

PRA.gov

GitHub Training

18F

in partnership with [agency name]

1/ The tools

THE TOOLS

The Federalist stack

1

GitHub



2

Markdown



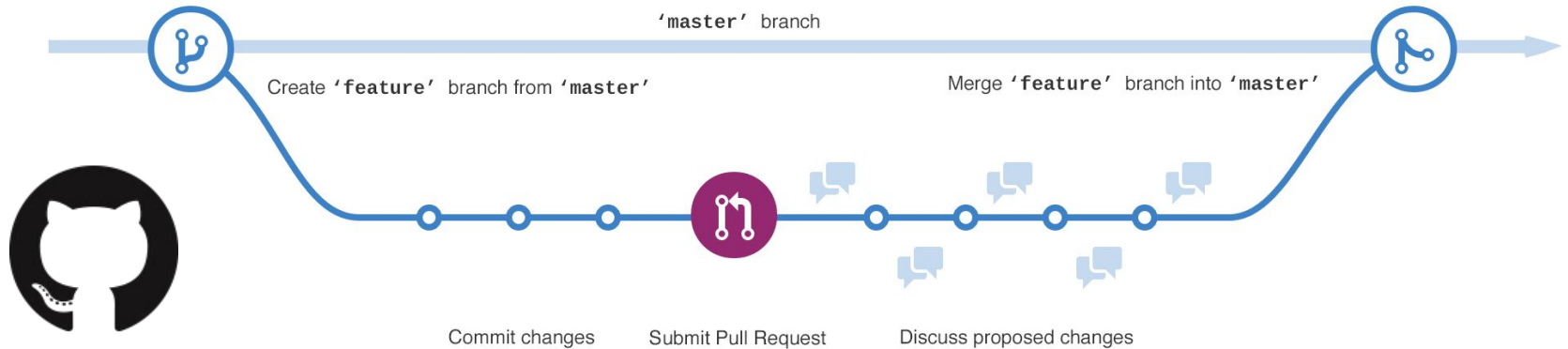
3

Federalist



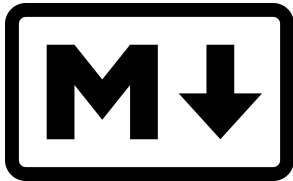
GitHub

A website and cloud-based service that helps users store and manage their code, as well as track and control changes to their code.



Markdown

A lightweight and easy-to-use syntax for styling all forms of writing. Mostly, Markdown is just regular text with a few non-alphabetic characters thrown in, like # or *.



Check it out!

It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](<http://google.com>)

Federalist

A publishing platform for modern, compliant government websites. Provides build container and static storage.



2/ Walkthrough

Walkthrough

Typical change process

1

Create an
issue

2

Make the
change

3

Open a pull
request

4

Approval
workflow

5

Publish to
production

Walkthrough

Create an issue



Remove lorem ipsum from footer

Related Issues **Beta** . Try it.

Write

Preview

AA B i



There is some leftover lorem ipsum in the footer, please remove it.

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

 Styling with Markdown is supported

Submit new issue

Pipeline

No Workspace yet - [Create One](#)

Assignees



No one—assign yourself

Labels



None yet

Projects



None yet

Milestone




No milestone

Helpful resources

[Contributing](#)

Walkthrough

Make the change

- Navigate to the correct page within the GitHub repository
- Click the pencil icon to begin editing 
- Make the desired changes, using markdown if necessary
- Commit the changes to save the changes and begin pull request



Commit changes

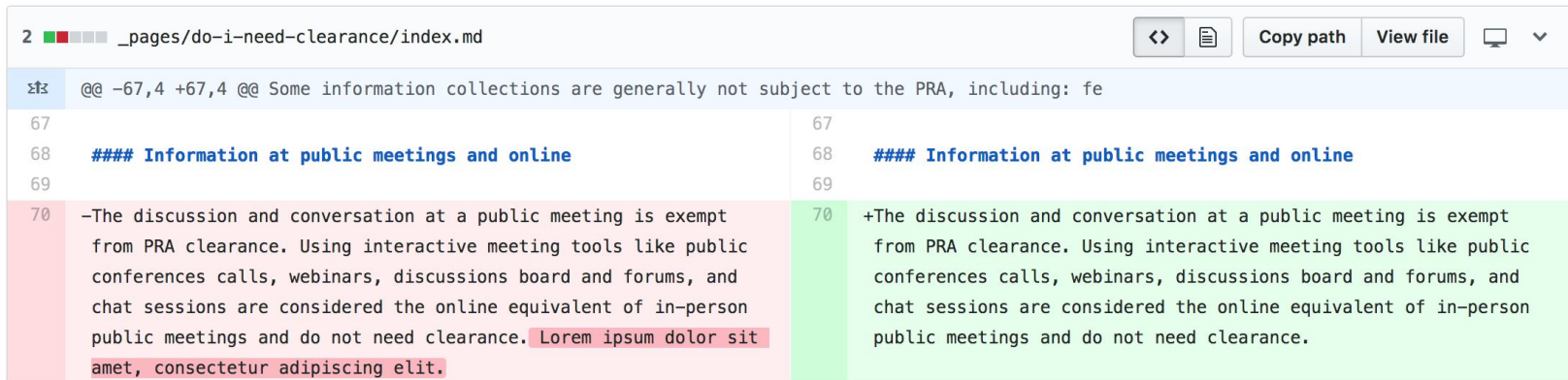
Removed lorem ipsum

Add an optional extended description...

Walkthrough

Open pull request

- Review your proposed changes, including Federalist preview
- Explain your changes, referencing original issue is relevant
- Request approval from appropriate team member



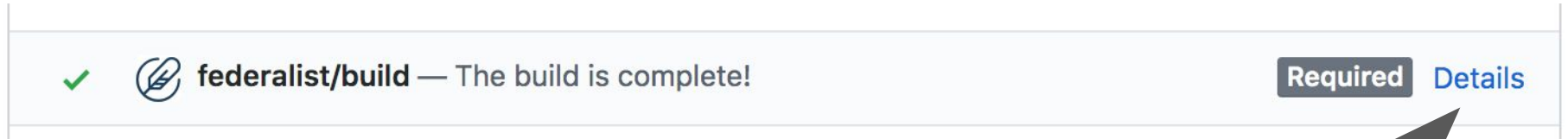
The screenshot shows a diff view of a pull request for the file `_pages/do-i-need-clearance/index.md`. The interface includes a file path at the top, navigation icons (back, forward, search), and buttons for 'Copy path', 'View file', and a dropdown menu. The diff shows a change on line 70. The original code (left, red background) is: `-The discussion and conversation at a public meeting is exempt from PRA clearance. Using interactive meeting tools like public conferences calls, webinars, discussions board and forums, and chat sessions are considered the online equivalent of in-person public meetings and do not need clearance. Lorem ipsum dolor sit amet, consectetur adipiscing elit.` The proposed change (right, green background) is: `+The discussion and conversation at a public meeting is exempt from PRA clearance. Using interactive meeting tools like public conferences calls, webinars, discussions board and forums, and chat sessions are considered the online equivalent of in-person public meetings and do not need clearance.` Lines 67, 68, and 69 are identical in both versions.

```
2  _pages/do-i-need-clearance/index.md
@@ -67,4 +67,4 @@ Some information collections are generally not subject to the PRA, including: fe
67
68  #### Information at public meetings and online
69
70  -The discussion and conversation at a public meeting is exempt
    from PRA clearance. Using interactive meeting tools like public
    conferences calls, webinars, discussions board and forums, and
    chat sessions are considered the online equivalent of in-person
    public meetings and do not need clearance. Lorem ipsum dolor sit
    amet, consectetur adipiscing elit.
+The discussion and conversation at a public meeting is exempt
    from PRA clearance. Using interactive meeting tools like public
    conferences calls, webinars, discussions board and forums, and
    chat sessions are considered the online equivalent of in-person
    public meetings and do not need clearance.
```

Walkthrough

Approval workflow

- Review proposed changes within **Files changed** tab
- Checkout the preview link generated by Federalist



Walkthrough

Approval workflow

- Approve, or request changes

The screenshot shows a code review interface. At the top, there is a diff summary with '+3' in green and '-3' in red, followed by a progress bar. To the right are buttons for 'Diff settings' and 'Review changes'. Below this is a modal window with two tabs: 'Write' (active) and 'Preview'. The 'Write' tab contains a rich text editor with a 'Leave a comment' placeholder, a file attachment area, and three radio button options: 'Comment', 'Approve' (selected), and 'Request changes'. A 'Submit review' button is at the bottom of the modal. The background shows a code diff with changes highlighted in green and red.

+3 -3

Diff settings Review changes

Write Preview AA B i “ <> 🔗 ☰ ☷ ☰ ☷ ☷ @ 📌 ↶

Leave a comment

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

Comment
Submit general feedback without explicit approval.

Approve
Submit feedback and approve merging these changes.

Request changes
Submit feedback that must be addressed before merging.

Submit review

agency has to collect give information about the authority your agency has to collect

Walkthrough

Publish to production

- Approve the changes and merge them into **master**
- Delete the branch after merging (it's no longer needed)



Changes approved

[Show all reviewers](#)

1 approving review by reviewers with write access. [Learn more.](#)



All checks have passed

[Show all checks](#)

1 successful check



This branch has no conflicts with the base branch

Merging can be performed automatically.

Squash and merge



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



3/ Your turn!

On your laptop, navigate to:

<https://github.com/GSA/prg.gov>

Create your profile on PRA.gov

- Choose one of the markdown files in `_pages/github-training/`, and let other folks know which file you will be working in
- Edit the file and update the title in the top of the document to be your name. Be sure to leave the `---` characters where they are
- Continue adding a brief bio using markdown to format your text (check out `profile0.md` for inspiration!)
- When you are ready, commit your changes, open a pull request and tag me (@hursey013) to approve your updates.

4/ More resources

Some helpful links

- PRA.gov wiki

<https://github.com/GSA/pragov/wiki>

- Step by step guides specific to PRA.gov (in progress)
- Links to helpful resources
- Use as a resource for your own team!

- Making Government Websites with GitHub, Federalist & U.S. Web Design System

<https://digital.gov/event/2017/12/12/workshop-making-government-websites-with-github-federalist-us-web-design-standards/>