PRA.gov
GitHub Training

in partnership with [agency name]

1/ The tools

THE TOOLS

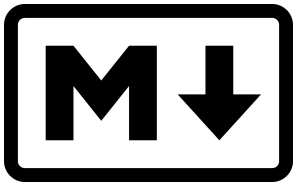
The Federalist stack

1

GitHub

2

Markdown

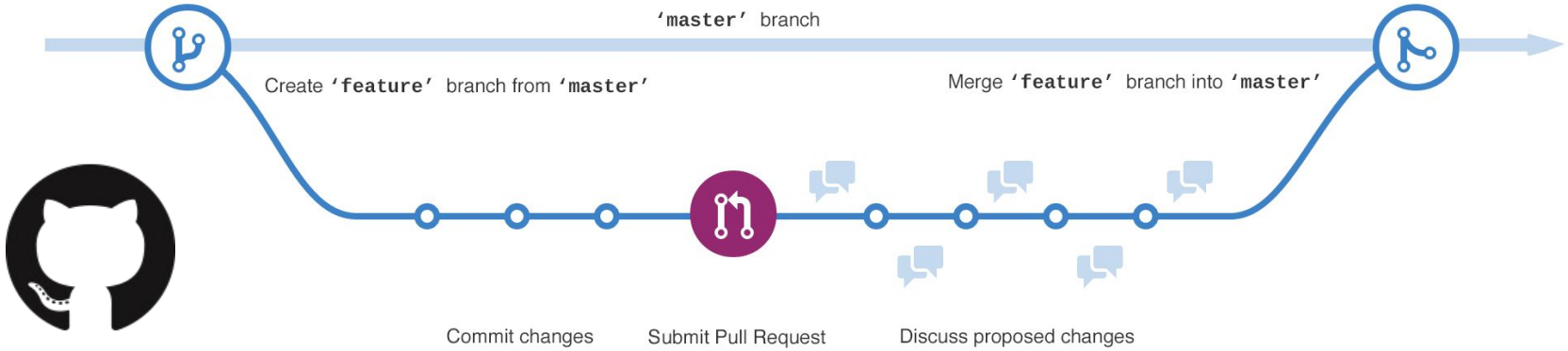


3

Federalist

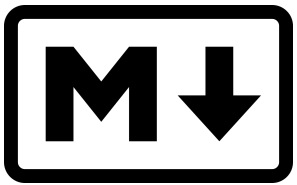
GitHub

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

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

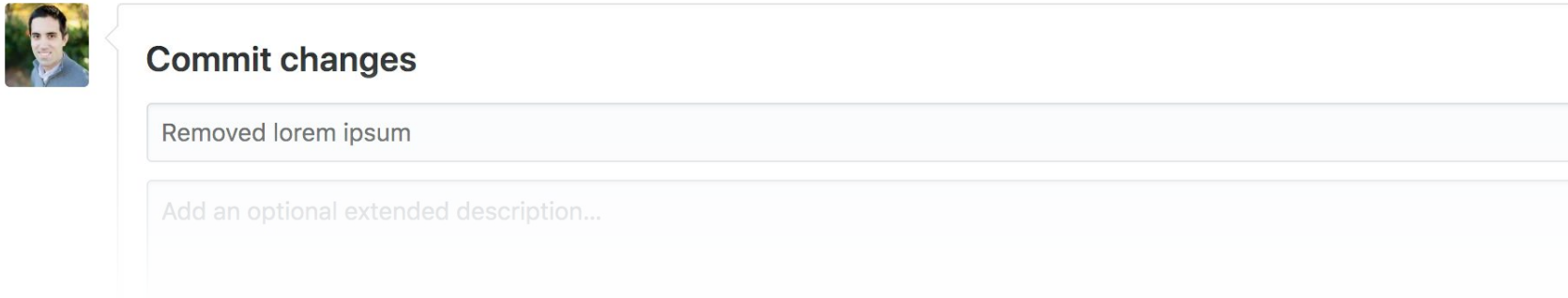
Helpful resources

Contributing

Walkthrough

Make the change

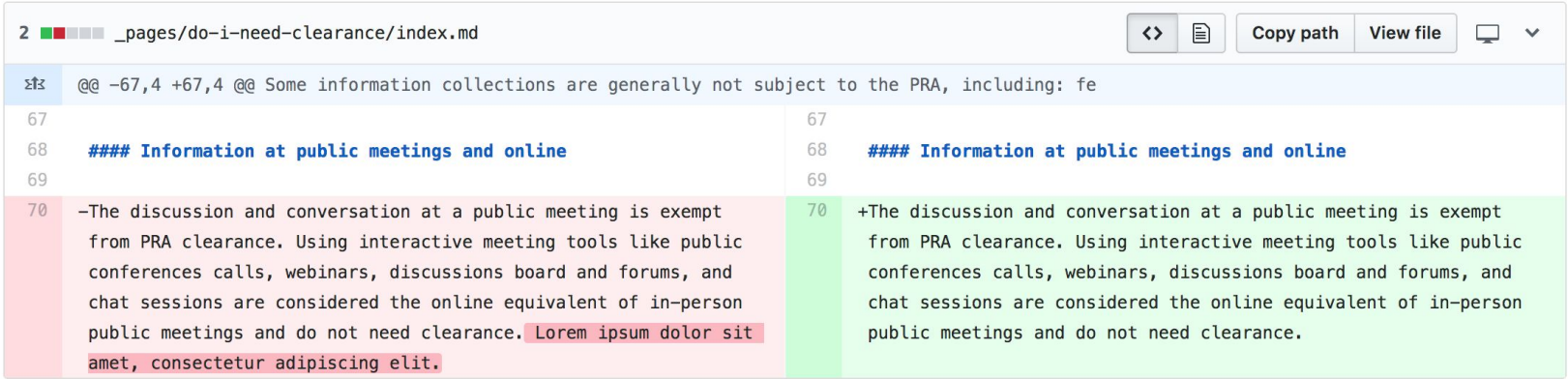
- Navigate to the correct page within the GitHub repository
- Click the pencil icon to begin editing
- Make the desired changes, using markdown if necessary
- Commit the changes to save the changes and begin pull request



Walkthrough

Open pull request

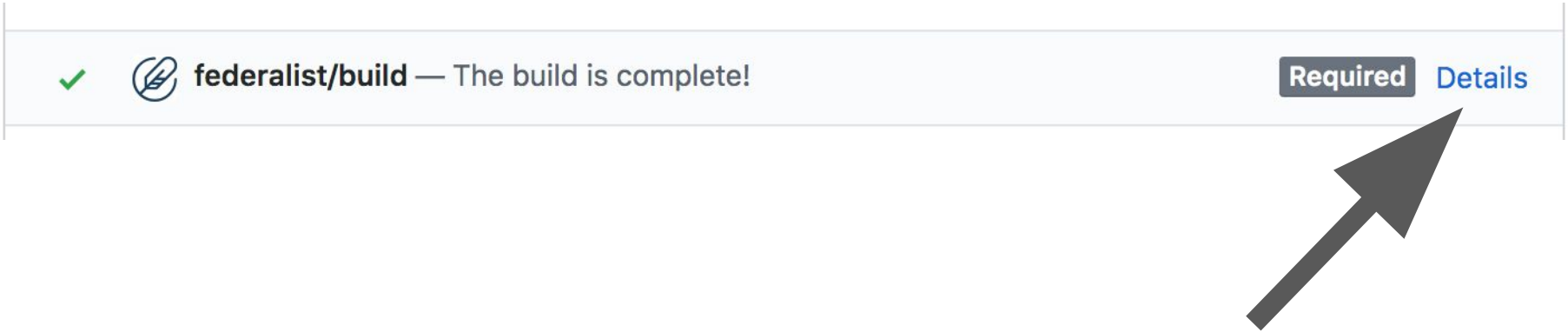
- Review your proposed changes, including Federalist preview
- Explain your changes, referencing original issue is relevant
- Request approval from appropriate team member



Walkthrough

Approval workflow

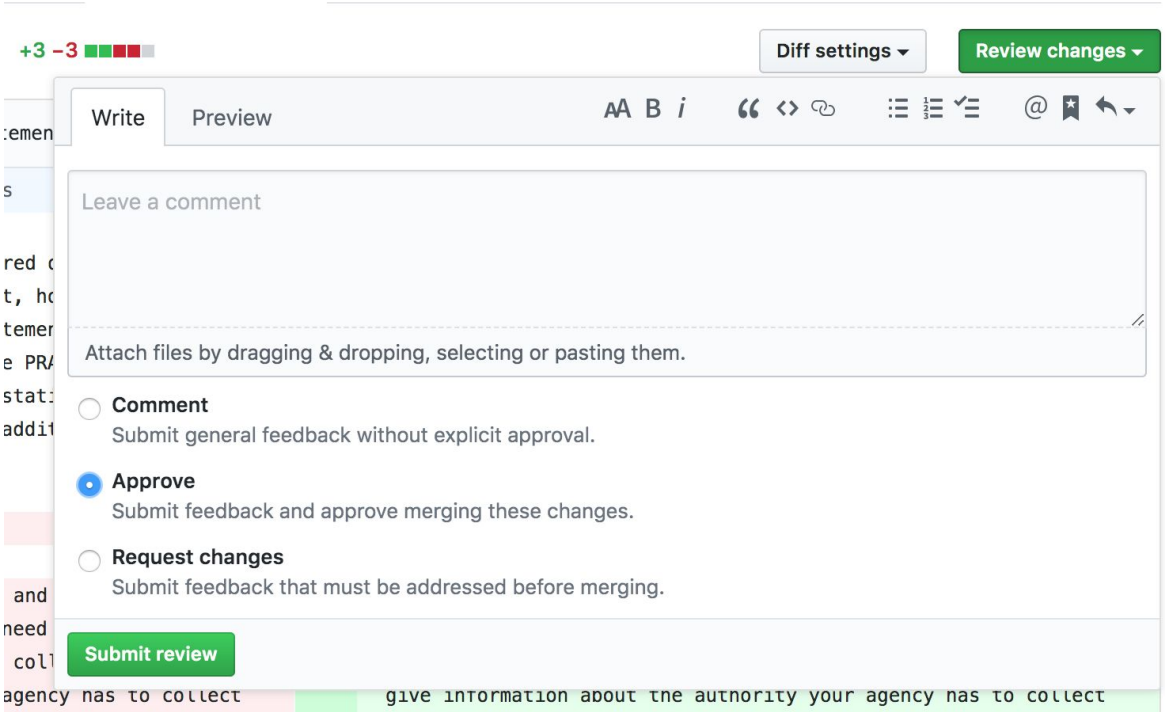
- Review proposed changes within **`Files changed`** tab
- Checkout the preview link generated by Federalist



Walkthrough

Approval workflow

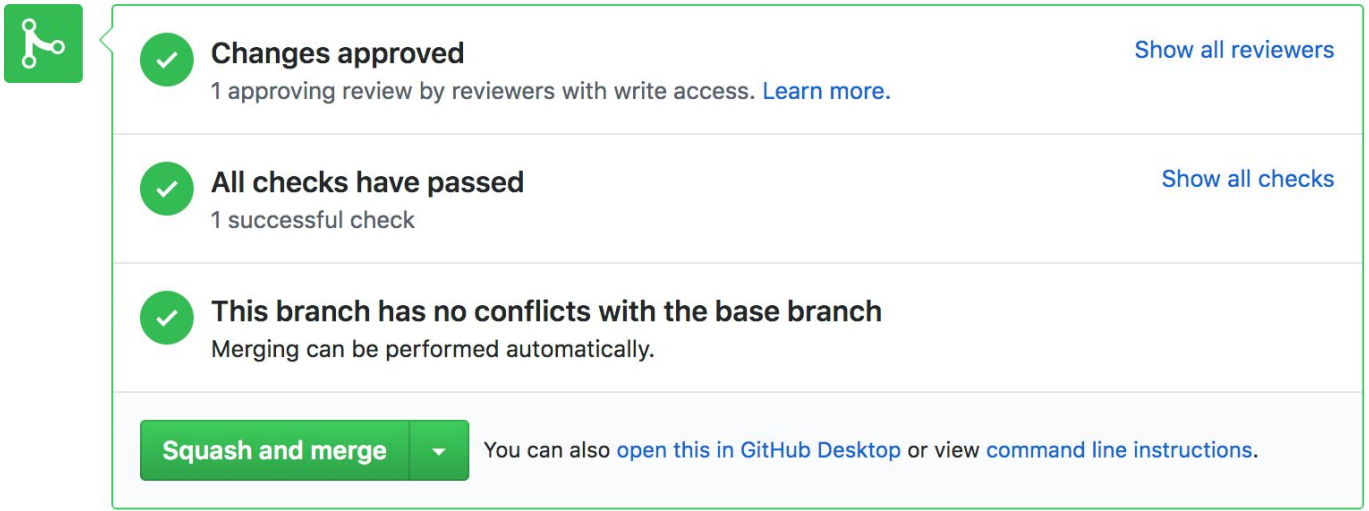
- Approve, or request changes



Walkthrough

Publish to production

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



3/ Your turn!

On your laptop, navigate to:

https://github.com/GSA/pra.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/pra.gov/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/