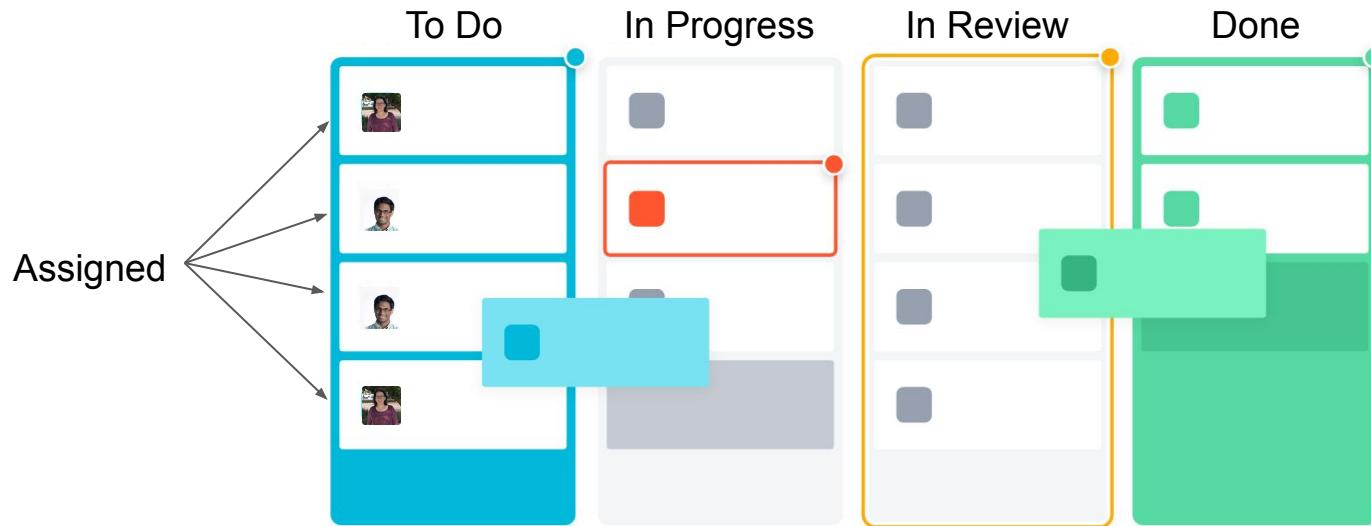
Kanban board

The columns are filled with tasks (issues/cards/tickets) that need to be completed.



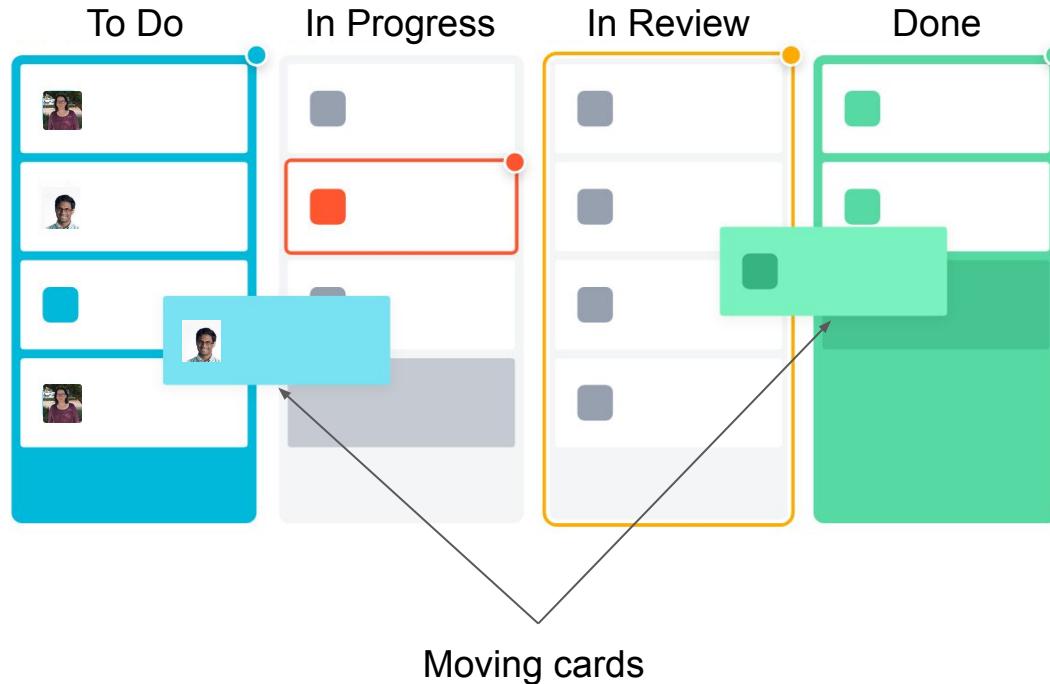
Kanban board

Cards are assigned to individuals



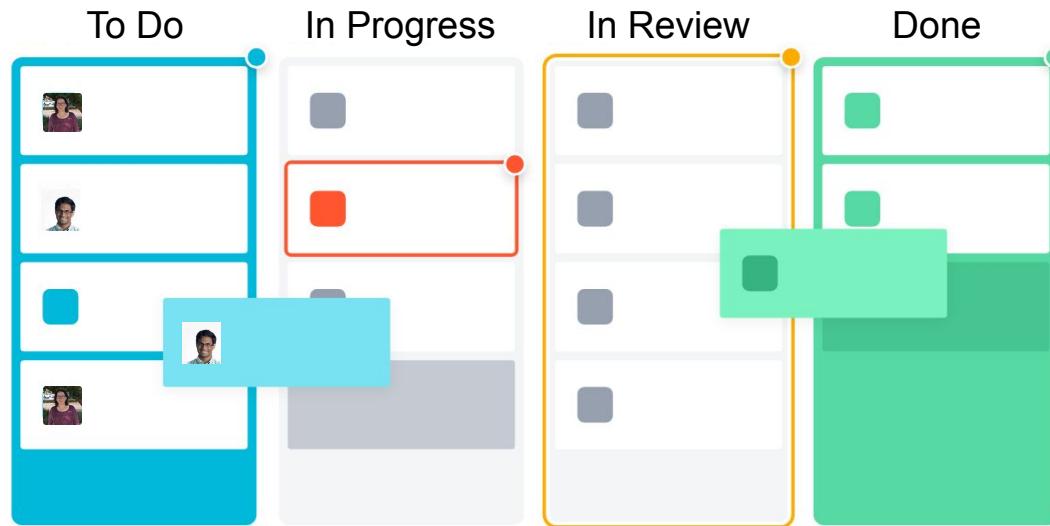
Kanban board

Cards are moved through the different columns as work progresses



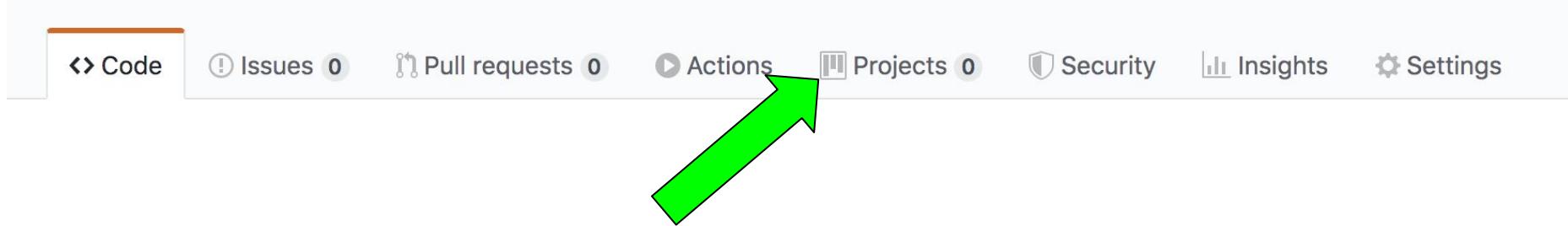
Kanban board

When work is ready for other teammates to look it over it goes into **In Review**. When the team decides the work is good, then it moves into the **Done** column



How to set up a Kanban board in Github

Use the top bar in github to navigate between different parts of the repository



Click the projects tab to view existing projects or create a new one

Click Create a Project

The screenshot shows the GitHub interface for managing projects. At the top, there is a navigation bar with links for Code, Issues (0), Pull requests (0), Actions, Projects (0) [highlighted in orange], Security, Insights, and Settings. Below the navigation bar, a section titled "Organize your issues with project boards" is displayed. This section includes a brief description: "Did you know you can manage projects in the same place you keep your code? Set up a project board on GitHub to streamline and automate your workflow." To the right of this description are two buttons: "Learn More" and a prominent green "Create a project" button. A large green arrow points from the top right towards the "Create a project" button. The main content area below the introduction is organized into six sections, each with an icon and a title:

- Sort tasks**: Add issues and pull requests to your board and prioritize them alongside note cards containing ideas or task lists.
- Plan your project**: Sort tasks into columns by status. You can label columns with status indicators like "To Do", "In Progress", and "Done".
- Automate your workflow**: Set up triggering events to save time on project management—we'll move tasks into the right columns for you.
- Track progress**: Keep track of everything happening in your project and see exactly what's changed since the last time you looked.
- Share status**: Each card has a unique URL, making it easy to share and discuss individual tasks with your team.
- Wrap up**: After you wrap up your work, close your project board to remove it from your active projects list. On to the next project!

Create a new project

Coordinate, track, and update your work in one place, so projects stay transparent and on schedule.

Project board name

Set up new Readme

Description (optional)

We made a new repo, yay! Any good repo needs a good Readme. This project will cover the work for setting up the Readme.

Project template

Save yourself time with a pre-configured project board template.

Template: None ▾

Templates

✓ None

Start from scratch with a completely blank project board. You can add columns and configure automation settings yourself.

Basic kanban

Basic kanban-style board with columns for To do, In progress and Done.

You can give your project a name, description, and select the type of Kanban board you want. We recommend selecting **Basic Kanban**

[Code](#)[Issues 0](#)[Pull requests 0](#)[Actions](#)[Projects 0](#)[Wiki](#)[Security](#)[Insights](#)[Settings](#)

Create a new project

Coordinate, track, and update your work in one place, so projects stay transparent and on schedule.

Project board name

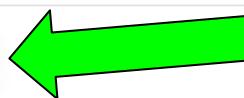
Description (optional)

We made a new repo, yay! Any good repo needs a good Readme. This project will cover the work for setting up the Readme.

Once that is all set up you can click **Create project**

Project template

Save yourself time with a pre-configured project board template.

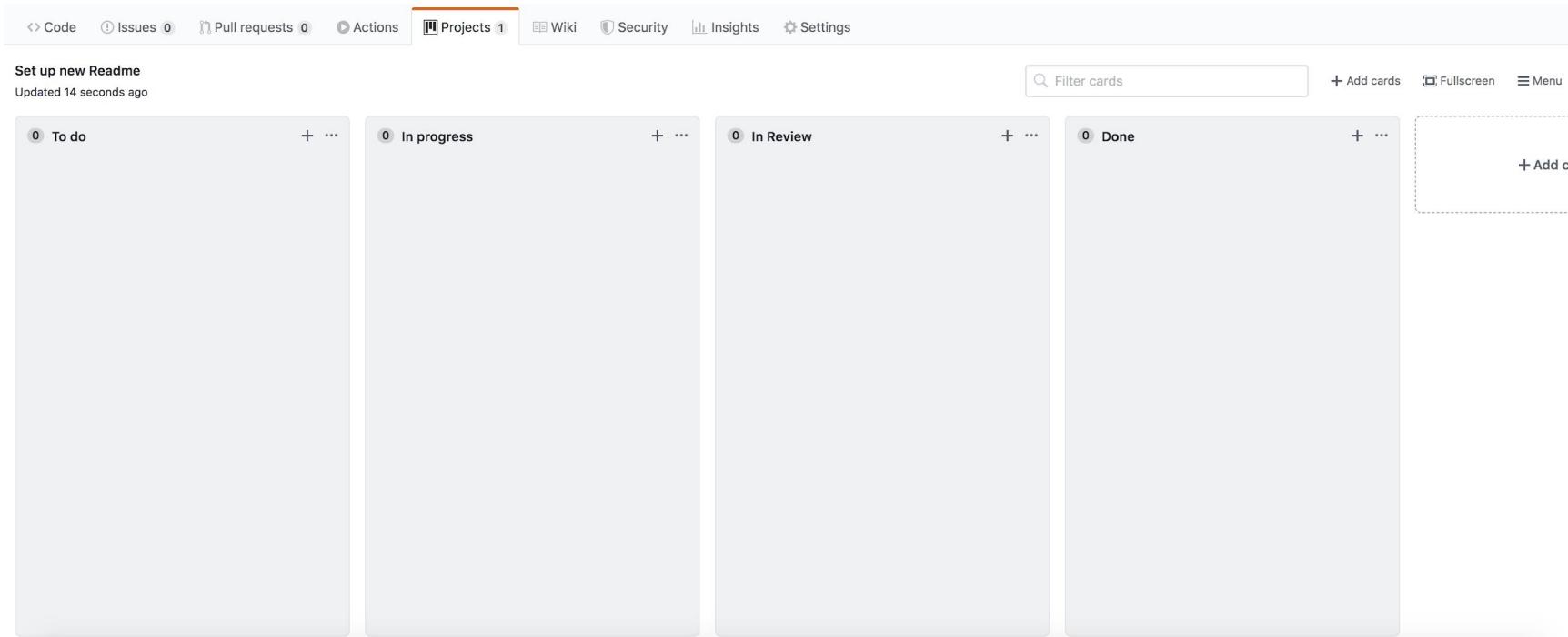


This is what the new project will look like. This layout is called a Kanban board. There are different columns that show the status of a task. Everything starts in **To do**, then moves to the right all the way to **Done**.

The screenshot shows the GitHub Projects interface with a Kanban board layout. At the top, there are navigation links: Code, Issues 0, Pull requests 0, Actions, Projects 1 (which is highlighted), Wiki, Security, Insights, and Settings. Below the header, there's a message: "Set up new Readme" with a progress bar and "Updated now". The main area features three columns: "To do", "In progress", and "Done". The "To do" column contains a single card titled "Welcome to GitHub Projects" with the following text: "We're so excited that you've decided to create a new project! Now that you're here, let's make sure you know how to get the most out of GitHub Projects." Below this, there's a list of checkboxes: "Create a new project" (checked), "Give your project a name" (checked), "Press the ? key to see available keyboard shortcuts" (unchecked), "Add a new column" (unchecked), "Drag and drop this card to the new column" (unchecked), "Search for and add issues or PRs to your project" (unchecked), "Manage automation on columns" (unchecked), and "Archive a card" (unchecked). The card was added by "raom1". The "In progress" and "Done" columns currently have zero cards. To the right of the board, there's a sidebar titled "+ Add cards" with a search bar ("Filter cards") containing "is:open". It also includes a note: "You can use the filters available in issue search." Below this is a "Search results" section with the message "No results".

But there's nothing in there right now. Let's fill it up with things to do!

We recommend deleting the cards in **To Do**, renaming **Done** to **In Review**, and adding a new **Done** column. The kanban board should look something like this:



But there's nothing in there right now. Let's fill it up with things to do!

Move over to the **Issues** tab and click **New issue**

The screenshot shows the GitHub Issues interface. At the top, there is a navigation bar with several tabs: 'Code', 'Issues 0' (which is highlighted with a red border), 'Pull requests 0', 'Actions', 'Projects 1', 'Security', 'Insights', and 'Settings'. Below the navigation bar are several search and filter options: 'Filters ▾', a search bar containing 'Issue is:open', 'Labels 9', 'Milestones 0', and a prominent green button labeled 'New issue'. A large green arrow points upwards from the bottom right towards the 'Issues' tab. Another large green arrow points upwards from the bottom left towards the 'New issue' button. In the center of the page, there is a large circular icon with an exclamation mark and the text 'Welcome to Issues!'. Below this, a descriptive paragraph reads: 'Issues are used to track todos, bugs, feature requests, and more. As issues are created, they'll appear here in a searchable and filterable list. To get started, you should [create an issue](#)'.

Fill out the Title and give a good description. You can also add other tags. When done click **Submit new issue**

Add introduction in Readme

Related Issues [Beta](#) . [Try it.](#)

Write Preview

AA B i “ <> ⌂

This repo is about how to set up a Kanban board in Github. Add an introduction to the Readme to describe the goal of the repo

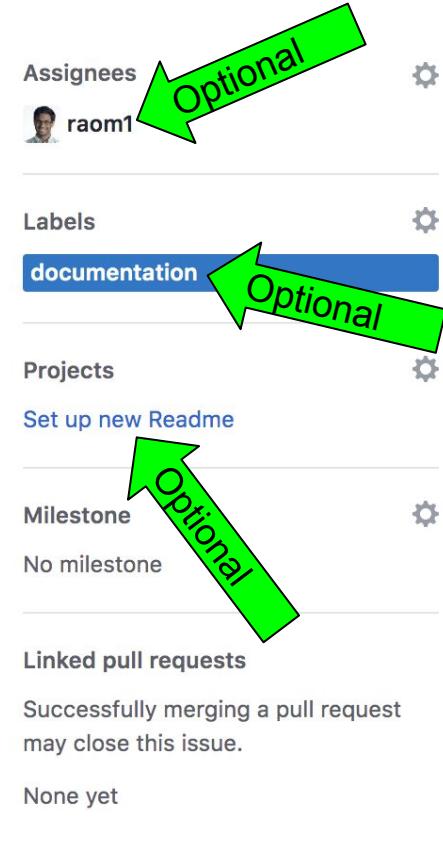
Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported

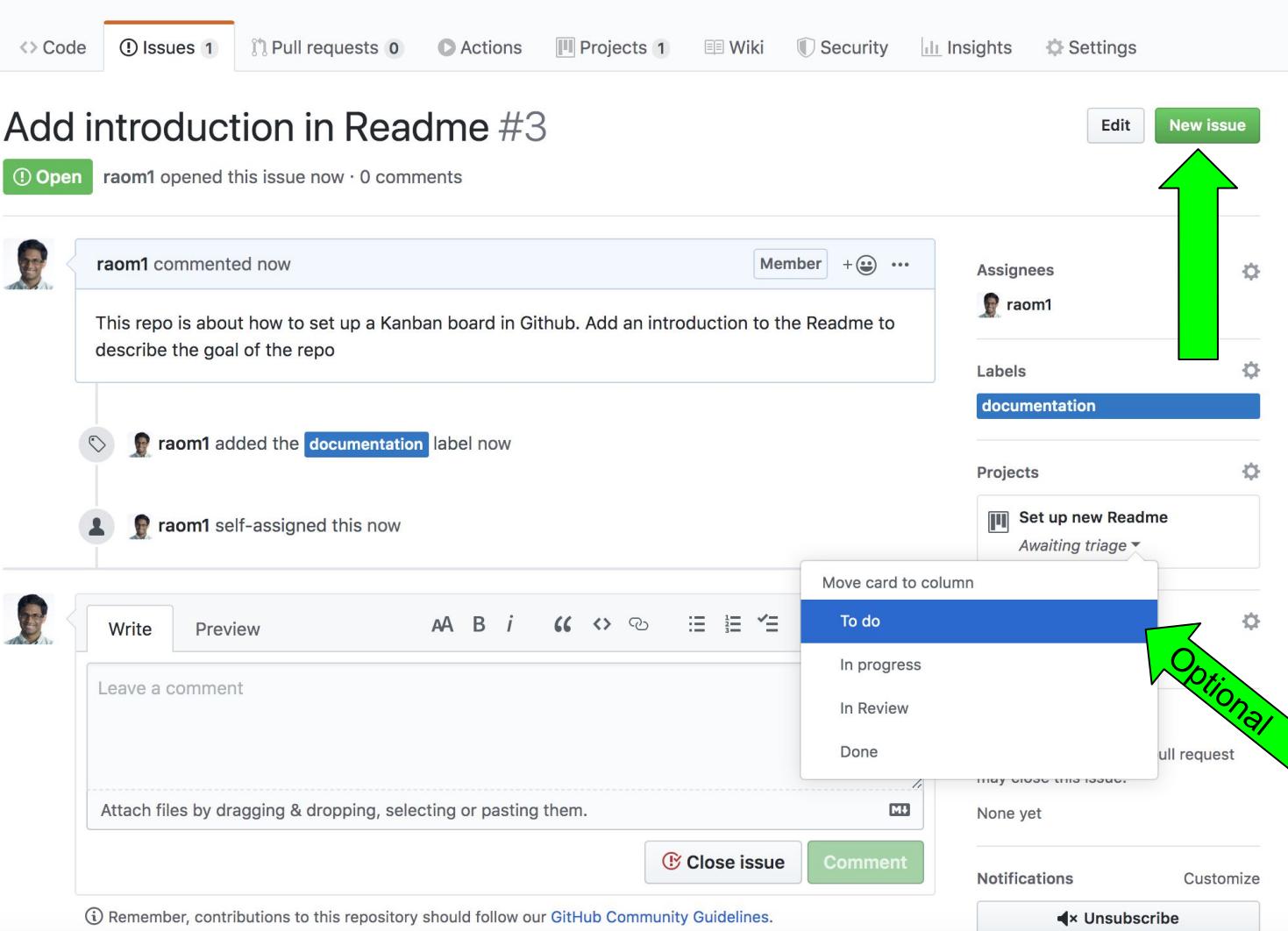
Simil

Third

Submit new issue



Remember, contributions to this repository should follow our GitHub Community Guidelines.



Each issue has a history, which you will see after creating the issue.

You can specify what column the issue should go in.

You can add even more by clicking **New issue**

Optional

This one is just filling out the bare minimum.

The screenshot shows the GitHub interface for creating a new issue. At the top left is a user profile picture of a man with glasses. The title field contains "Add images to Readme". Below the title is a toolbar with "Write" and "Preview" buttons, and various text and code editing icons (AA, B, i, {}, <>, etc.). The main body of the issue has the text: "No Readme is complete without helpful images. Add some in to help guide the reader!". Below the body is a file attachment section with the placeholder "Attach files by dragging & dropping, selecting or pasting them." A note says "Styling with Markdown is supported". To the right of the body are buttons for "Similar to 2 existing issues" and a large green "Submit new issue" button. At the bottom is a note about following GitHub Community Guidelines.

Add images to Readme

Related Issues Beta . Try it.

Write Preview

No Readme is complete without helpful images. Add some in to help guide the reader!

Attach files by dragging & dropping, selecting or pasting them.

M Styling with Markdown is supported

Similar to 2 existing issues

Submit new issue

ⓘ Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Assignees



No one—assign yourself

Labels



None yet

Projects



None yet

Milestone



No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

Helpful resources

[GitHub Community Guidelines](#)

Back at the beginning of the **Issues** tab you can see the issues you've created. The first issue has a tag and an assignee, the second has only the title.

Code Issues 2 Pull requests 0 Actions Projects 1 Wiki Security Insights Settings

Label issues and pull requests for new contributors Dismiss

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

Filters ▾ is:issue is:open Labels 9 Milestones 0 New issue

ⓘ 2 Open ✓ 1 Closed Author ▾ Label ▾ Projects ▾ Milestones ▾ Assignee ▾ Sort ▾

ⓘ Add images to Readme #4 opened now by raom1

ⓘ Add introduction in Readme [documentation](#) #3 opened 5 minutes ago by raom1 

In the **Projects** tab you can see the kanban board you had created earlier

The screenshot shows the GitHub interface with the 'Projects' tab selected. The top navigation bar includes links for Code, Issues (2), Pull requests (0), Actions, Projects (1), Wiki, Security, Insights, and Settings. A search bar contains the query 'is:open'. A green button labeled 'New project' is visible on the right. Below the search bar, a summary shows '1 Open' and '2 Closed' projects. The single open project card is titled 'Set up new Readme' and contains the following details: 'Updated 5 minutes ago' and a description: 'We made a new repo, yay! Any good repo needs a good Readme. This project will cover the work for setting up the Readme.' There is also a three-dot menu icon at the end of the card.

Code Issues 2 Pull requests 0 Actions Projects 1 Wiki Security Insights Settings

is:open

New project

1 Open ✓ 2 Closed Sort ▾

Set up new Readme
Updated 5 minutes ago

We made a new repo, yay! Any good repo needs a good Readme. This project will cover the work for setting up the Readme. ⋮

When you open it up you can see the first issue, which we had assigned to this project when we were first making it. To add additional issues, click on **+Add cards**

The screenshot shows a project board interface with the following details:

- Header:** Includes links for Code, Issues (2), Pull requests (0), Actions, Projects (1, highlighted in orange), Wiki, Security, Insights, and Settings.
- Left sidebar:** "Set up new Readme" (Updated 5 minutes ago).
- Project Board Columns:**
 - To do:** 1 card, titled "Add introduction in Readme" (#3 opened by raom1 documentation). A green arrow points from the "In progress" column towards this card.
 - In progress:** 0 cards.
 - In Review:** 0 cards.
 - Done:** 0 cards.
- Right side:** A large green arrow points upwards towards the "+ Add cards" button located at the top right of the board area.
- Top right controls:** Filter cards search bar, + Add cards button, Fullscreen icon, and Menu icon.

You can search for unassigned tickets and drag and drop into a column (usually **To Do**)

The screenshot shows a project board interface with four columns: **To do**, **In progress**, **In Review**, and **Done**. The **To do** column contains one card: "Add introduction in Readme" (issue #3). The **In progress** column is empty. The **In Review** and **Done** columns are also empty. On the right side, there is a sidebar titled "+ Add cards" with a search bar containing "Filter cards". Below the search bar, a filter "is:open" is applied, with the instruction "You can use the filters available in issue search." and a "Search results" section showing the same "Add introduction in Readme" card from the **To do** column. A large green arrow points upwards from the search results section towards the filter bar.

Code Issues 2 Pull requests 0 Actions Projects 1 Wiki Security Insights Settings

Set up new Readme Updated 5 minutes ago

1 To do + ...

0 In progress + ...

0 In Review + ...

0 Done + ...

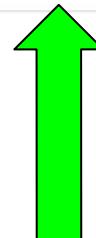
Filter cards

is:open

You can use the filters available in issue search.

Search results

1 Add introduction in Readme #3 opened by raom1 documentation



You can add information to issues by clicking on the issue title.

The screenshot shows a project management interface with a top navigation bar featuring links for Code, Issues (2), Pull requests (0), Actions, Projects (1), Wiki, Security, Insights, and Settings. Below the navigation is a message: "Set up new Readme" with a progress bar, updated 5 minutes ago. The main area displays a Kanban board with four columns: To do, In progress, In Review, and Done. The To do column contains two issues: "Add introduction in Readme" (#3) and "Add images to Readme" (#4). The "Add images to Readme" issue is highlighted with a blue border and has a green arrow pointing to its title. The In progress, In Review, and Done columns are currently empty. To the right of the board is a sidebar titled "+ Add cards" with a search bar labeled "Filter cards". It shows a filter for "is:open" and a message: "You can use the filters available in issue search." Below the sidebar is a section titled "Search results".

In the quick view you can add assignees and labels. Best practice is to never have unassigned issues.

The screenshot shows a GitHub project board with four columns: To do, In progress, In Review, and Done. Two issues are visible in the To do column:

- Add introduction in Readme** (#3) - opened by raom1. Labels: documentation.
- Add images to Readme** (#4) - opened by raom1. Labels: documentation, enhancement.

A large green arrow points from the To do column to the Done column, indicating the flow of work. The Done column is currently empty.

Assignees: raom1

Labels: documentation, enhancement

Projects: Set up new Readme

[Go to issue for full details](#) | [Close issue](#)

As you work on tasks and get them ready for review you can move them through the different columns

The screenshot shows a project management interface with a top navigation bar featuring links for Code, Issues (2), Pull requests (0), Actions, Projects (1), Wiki, Security, Insights, and Settings. Below the navigation is a card titled "Set up new Readme" with a progress bar, updated 1 hour ago. A search bar labeled "Filter cards" and a "Add cards" button are also present. The main area displays a Kanban board with four columns:

- To do:** 1 card, "Add images to Readme" (opened by raom1), with tags documentation, enhancement.
- In progress:** 1 card, "Add introduction in Readme" (opened by raom1), with tag documentation.
- In Review:** 0 cards.
- Done:** 0 cards.

When you work on a task as part of a group you will work in your own branch

A screenshot of a GitHub repository interface. At the top, there's a navigation bar with links for Code, Issues (2), Pull requests (0), Actions, Projects (1), Wiki, Security, Insights, and Settings. Below the navigation bar, the repository path is shown as "Branch: feat/update_re...". A green arrow points from the text "Kanban / README.md" to the dropdown menu. To the right of the dropdown are "Find file" and "Copy path" buttons. The main content area shows a single commit by user "raom1" with the message "Update README.md". The commit was made "now" with a commit hash of "36dd4d6". Below the commit, it says "1 contributor". At the bottom of the commit card, there are links for Raw, Blame, History, and icons for desktop, edit, and delete. A large green arrow points from the text "Starting to add some new content" to the "Introduction" section below.

Branch: **feat/update_re...** [Kanban](#) / README.md [Find file](#) [Copy path](#)

raom1 Update README.md 36dd4d6 now

1 contributor

4 lines (3 sloc) | 58 Bytes [Raw](#) [Blame](#) [History](#)

Kanban

Introduction

Starting to add some new content

When you finish your work you will create a **Pull request**, which will allow others to review your work before you **merge** the branch back into master

The screenshot shows a GitHub repository interface. At the top, there is a navigation bar with links: Code, Issues (2), Pull requests (0) (highlighted with a red box and a large green arrow pointing to it), Actions, Projects (1), Wiki, Security, Insights, and Settings.

A modal window is open, titled "Label issues and pull requests for new contributors". It contains the text: "Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)". There is a "Dismiss" link in the top right corner of the modal.

Below the modal, the main content area shows "Your recently pushed branches:" with a card for "feat/update_readme (1 minute ago)". To the right of the card is a green "Compare & pull request" button.

At the bottom of the screen, there are several filters and search bars: "Filters" dropdown, search bar with query "is:pr is:open", "Labels 9" button, "Milestones 0" button, and a prominent green "New pull request" button.

Below the filters, there are summary statistics: "0 Open" and "1 Closed". To the right are dropdown menus for "Author", "Label", "Projects", "Milestones", "Reviews", "Assignee", and "Sort".

Github will display the differences with what is on **Master**. Verify the correct branches have been selected. Click **Create pull request**.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.

base: master ▾ ← compare: feat/update_readme ▾

Create pull request Discuss and review the changes in this comparison with others. ?

Commits 1 file changed 0 commit comments 1 contributor

Mar 02, 2020

Commits 1 file changed 0 commit comments 1 contributor

raom1 Mar 02, 2020

raom1 Update README.md ... Verified 8744dc3

raom1 Update README.md Verified 36dd4d6

Showing 1 changed file with 4 additions and 1 deletion.

Unified Split

5 README.md

```
@@ -1 +1,4 @@
- # Kanban
+ # Kanban
+
+ # Introduction
+ Starting to add some new content
```

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

The screenshot shows a GitHub pull request interface. At the top, it says "base: master" and "compare: feat/update_readme". A green checkmark indicates "Able to merge. These branches can be automatically merged." The title of the pull request is "Feat/update readme". Below the title are "Write" and "Preview" buttons, followed by a toolbar with text and code icons. The main body of the pull request contains the text: "Added new Introduction section to the Readme with new content." Below this is a file attachment area with the placeholder: "Attach files by dragging & dropping, selecting or pasting them." To the right, there are sections for "Reviewers" (showing a user named "MaryLvV"), "Assignees" (listing "No one—assign yourself"), "Labels" (listing "None yet"), "Projects" (listing "None yet"), and "Milestone" (listing "No milestone"). Two large green arrows point from the text "These branches can be automatically merged." and the "Create pull request" button towards the right side of the interface.

 Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Linked issues

6

Use **Closing keywords** in the description to automatically close issues

Feat/update readme #5

Edit

 Open raom1 wants to merge 2 commits into master from feat/update_readme

Conversation 0

Commits 2

Checks 0

Files changed 1

+4 -1



raom1 commented now

Member



...

Added new Introduction section to the Readme with new content.

The new pull request
will look like this:

raom1 added 2 commits 2 hours ago

Update README.md ...

Verified 8744dc3

Update README.md

Verified 36dd4d6

raom1 requested a review from MaryLvV now

Add more commits by pushing to the **feat/update_readme** branch on NSS-Data-Instructional-Stuff/Kanban.



 Review requested

Show all reviewers

Review has been requested on this pull request. It is not required to merge. [Learn more](#).

1 pending reviewer

 Continuous integration has not been set up

[GitHub Actions](#) and several other apps can be used to automatically catch bugs and enforce style.

 This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also open this in GitHub Desktop or view command line instructions.

Reviewers

 MaryLvV



Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked issues

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

 Unsubscribe

You're receiving notifications because you authored the thread.

1 participant

You can see the **pull request** (PR) in the **Pull request** tab

The screenshot shows a GitHub repository interface. At the top, there is a navigation bar with several tabs: Code, Issues (2), Pull requests (1), Actions, Projects (1), Wiki, Security, Insights, and Settings. A green arrow points to the 'Pull requests' tab, which is highlighted with a red border. Below the navigation bar, there is a search bar with the query 'is:pr is:open'. To the right of the search bar are buttons for Labels (9), Milestones (0), and a green 'New pull request' button. Further down, there are filters for status (1 Open, 1 Closed), author, label, projects, milestones, reviews, assignee, and sort. A list of pull requests is displayed, with one item visible: 'Feat/update readme' by raom1, which was opened 10 minutes ago.

Filter	Value
Status	1 Open, 1 Closed
Author	raom1
Label	Feat/update readme
Projects	None
Milestones	None
Reviews	None
Assignee	None
Sort	None

Pull Request Details:

- Feat/update readme

#5 opened 10 minutes ago by raom1

Click on the **Files changed** tab to view changes. Reviewers will go here to **Approve** or **Request changes**

Code Issues 2 Pull requests 1 Actions Projects 1 Wiki Security Insights Settings

Feat/update readme #5

Open raom1 wants to merge 2 commits into `master` from `feat/update_readme`

Conversation 0 Commits 2 Checks 0 Files changed 1

+4 -1

raom1 commented 10 minutes ago Member + ...

Added new Introduction section to the Readme with new content.

raom1 added 2 commits 2 hours ago

-o Update README.md Verified 8744dc3

-o Update README.md Verified 36dd4d6

raom1 requested a review from **MaryLvV** 10 minutes ago

Reviewers MaryLvV

Assignees No one—assign yourself

Labels None yet

Projects None yet

Open raom1 wants to merge 2 commits into `master` from `feat/update_readme`

Conversation 0 Commits 2 Checks 0 Files changed 1 +4 -1

raom1 commented 10 minutes ago
Added new Introduction section to the Readme with new content.

raom1 added 2 commits 2 hours ago
Update README.md ...
Update README.md

raom1 requested a review from MaryLvV 10 minutes ago

MaryLvV approved these changes 6 minutes ago 

Add more commits by pushing to the `feat/update_readme` branch on NSS-Data-Instructional-Stuff/Kanban.

Changes approved
1 approving review [Learn more](#). [Show all reviewers](#)

1 approval

Continuous integration has not been set up
[GitHub Actions](#) and several other apps can be used to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request 

Desktop or view command line instructions.

Reviewers
MaryLvV

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

Linked issues
Successfully merging this pull request may close these issues.
None yet

Notifications
Customize [Unsubscribe](#)
You're receiving notifications because you authored the thread.

2 participants
raom1, MaryLvV

[Lock conversation](#)

When the PR is approved, that will appear in the Conversation tab. You can then merge the PR.

Confirm the merge



MaryLvV approved these changes 8 minutes ago

[View changes](#)

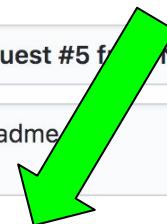


Merge pull request #5 from NSS-Data-Instructional-Stuff/feat/update_readme

Feat/update readme

Confirm merge

Cancel



Milestone

No milestone



Linked issues

Successfully merging this pull request
may close these issues.



None yet

Notifications

Customize

[Unsubscribe](#)

You're receiving notifications because
you authored the thread.

[Code](#)[Issues 2](#)[Pull requests 1](#)[Actions](#)[Projects 1](#)[Wiki](#)[Security](#)[Insights](#)[Settings](#)

Feat/update readme #5

[Edit](#)[Merged](#)raom1 merged 2 commits into `master` from `feat/update_readme` now[Conversation 0](#)[Commits 2](#)[Checks 0](#)[Files changed 1](#)[+4 -1](#)

raom1 commented 13 minutes ago

[Member](#)

...

Added new Introduction section to the Readme with new content.

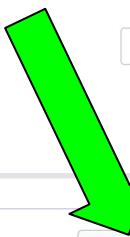
raom1 added 2 commits 2 hours ago

[Update README.md](#) ...[Verified](#) 8744dc3[Update README.md](#)[Verified](#) 36dd4d6

raom1 requested a review from MaryLvV 13 minutes ago



MaryLvV approved these changes 8 minutes ago

[View changes](#)raom1 merged commit `bf4e9de` into `master` now[Revert](#)[Delete branch](#)

Pull request successfully merged and closed

You're all set—the `feat/update_readme` branch can be safely deleted.[+4 -1](#)**Reviewers**

MaryLvV

**Assignees**

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

None yet

Linked issuesSuccessfully merging this pull request
may close these issues.

None yet

Notifications[Customize](#)

This is what the merged PR will look like. You can chose to **Delete branch**

You should manually move the cards between the different columns as you continue to work on it.

1. Before you start it should be in **To Do**.
2. When you are working in your branch it should be in **In Progress**.
3. When you submit the PR it should be in **In Review**.
4. When the PR is merged back into master you should move it to **Done** and start working on another (move another card to **In Progress**).

The image shows a project board interface with four columns:

- To do**: 0 items. A card titled "Add images to Readme" is being moved from here to the "In progress" column.
- In progress**: 1 item. Card: "Add images to Readme" (opened by raom1)
- In Review**: 0 items
- Done**: 1 item. Card: "Add introduction in Readme" (opened by raom1, documentation)

At the top, there are navigation links: Code, Issues 2, Pull requests 0, Actions, Projects 1 (highlighted), Wiki, Security, Insights, Settings. There is also a "Filter cards" search bar and a "+ Add cards" button.