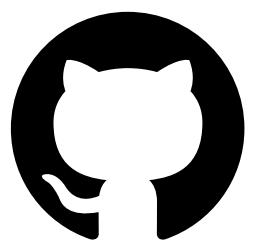


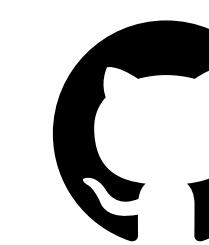
WWC Kuala Lumpur 2019, Malaysia

Building courses on GitHub Learning Lab

@ppremk @rwnfoo



@rwnfoo



@ppremk

✉ learninglab@github.com





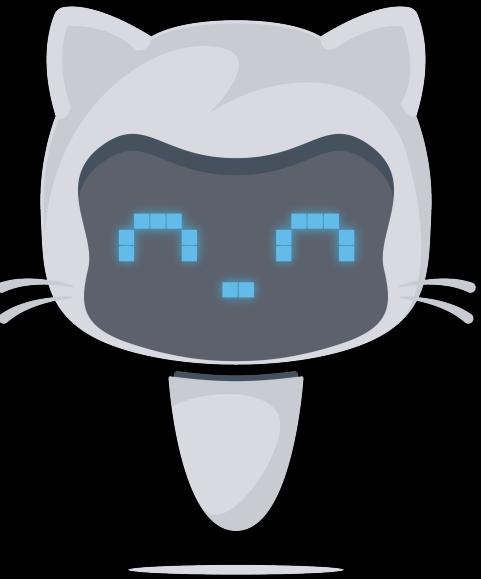
What is GitHub Learning Lab?

What is GitHub Learning Lab?

Course catalog

For organizations

Learning paths



Course insights

Learning repositories

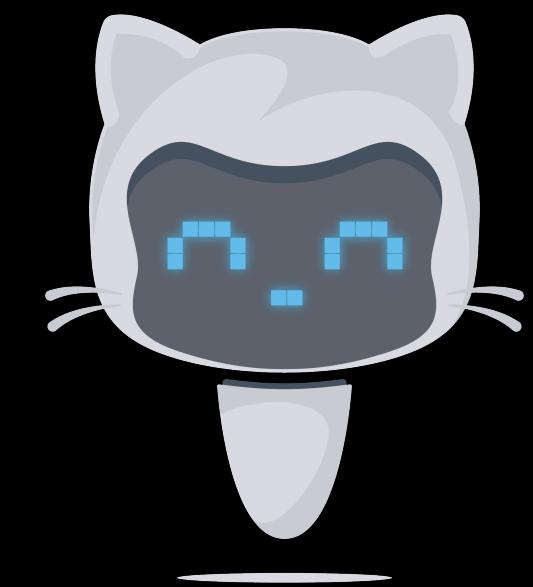
Hands on Learning

What is GitHub Learning Lab?

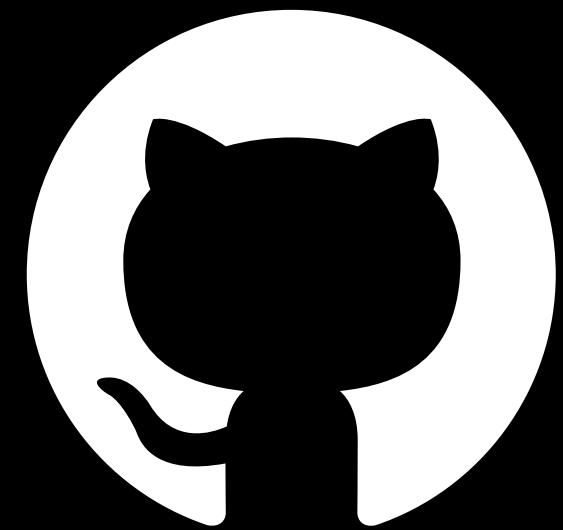


Sign up for
a course

What is GitHub Learning Lab?

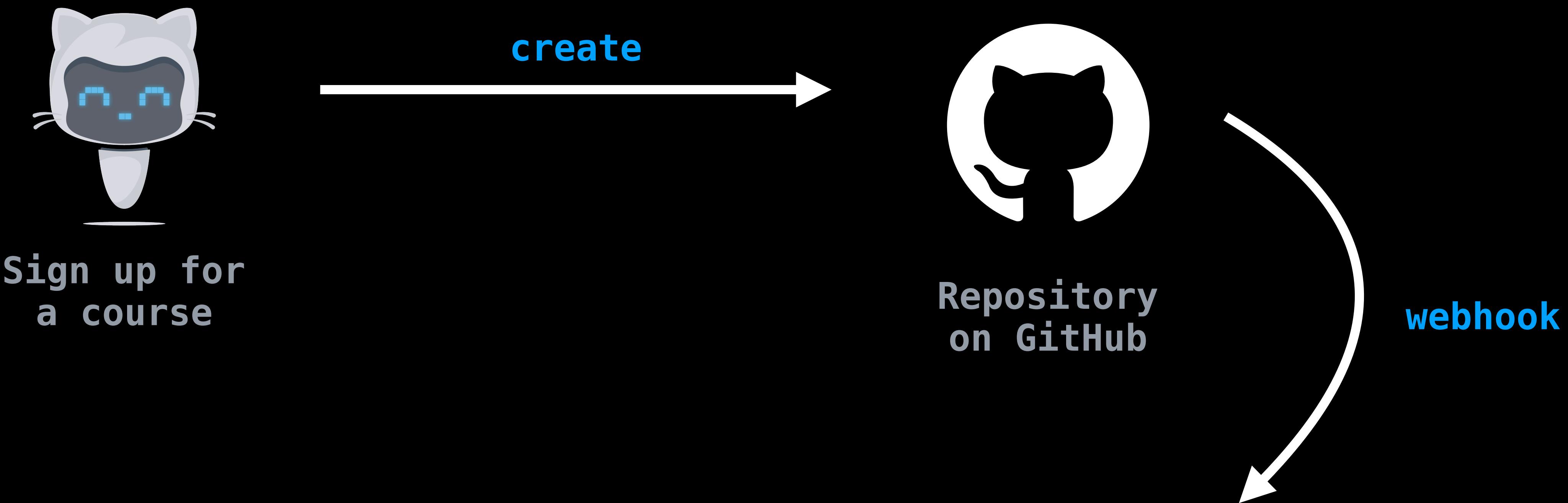


Sign up for
a course

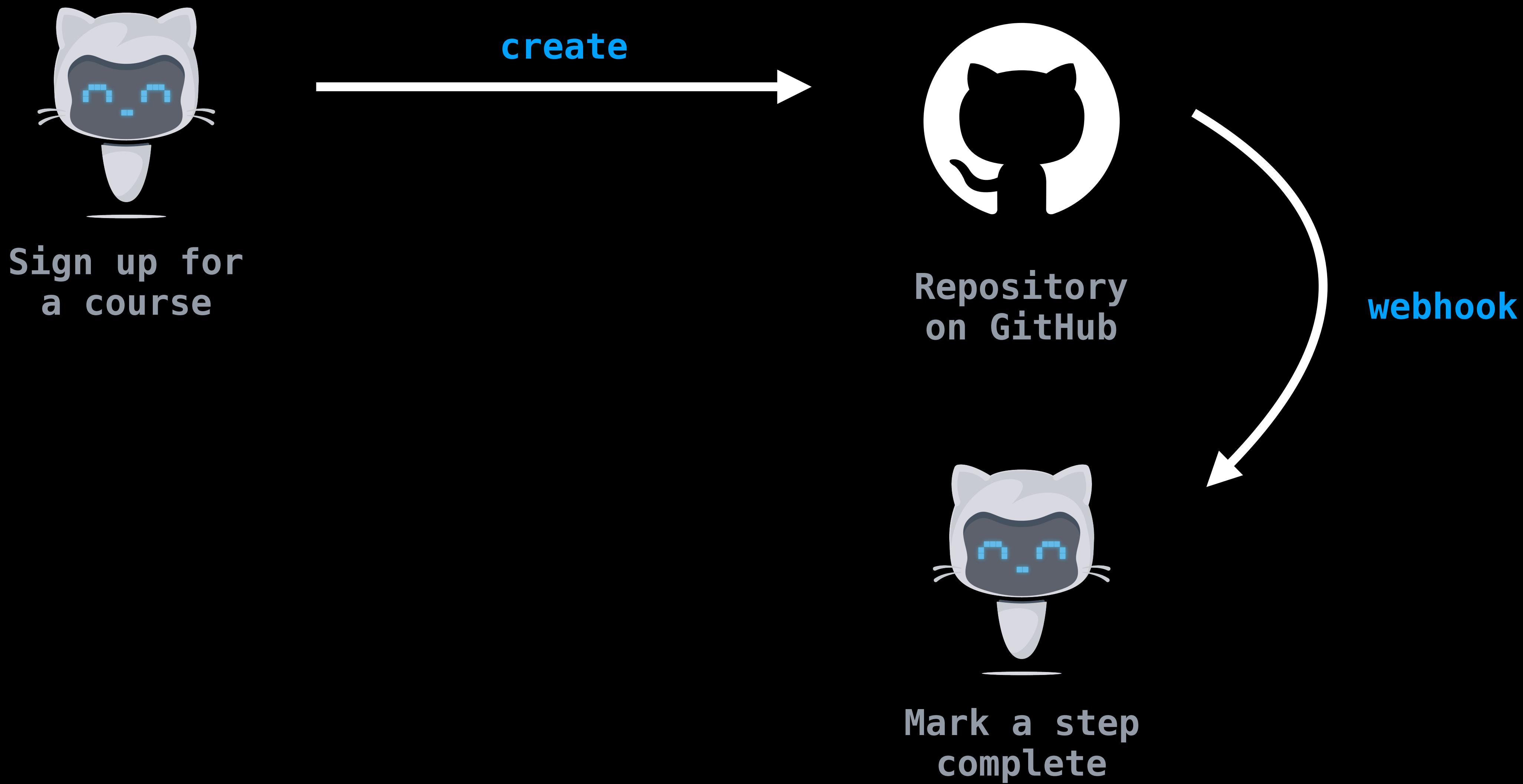


Repository
on GitHub

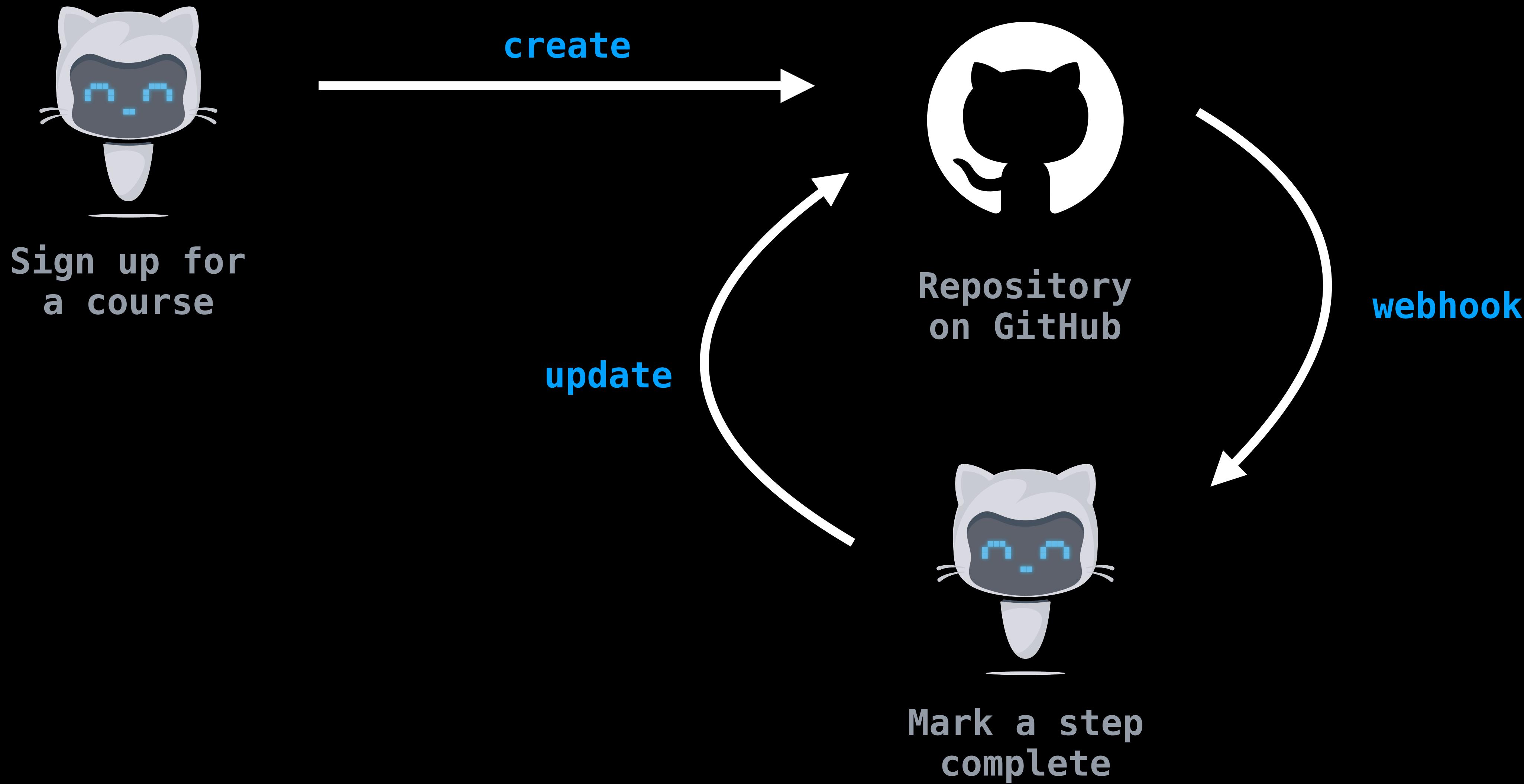
What is GitHub Learning Lab?



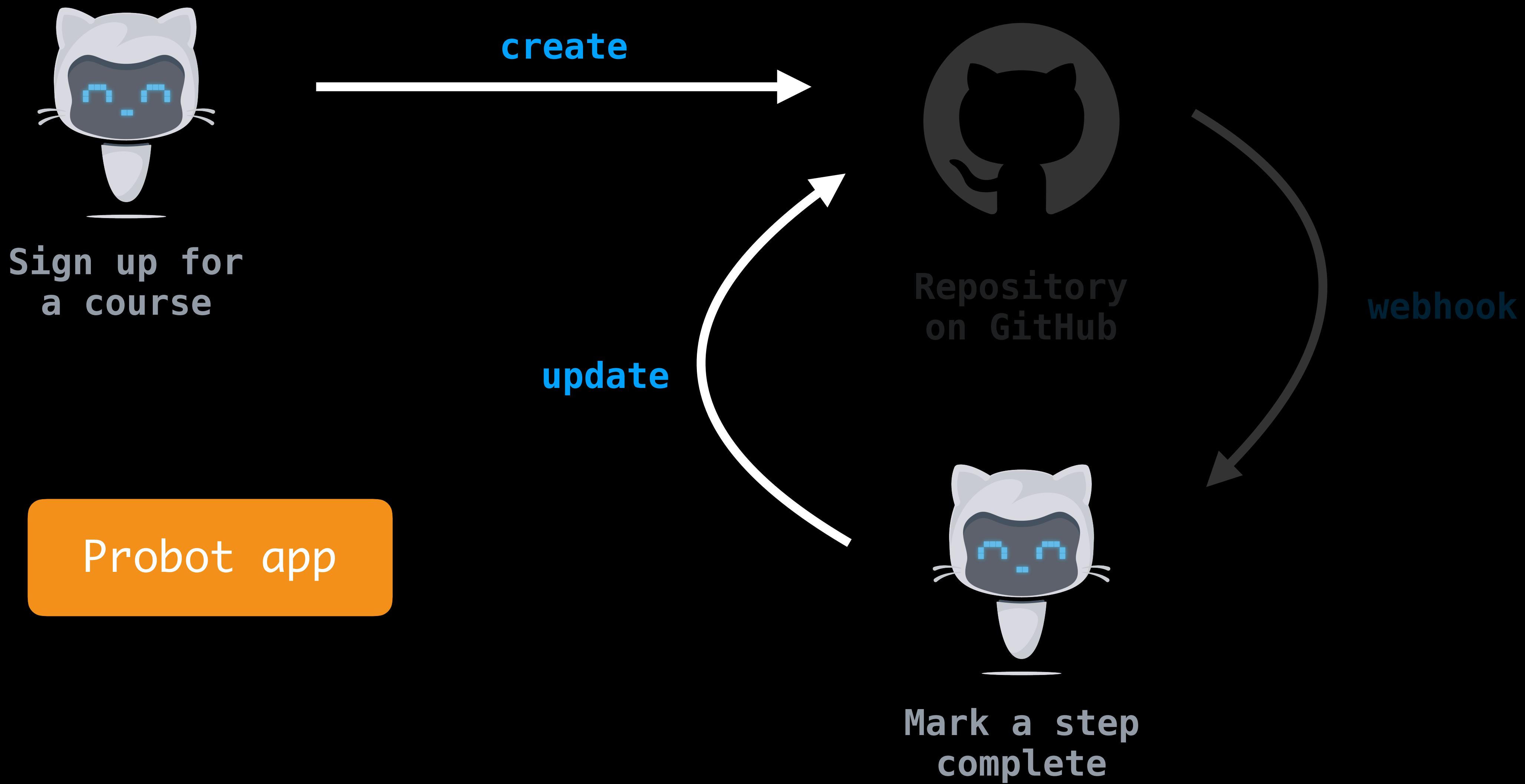
What is GitHub Learning Lab?



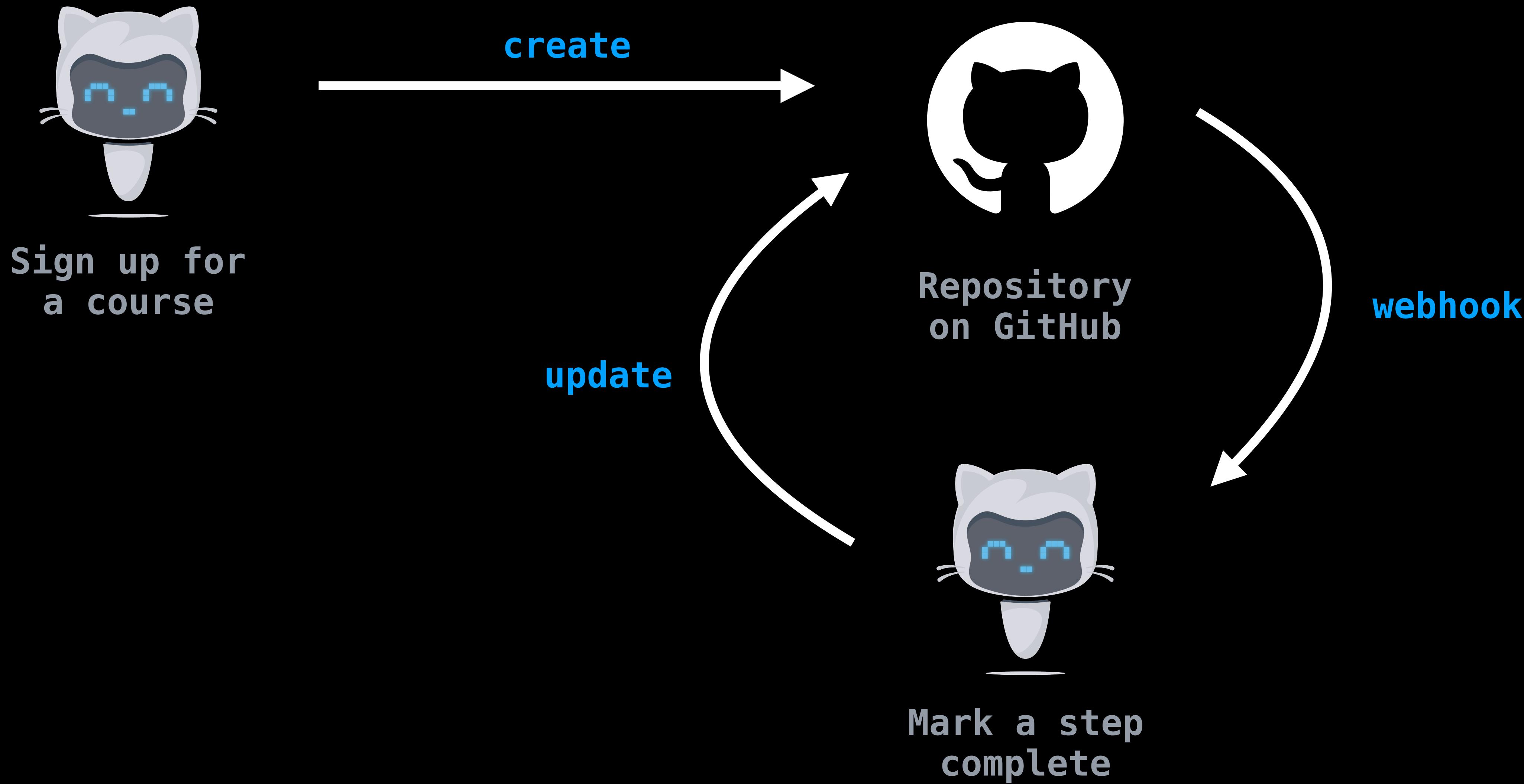
What is GitHub Learning Lab?



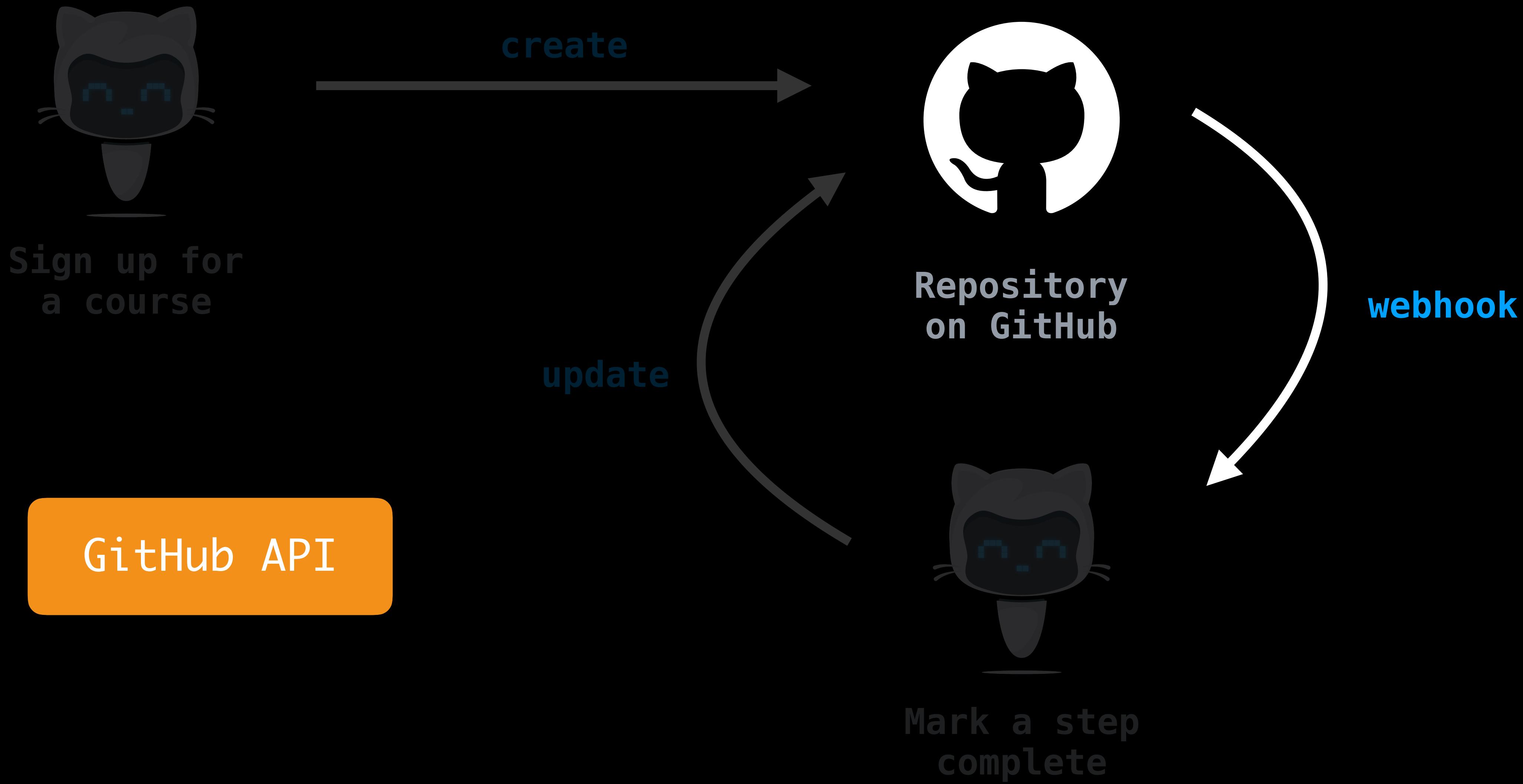
What is GitHub Learning Lab?



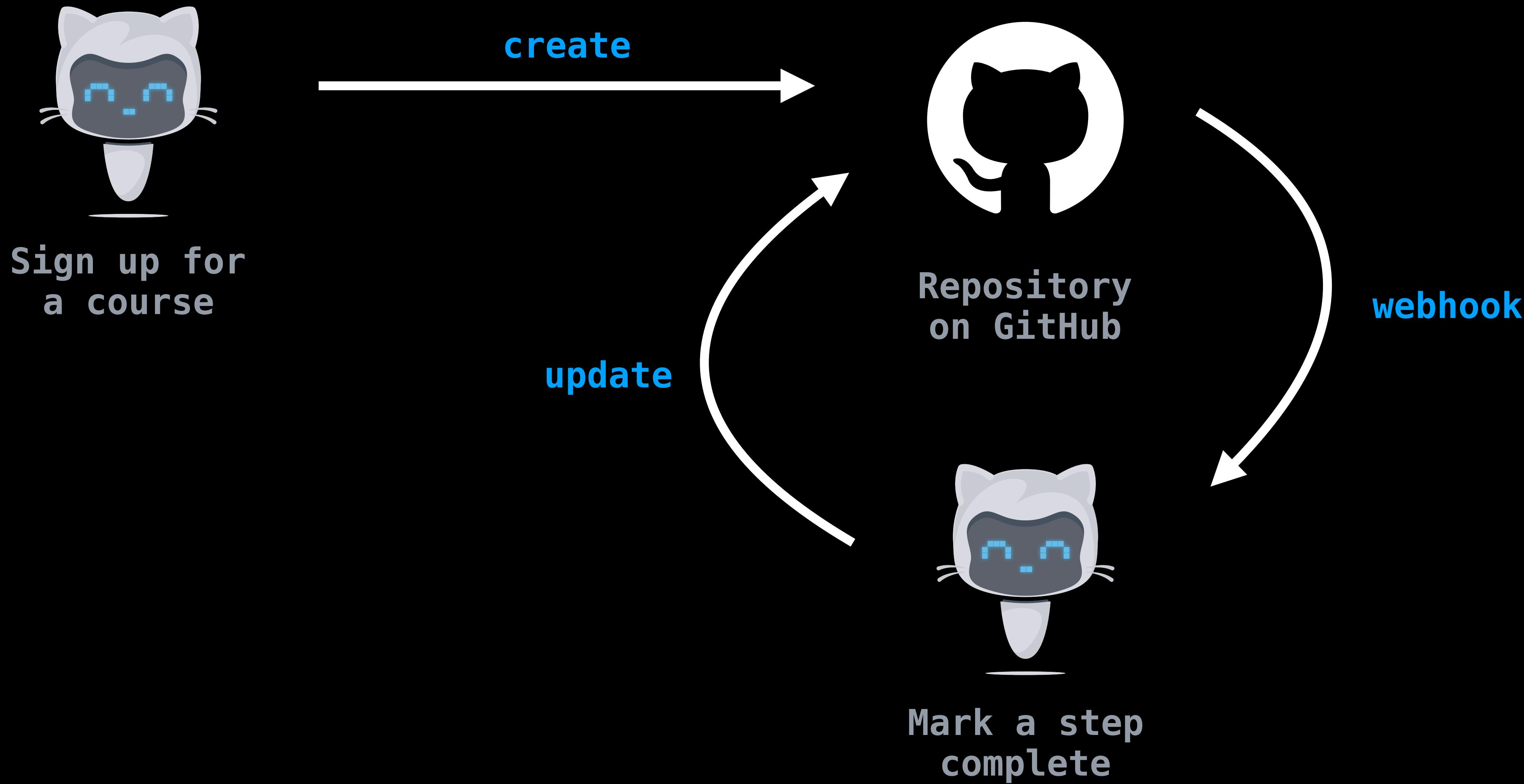
What is GitHub Learning Lab?



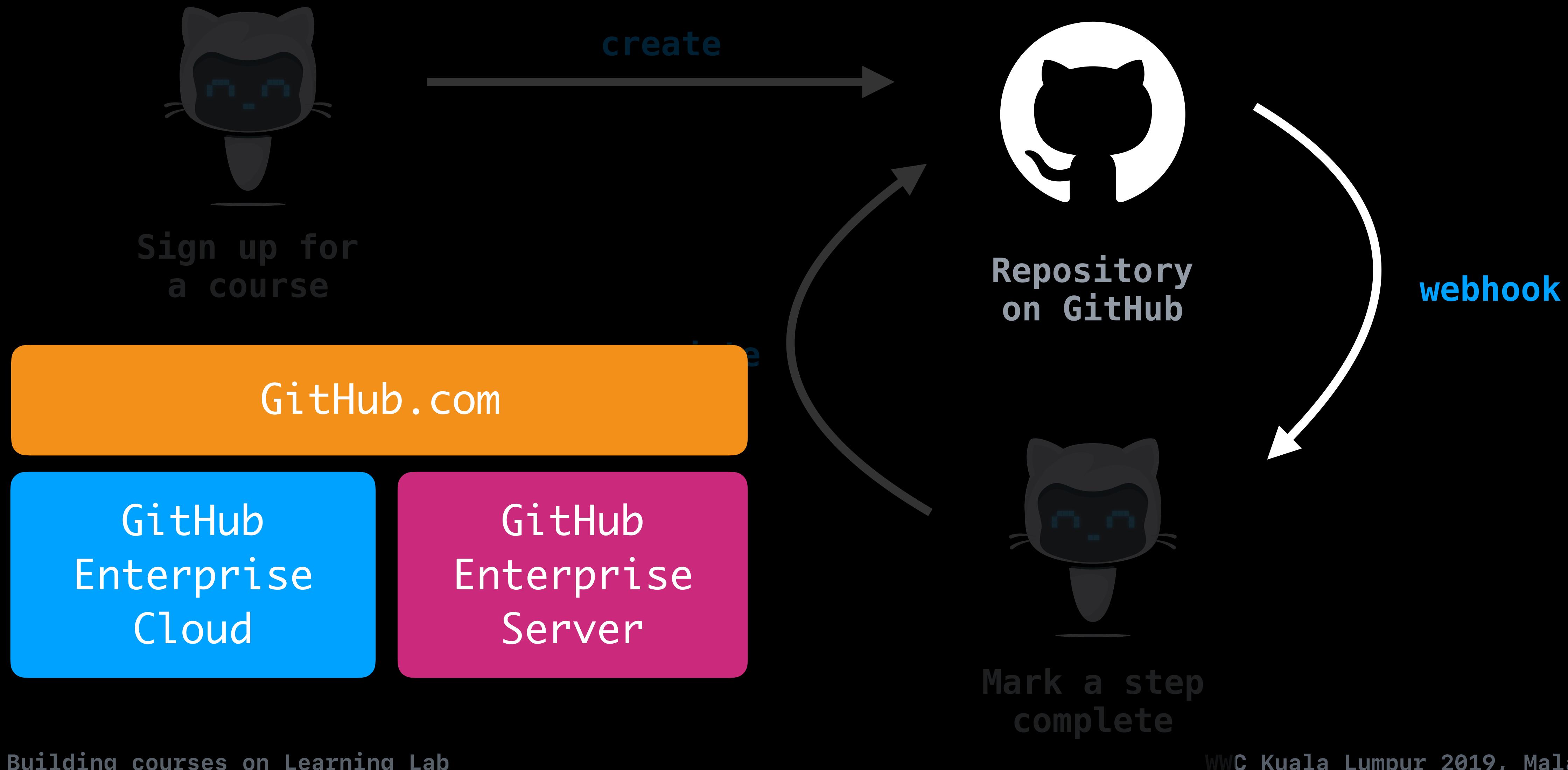
What is GitHub Learning Lab?



What is GitHub Learning Lab?



What is GitHub Learning Lab?



Why

Learning Lab?

Why Learning Lab?

Why Learning Lab?

- Time is valuable

Why Learning Lab?

- Time is valuable
- Facilitator ramp up

Why Learning Lab?

- Time is valuable
- Facilitator ramp up
- Up to date curriculum

Why Learning Lab?

- Time is valuable
- Facilitator ramp up
- Up to date curriculum
- Traditional constraints

Why Learning Lab?

- Time is valuable
- Facilitator ramp up
- Up to date curriculum
- Traditional constraints
- Authentic assessments

Anatomy of a

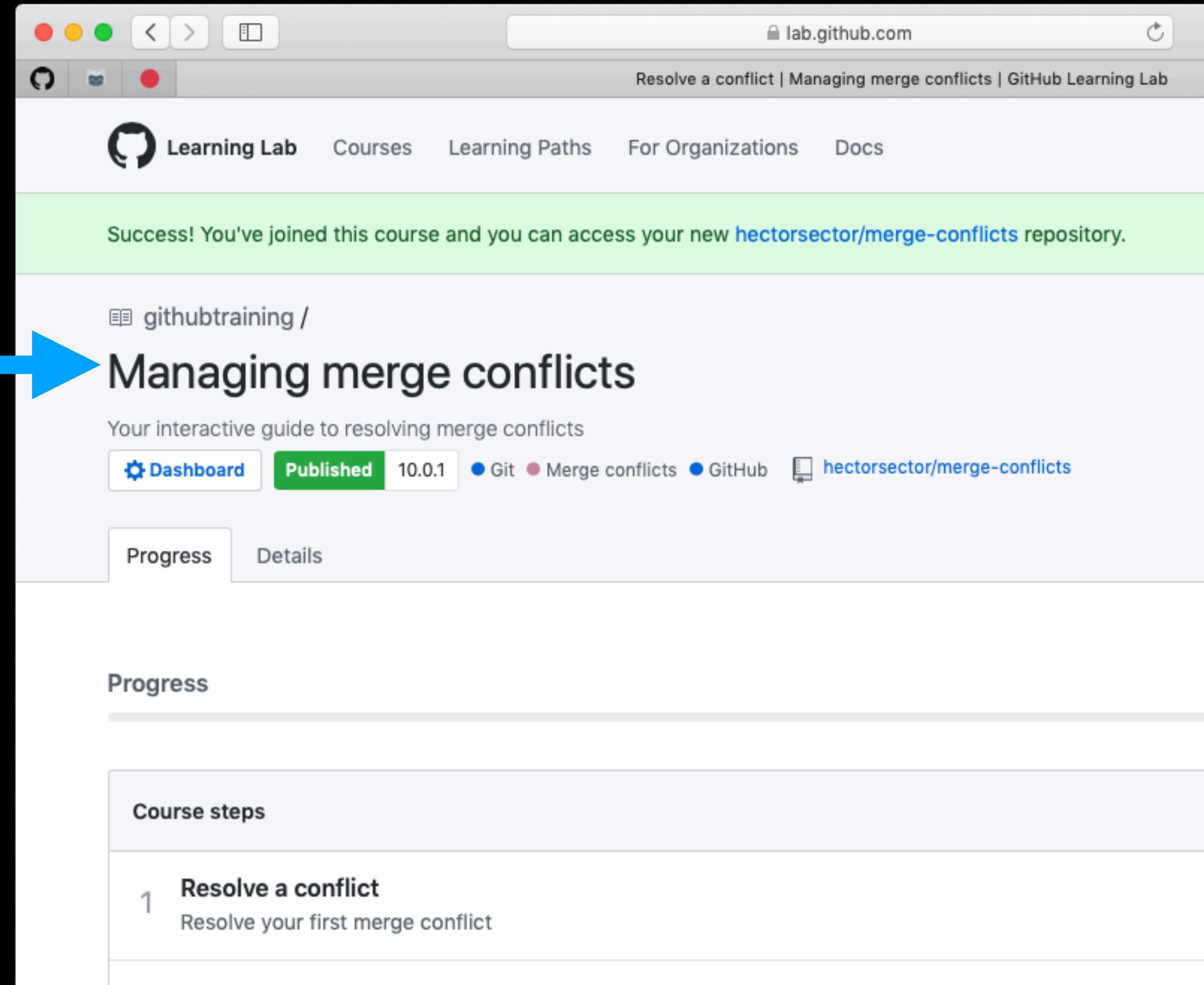
Learning Lab?

What does an author need to provide?

The screenshot shows a web browser window with the URL `lab.github.com` in the address bar. The page is titled "Resolve a conflict | Managing merge conflicts | GitHub Learning Lab". The main content area displays a success message: "Success! You've joined this course and you can access your new [hectorsector/merge-conflicts](#) repository." Below this, the course title is "githubtraining / Managing merge conflicts". A subtitle reads "Your interactive guide to resolving merge conflicts". The course status is "Published" and version "10.0.1". It includes filters for "Git", "Merge conflicts", "GitHub", and a repository link for "hectorsector/merge-conflicts". Navigation tabs "Progress" and "Details" are visible. The "Progress" section shows a horizontal bar at 100%. The "Course steps" section lists the first step: "1 Resolve a conflict" with the sub-instruction "Resolve your first merge conflict".

What does an author need to provide?

Course
metadata



The screenshot shows a web browser window for lab.github.com. The page title is "Resolve a conflict | Managing merge conflicts | GitHub Learning Lab". The main content area displays a success message: "Success! You've joined this course and you can access your new [hectorsector/merge-conflicts](#) repository." Below this, the course title is shown as "githubtraining / **Managing merge conflicts**". A subtitle reads "Your interactive guide to resolving merge conflicts". The course status is "Published" and version "10.0.1". It includes tags for "Git", "Merge conflicts", "GitHub", and a link to the repository "hectorsector/merge-conflicts". Navigation tabs "Progress" and "Details" are visible. The "Progress" section shows a horizontal bar at 100%. The "Course steps" section lists "1 **Resolve a conflict**" with the sub-instruction "Resolve your first merge conflict".

What does an author need to provide?

The screenshot shows a web browser window for lab.github.com. The title bar includes standard OS X window controls and the URL. Below the title bar, there's a navigation bar with links to 'Learning Lab', 'Courses', 'Learning Paths', 'For Organizations', and 'Docs'. A green banner at the top of the main content area says 'Success! You've joined this course and you can access your new [hectorsector/merge-conflicts](#) repository.' The main content area has a header 'githubtraining / Managing merge conflicts' with a subtitle 'Your interactive guide to resolving merge conflicts'. It shows a progress bar with tabs for 'Dashboard' (selected), 'Published', '10.0.1', and 'Git Merge conflicts GitHub [hectorsector/merge-conflicts](#)'. Below the progress bar are 'Progress' and 'Details' buttons. A large blue arrow points from the text 'Series of steps expected from learner' on the left towards the 'Course steps' section. The 'Course steps' section lists '1 Resolve a conflict' with the sub-instruction 'Resolve your first merge conflict'.

Success! You've joined this course and you can access your new [hectorsector/merge-conflicts](#) repository.

githubtraining /

Managing merge conflicts

Your interactive guide to resolving merge conflicts

Dashboard Published 10.0.1 Git Merge conflicts GitHub [hectorsector/merge-conflicts](#)

Progress Details

Progress

Course steps

1 **Resolve a conflict**
Resolve your first merge conflict

Series of steps
expected from
learner

What does an author need to provide?

The screenshot shows a GitHub pull request page for a repository named 'hectorsector / merge-conflicts'. The page title is 'Welcome! Let's resolve a conflict #1'. A green button labeled 'Open' indicates that the pull request is ready to be merged. The pull request is from the branch 'update-config' into the 'master' branch. It has 4 commits, 1 check, and 1 file changed. A comment from a GitHub bot (@github-learning-...) is visible, welcoming the user to the course. The page also includes sections for 'Conversation', 'Commits', 'Checks', and 'Files changed'. On the right side, there are sections for 'Reviewers' (none), 'Assignees' (none), 'Labels' (none yet), 'Projects' (none yet), and 'Milestone' (none). At the bottom, a note says 'Before starting this course, we recommend completing the [Introduction to GitHub Learning Lab](#) first.'

What does an author need to provide?

Initial issues or PRs



github.com

Resolve a conflict | Managing merge conflicts | GitHub Learning Lab

Welcome! Let's resolve a conflict by github-learning-lab · Pull Request

Search or jump to... Pull requests Issues Marketplace Explore

hectorsector / merge-conflicts

Code Issues 0 Pull requests 4 Actions Projects 0 Wiki Insights Settings

Welcome! Let's resolve a conflict #1

Open github-learning-... wants to merge 1 commit into master from update-config

Conversation 0 Commits 1 Checks 0 Files changed 1

github-learning-... bot commented 3 minutes ago

Welcome to Managing Merge Conflicts 🎉

Hello, and welcome! If you're here to learn about and practice resolving merge conflicts, you're in the right place.

In this course, you'll learn why merge conflicts happen and solve a few of them. The merge conflicts in this course are simple enough to solve from GitHub.com. But, if you'd prefer, you can solve them using the command line or other local tools.

As an added bonus, the project we are using for this course is a resume hosted on [GitHub Pages](#)! So, if you want to keep working after you complete this course, please feel free!

Before starting this course, we recommend completing the [Introduction to GitHub Learning Lab](#) first.

Reviewers
No reviews—at least 1 review is required.

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone

What does an author need to provide?

Bot's responses

Building courses on Learning Lab

The screenshot shows a GitHub pull request page for the repository 'hectorsector / merge-conflicts'. The title of the pull request is 'Welcome! Let's resolve a conflict #1'. A green button labeled 'Open' is visible. Below the title, it says 'github-learning-... wants to merge 1 commit into master from update-config'. The pull request has 4 actions, 1 commit, 0 checks, and 1 file changed. A comment from 'github-learning-... bot' is shown, stating: 'Hello, and welcome! If you're here to learn about and practice resolving merge conflicts, you're in the right place. In this course, you'll learn why merge conflicts happen and solve a few of them. The merge conflicts in this course are simple enough to solve from GitHub.com. But, if you'd prefer, you can solve them using the command line or other local tools. As an added bonus, the project we are using for this course is a resume hosted on GitHub Pages! So, if you want to keep working after you complete this course, please feel free!' At the bottom, it says 'Before starting this course, we recommend completing the Introduction to GitHub Learning Lab first.'

Reviewers
No reviews—at least 1 review is required.

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone

What does an author need to provide?

The screenshot shows a GitHub repository page for the user 'hectorsector' named 'merge-conflicts'. The page includes a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below the navigation is a search bar and a 'Watch' button. The repository summary shows 19 commits, 5 branches, 0 releases, and 2 contributors. A 'New pull request' button is visible. The repository's URL is listed as <https://lab.github.com/githubtraining...>. The repository's contents are listed below, showing various files and folders related to a merge conflict course.

hectorsector / merge-conflicts

Code Issues 0 Pull requests 4 Actions Projects 0 Wiki Insights Setting

Watch ▾ 0 Star

<https://lab.github.com/githubtraining...>

Manage topics

19 commits 5 branches 0 releases 2 contributors

Branch: master ▾ New pull request Create new file Upload files Find File

githubteacher Merge pull request #1 from githubtraining/snyk-fix-levx48 ... Latest commit 7

File/Folder	Description
.bundle	Repository for merge conflict course
_assets	Repository for merge conflict course
_data	Add surfing and internship experience
_includes	Repository for merge conflict course
_layouts	Repository for merge conflict course
_sass	Repository for merge conflict course
artifacts	Add artifacts
css	Repository for merge conflict course
images	Repository for merge conflict course

What does an author need to provide?

Initial
codebase



hectorsector / merge-conflicts

https://lab.github.com/githubtraining...

Manage topics

19 commits 5 branches 0 releases 2 contributors

Branch: master New pull request Create new file Upload files Find File

githubteacher Merge pull request #1 from githubtraining/snyk-fix-levx48 ... Latest commit 7...

Folder	Description
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_layouts	Repository for merge conflict course
_sass	Repository for merge conflict course
artifacts	Add artifacts
css	Repository for merge conflict course
images	Repository for merge conflict course

What does an author need to provide?

Initial
branches

Building courses on Learning Lab

A screenshot of a GitHub repository page for the user 'hectorsector' named 'merge-conflicts'. The page shows 15 commits, 5 branches, 0 releases, and 2 contributors. A large blue arrow points from the text 'Initial branches' on the left to the 'Branch: master' dropdown menu at the top of the repository page.

hectorsector / merge-conflicts

https://lab.github.com/githubtraining...

Manage topics

15 commits 5 branches 0 releases 2 contributors

Branch: master New pull request Create new file Upload files Find File

githubteacher Merge pull request #1 from githubtraining/snyk-fix-levx48 ... Latest commit 7

Folder	Description
.bundle	Repository for merge conflict course
_assets	Repository for merge conflict course
_data	Add surfing and internship experience
_includes	Repository for merge conflict course
_layouts	Repository for merge conflict course
_sass	Repository for merge conflict course
artifacts	Add artifacts
css	Repository for merge conflict course
images	Repository for merge conflict course

What does an author need to provide?

The screenshot shows a GitHub pull request page titled "Welcome! Let's resolve a conflict #1". The page instructs the user to merge two commits from the "update-config" branch into the "master" branch. It provides a numbered list of steps for resolving conflicts:

- At the bottom of the page in the "This branch has conflicts that must be resolved" section of the Pull Request, click the **Resolve conflicts** button.
- Look for the highlighted sections that begin with `<<<<< update-config` and ends with `>>>>> master`. These markers are added by Git to show you the content that is in conflict.
- Remove the changes made on the master branch by deleting all of the content below the `=====` and above `>>>>> master`.
- Next, remove the merge conflict markers by deleting the following lines:

```
<<<<< update-config  
=====  
>>>>> master
```

After removing the conflict markers, the user should:

- With the merge conflict markers removed, click **Mark as resolved**.
- Finally, click **Commit merge**.

A note states: "Sometimes, the best way to resolve a merge conflict is to add content that's from both branches, or even something that isn't on either! This is why Git needs a human to look at the code and make the proper fixes."

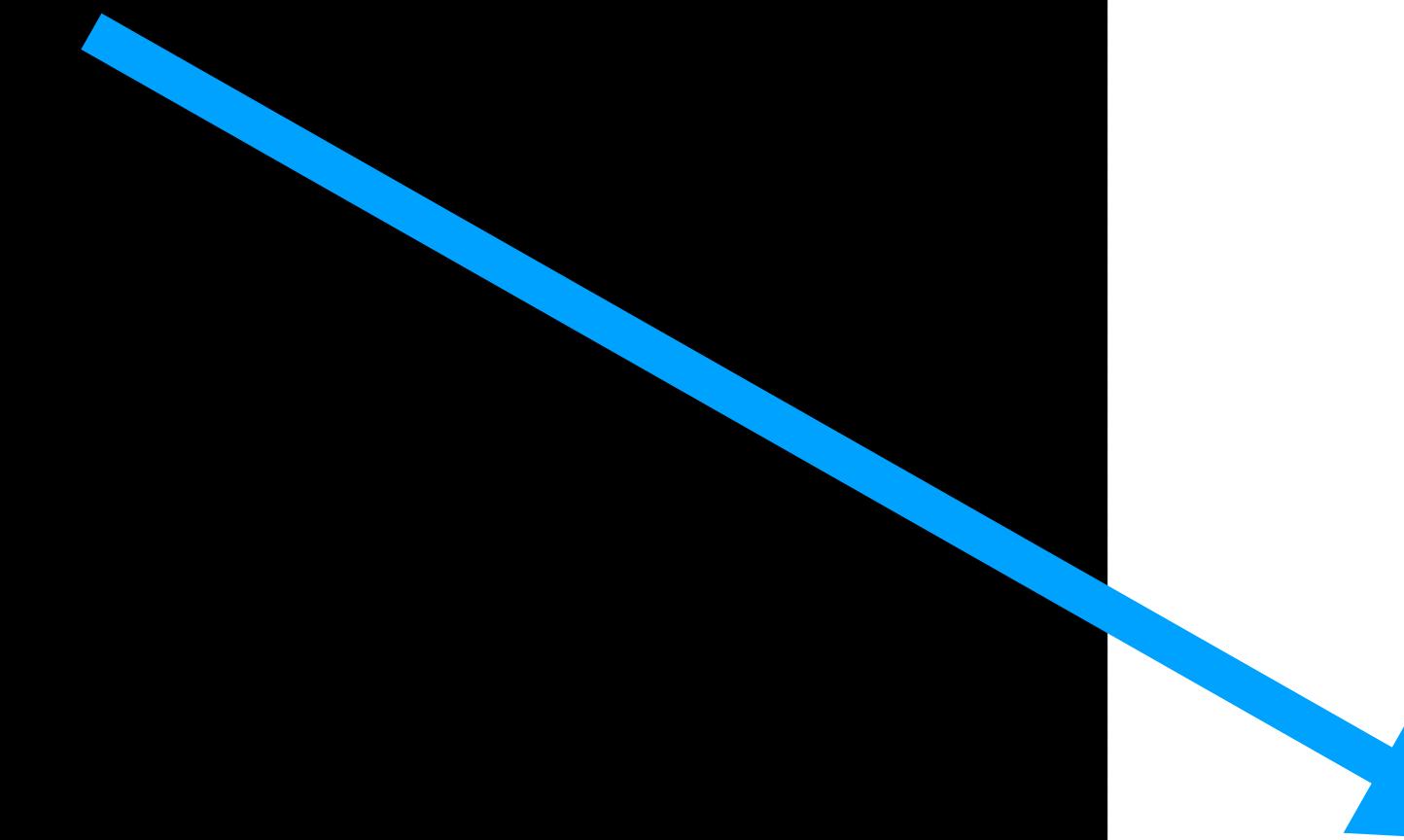
Below the instructions, a message says "Watch below for my response." A list of recent commits is shown:

- add GitHubteacher info to config 0e28c72
- hectorsector pushed a commit that referenced this pull request 4 minutes ago
- Merge pull request #1 from githubtraining/snyk-fix-levx48 ... 705a4c8
- Merge branch 'master' into update-config 98e5706

A comment from "github-learning-... bot" is visible at the bottom.

What does an author need to provide?

Actions to take
when the learner
executes a step



github.com

(1) Welcome! Let's resolve a conflict #1 · Pull Request #1 · hectorsector/merge-conflicts

Welcome! Let's resolve a conflict #1

github-learning-lab wants to merge 2 commits into `master` from `update-config`

Activity: Resolving your first merge conflict

- At the bottom of the page in the "This branch has conflicts that must be resolved" section of the Pull Request, click the **Resolve conflicts** button.
- Look for the highlighted sections that begins with `<<<<< update-config` and ends with `>>>>> master`. These markers are added by Git to show you the content that is in conflict.
- Remove the changes made on the master branch by deleting all of the content below the `=====` and above `>>>>> master`.
- Next, remove the merge conflict markers by deleting the following lines:
`<<<<< update-config`
`=====`
`>>>>> master`

5. With the merge conflict markers removed, click **Mark as resolved**.

6. Finally, click **Commit merge**.

Sometimes, the best way to resolve a merge conflict is to add content that's from both branches, or even something that isn't on either! This is why Git needs a human to look at the code and make the proper fixes.

Watch below for my response.

add GitHubteacher info to config 0e28c72

hectorsector pushed a commit that referenced this pull request 4 minutes ago

Merge pull request #1 from githubtraining/snyk-fix-levx48 ... 705a4c8

Merge branch 'master' into update-config 98e5706

github-learning-... bot commented just now

You did it, @hectorsector! Nice job resolving the conflict. Most conflicts in your day to day experience should be pretty simple, as in that activity. You may need to discuss the resolution with your peers. If

What does a Learning Lab course need?

- Course metadata
- Initial issues and pull requests
- The bot's responses
- A series of steps expected from the learner
- Actions* to take when the learner executes the step
- Initial codebase
- Initial branches

*Actions in Learning Lab ≠ GitHub Actions

What does a Learning Lab course need?

- Course metadata
- Initial issues and pull requests
- The bot's responses
- Initial codebase
- Initial branches

- A series of steps expected from the learner

Webhooks

- Actions* to take when the learner executes the step

*Actions in Learning Lab ≠ GitHub Actions

What does a Learning Lab course need?

- Course metadata
- Initial issues and pull requests
- The bot's responses
- A series of steps expected from the learner
- Actions* to take when the learner executes the step

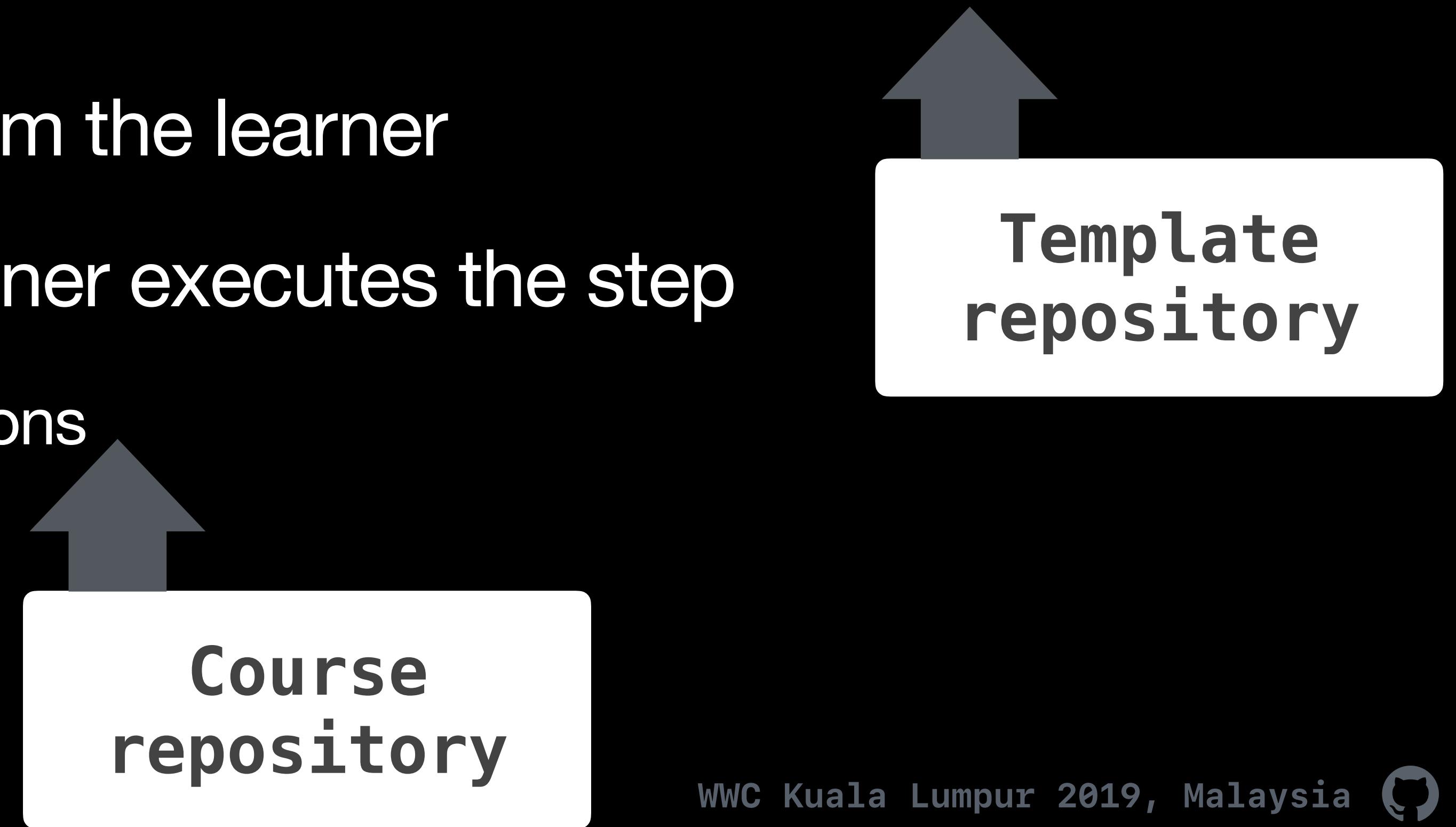
GitHub's REST API
using Octokit

*Actions in Learning Lab ≠ GitHub Actions

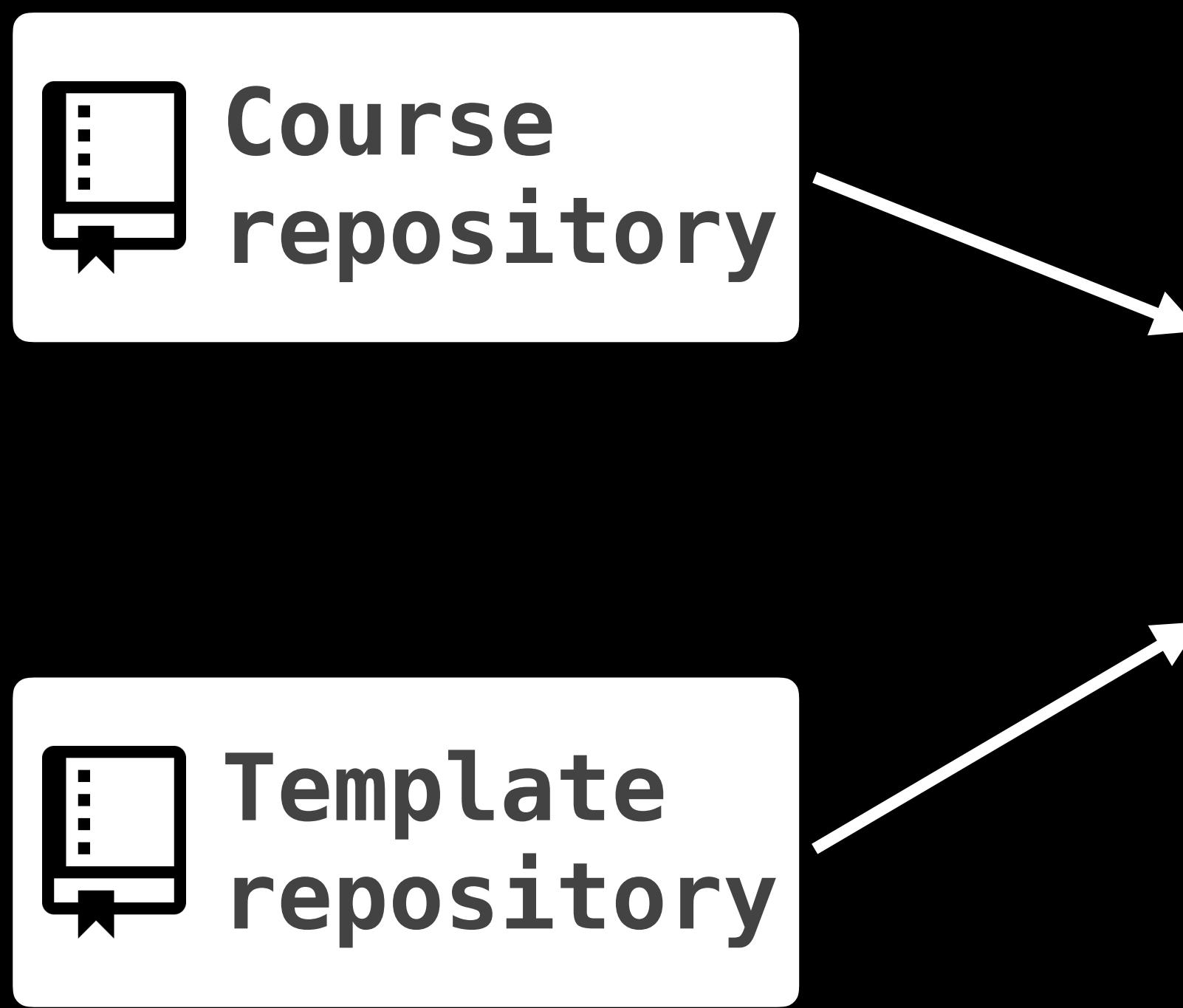
What does a Learning Lab course need?

- Course metadata
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- A series of steps expected from the learner
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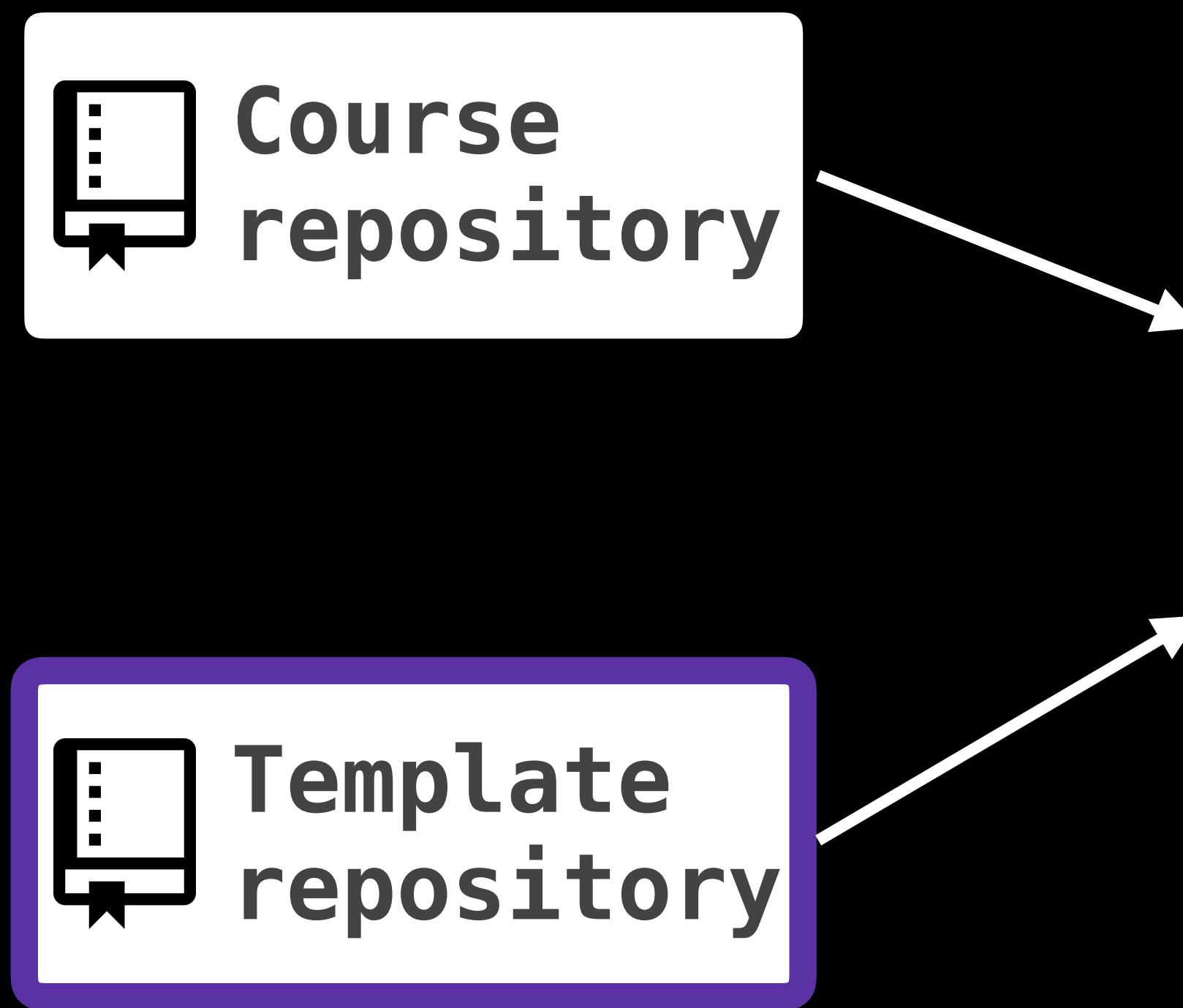
Creating a course on GitHub Learning Lab



A screenshot of a web browser window displaying the GitHub Learning Lab interface at lab.github.com. The page title is "Learning Lab". The main content area shows a course titled "Introduction to GitHub" with the subtitle "Your sidekick for getting started on GitHub". It lists "Git" and "GitHub" as prerequisites, and the repository "hectorsector/github-slideshow" as the source. Below the course title are three tabs: "Progress" (selected), "Details", and "Course Dashboard". The "Progress" section shows a green progress bar. The "Course steps" section contains five numbered steps:

- 1 **Assign yourself**
- 2 **Turn on GitHub Pages**
Turn on GitHub Pages in the settings page of the repository.
- 3 **Close an issue**
Cease a conversation by closing an issue.
- 4 **Create a branch**
Create a branch for introducing new changes.
- 5 **Commit a file**
Commit your file to the branch.

Creating a course on GitHub Learning Lab



Screenshot of the GitHub Learning Lab interface at lab.github.com. The page title is "Introduction to GitHub". Below the title, it says "Your sidekick for getting started on GitHub" and shows "Git" and "GitHub" status indicators along with a link to "hectorsector/github-slideshow". There are tabs for "Progress", "Details", and "Course Dashboard", with "Progress" selected. A progress bar is shown as a green line. The "Course steps" section lists five numbered steps:

- 1 **Assign yourself**
- 2 **Turn on GitHub Pages**
Turn on GitHub Pages in the settings page of the repository.
- 3 **Close an issue**
Cease a conversation by closing an issue.
- 4 **Create a branch**
Create a branch for introducing new changes.
- 5 **Commit a file**
Commit your file to the branch.

Learning Lab

Template Repo

The template repository

- Git data
- Issues/PRs aren't copied
- Use realistic repositories

The screenshot shows a GitHub repository page for 'githubtraining / caption-this-template'. The repository has 15 commits, 1 branch, 0 releases, and 1 contributor. The commits listed are:

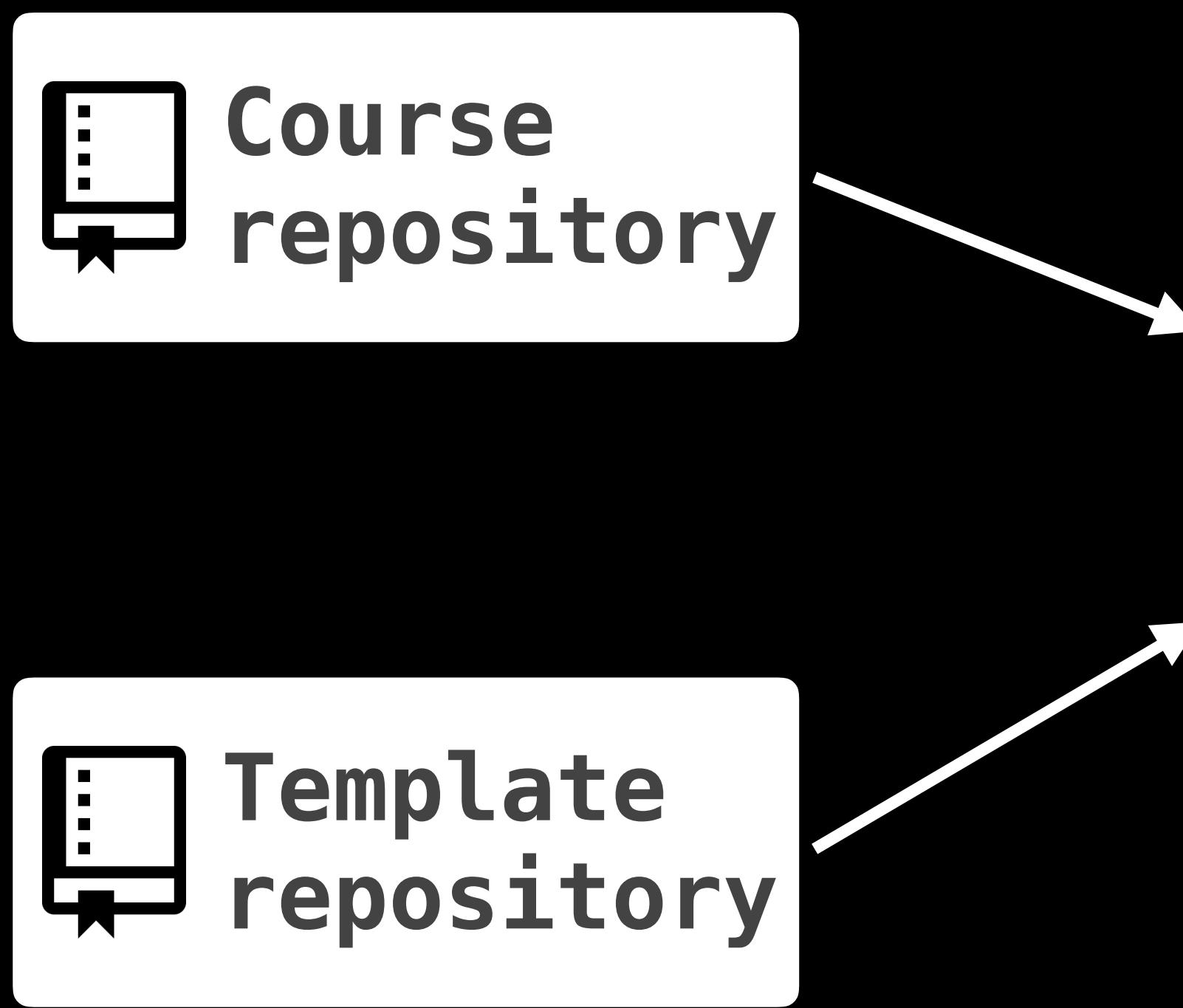
- _includes Remove MathJax dependency
- _layouts Initial commit
- _posts Initial commit
- _sass Initial commit
- assets Initial commit
- reveal.js @ a349ff4 Initial commit
- script Initial commit
- .editorconfig Initial commit
- .gitignore Initial commit
- .gitmodules Initial commit
- Gemfile update Gems
- Gemfile.lock update Gems
- LICENSE Initial commit
- README.md Adding in the definition of what the book icon means from the content...
- _config.yml Update _config.yml
- circle.yml Initial commit
- index.html Initial commit

At the bottom, there is a section titled 'Your GitHub Learning Lab Repository for Introducing' with a note: 'Welcome to your repository for your GitHub Learning Lab course. This repository will be used during the activities that I will be guiding you through. See a word you don't understand? We've included an emoji link below. Click on it to see its definition.'

Learning Lab

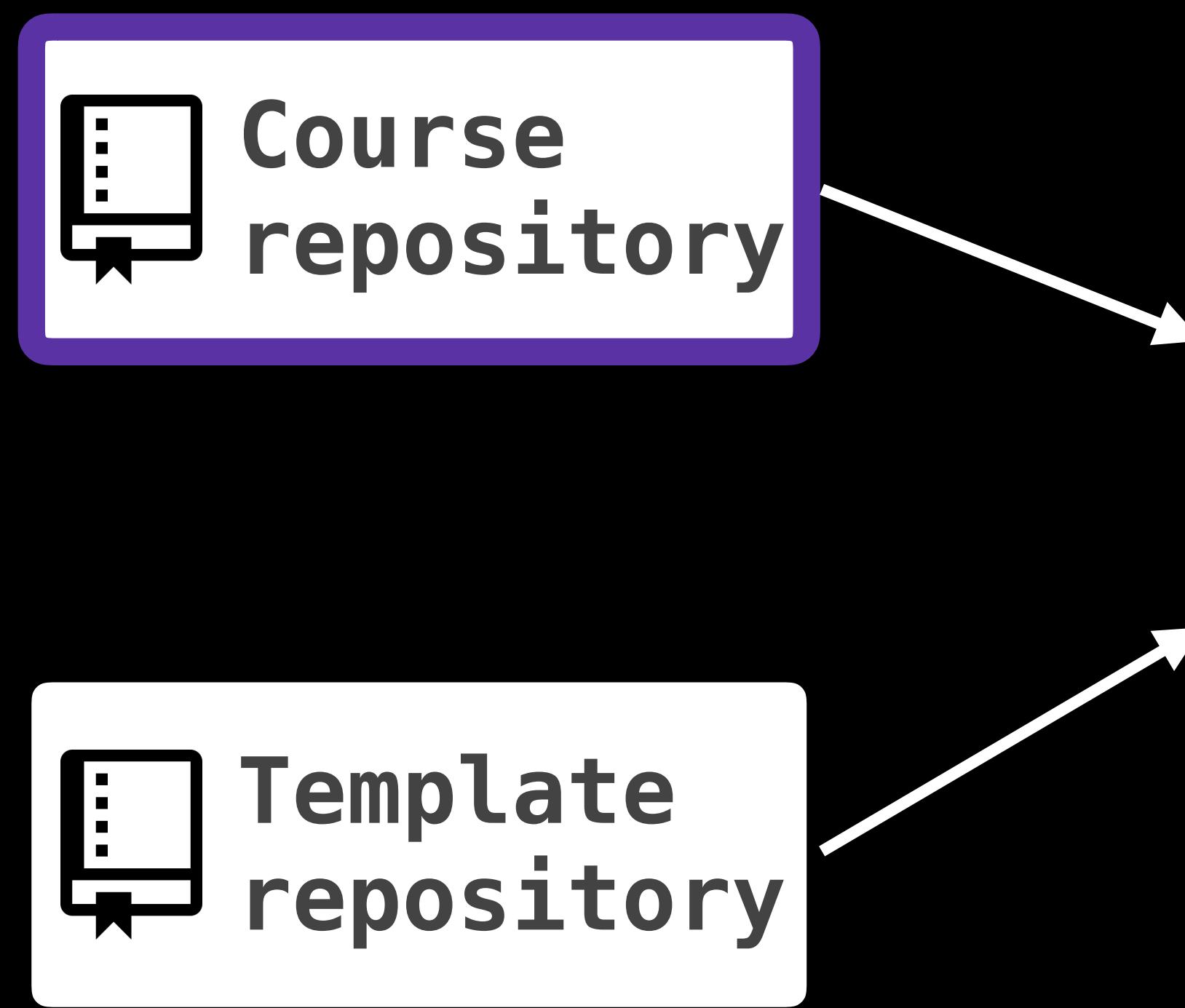
Course Repo

Creating a course on GitHub Learning Lab



A screenshot of a web browser window displaying the GitHub Learning Lab interface at lab.github.com. The page title is "Learning Lab". The main content area shows a course titled "Introduction to GitHub" with the subtitle "Your sidekick for getting started on GitHub". It lists "Git" and "GitHub" as prerequisites, and the repository "hectorsector/github-slideshow" as the source. Below this, there are tabs for "Progress", "Details", and "Course Dashboard", with "Progress" currently selected. A progress bar is shown as a green line. The "Course steps" section contains five numbered steps: 1. Assign yourself (marked with a green checkmark), 2. Turn on GitHub Pages, 3. Close an issue, 4. Create a branch, and 5. Commit a file. Each step includes a brief description.

Creating a course on GitHub Learning Lab



A screenshot of a web browser window displaying the GitHub Learning Lab interface at lab.github.com. The header includes the GitHub logo, "Learning Lab", "Courses", "Learning Paths", and "For Organizations". The main content area shows a course titled "Introduction to GitHub" with the subtitle "Your sidekick for getting started on GitHub". It lists "Git" and "GitHub" as prerequisites, and the repository "hectorsector/github-slideshow" is mentioned. Below this, there are tabs for "Progress", "Details", and "Course Dashboard", with "Progress" currently selected. A progress bar is shown as a green line. The "Course steps" section contains five numbered steps: 1. Assign yourself (marked with a green checkmark), 2. Turn on GitHub Pages, 3. Close an issue, 4. Create a branch, and 5. Commit a file. Each step has a brief description below it.

The course repository

Building courses on Learning Lab

The screenshot shows a GitHub repository page for 'githubtraining/introduction-to-github'. The repository is private, has 67 commits, and 1 branch. It includes a merge pull request from 'hectorsector' and files like 'responses', '.gitignore', 'README.md', and 'config.yml'. A 'README.md' file is expanded, showing text about GitHub's advanced technologies and its Learning Lab feature.

github.com

githubtraining / introduction-to-github Private

Code Issues 1 Pull requests 0 Projects 0 Wiki

template repo → <https://github.com/githubtraining/cap...>

learning-lab course Manage topics

67 commits 1 branch

Branch: master New pull request

hectorsector Merge pull request #19 from githubtraining/audit ...

responses add next course suggestions

.gitignore Init to winit

README.md Init to winit

config.yml add vs code new branch instructions

README.md

People use GitHub to build some of the most advanced technologies in the world. Whether you're building a new game, there's a whole community and set of tools on GitHub.

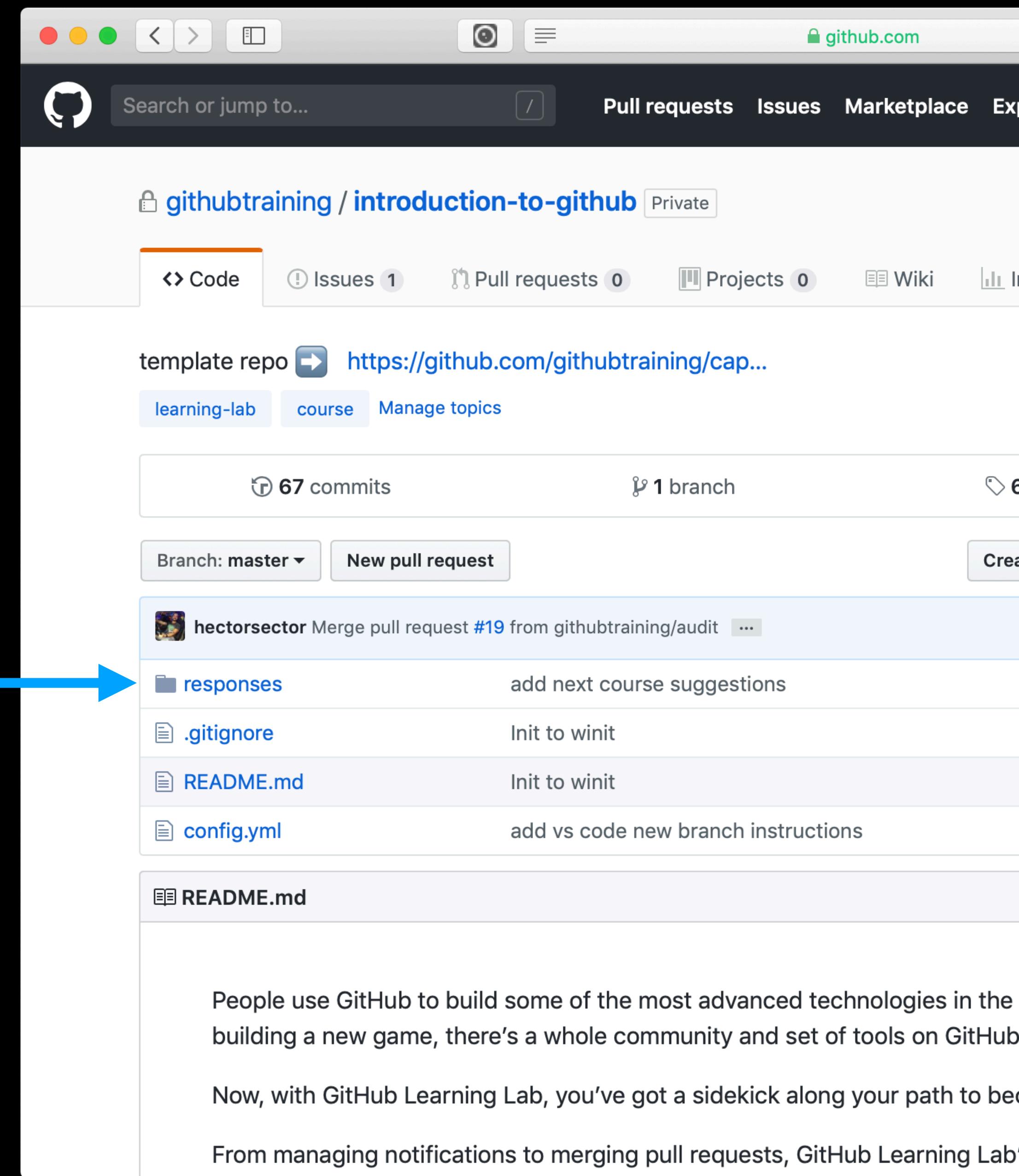
Now, with GitHub Learning Lab, you've got a sidekick along your path to becoming a developer.

From managing notifications to merging pull requests, GitHub Learning Lab makes it easier than ever to learn and grow.

The course repository

- responses/

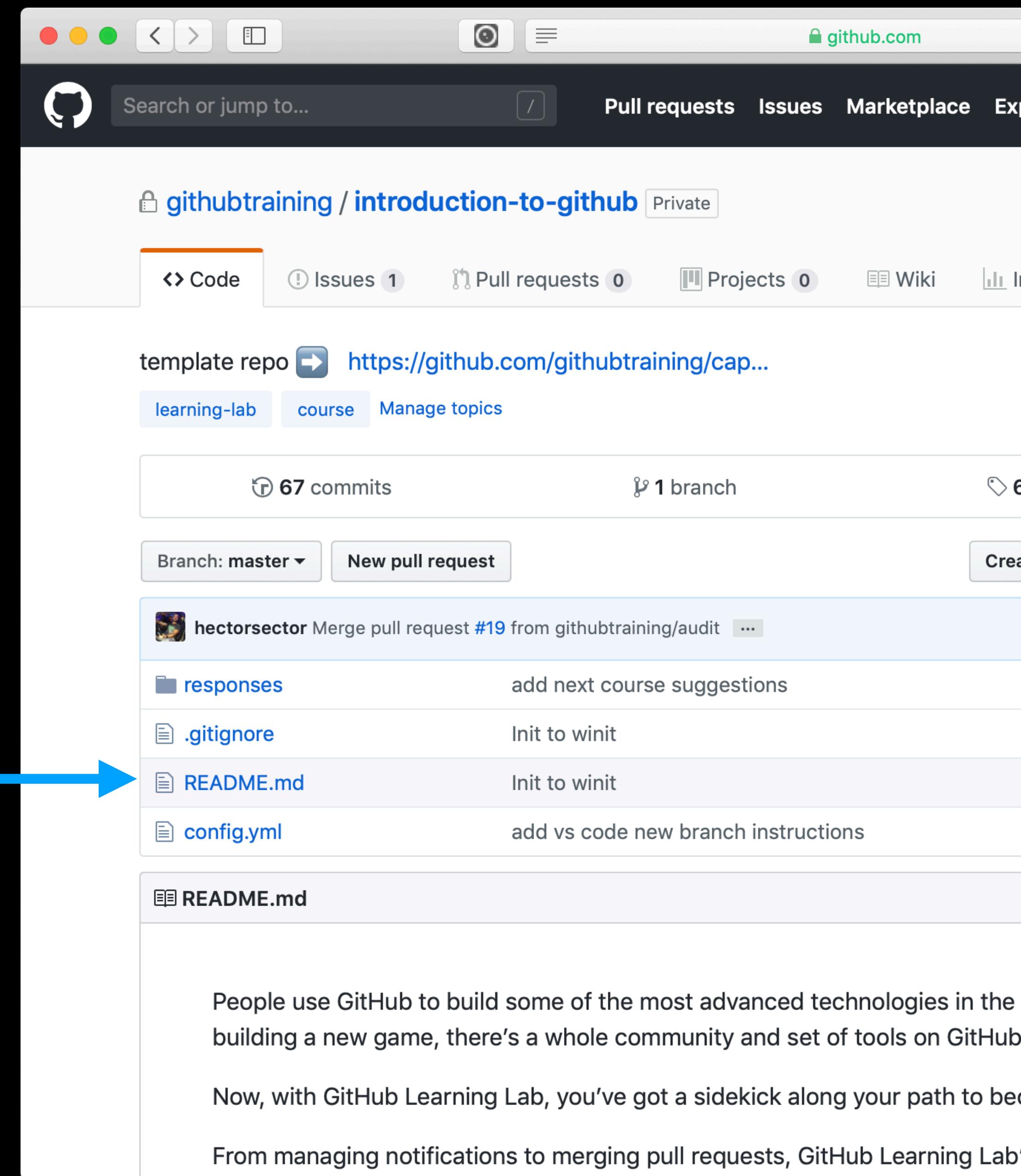
What the bot says in issues and PRs. All in Markdown.



The course repository

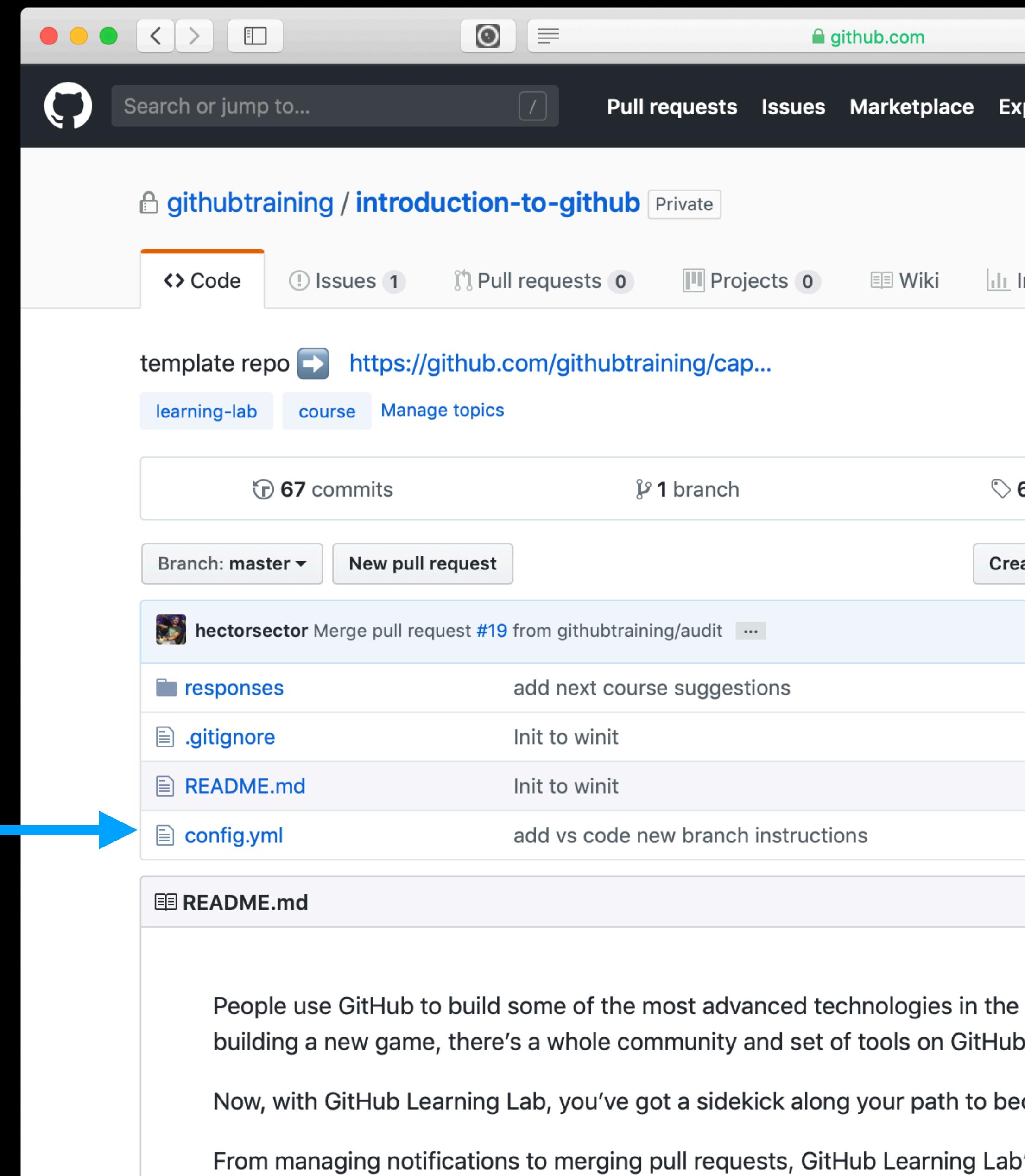
- responses/
What the bot says in issues and PRs. All in Markdown.
- README.md

Course description, shown in Learning Lab.



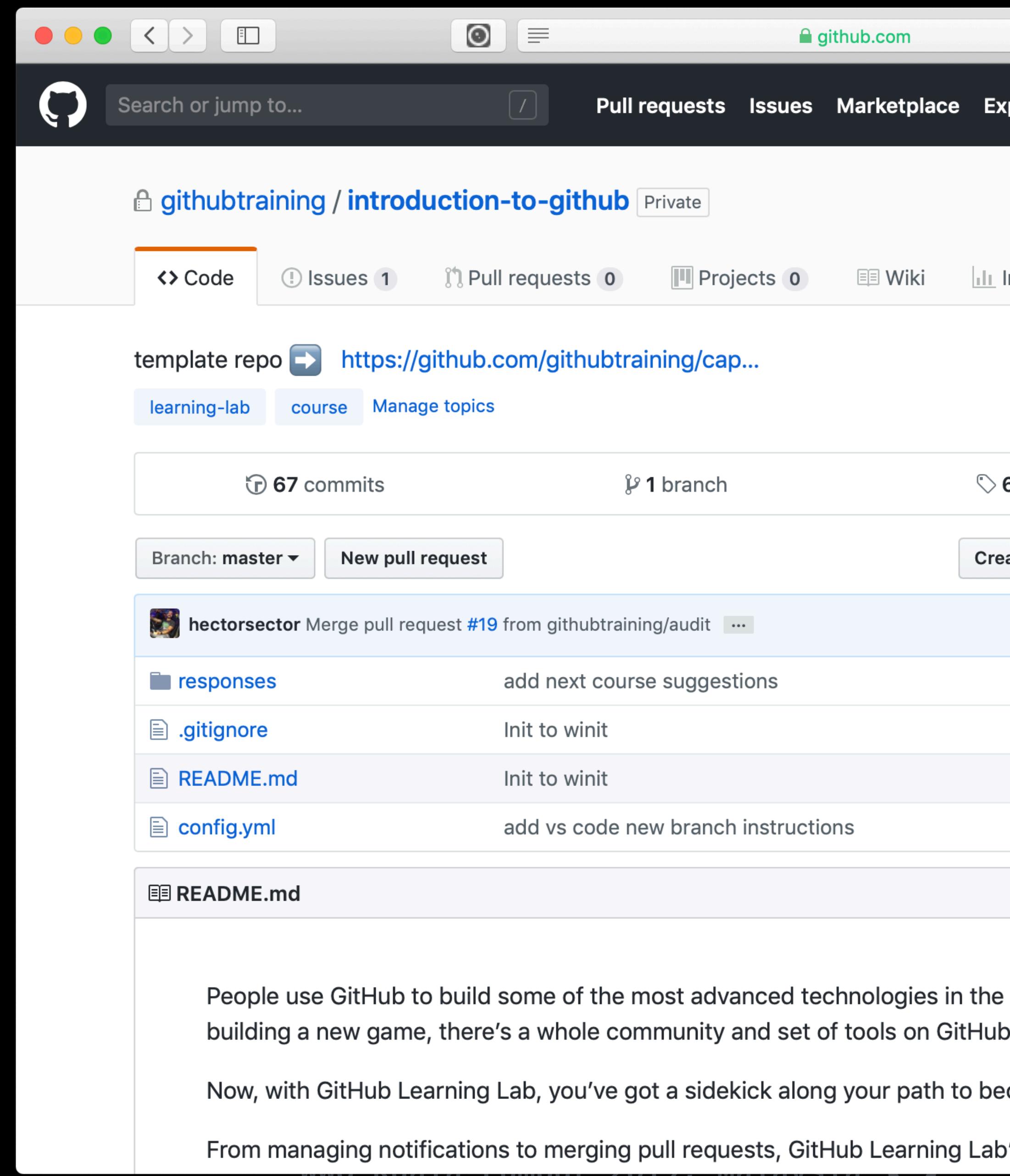
The course repository

- responses/
What the bot says in issues and PRs. All in Markdown.
- README.md
Course description, shown in Learning Lab.
- config.yml
Course metadata, setup information for the learner's repo, and course logic.



The course repository

- responses/
What the bot says in issues and PRs. All in Markdown.
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Course description, shown in Learning Lab.
- config.yml
Course metadata, setup information for the learner's repo, and course logic.



config.yml

329 lines (314 sloc) | 8.92 KB

[Raw](#) [Blame](#) [H](#)

```
1 title: Introduction to HTML
2 tagline: Take your first steps in the world of programming
3 description: If you are looking for a quick and fun introduction to the exciting world of programming, thi
4 template:
5   name: intro-html
6   repo: intro-to-html-template
7   description: 'A robot powered training repository :robot:'
8 before:
9   - type: createIssue
10    title: Welcome
11    body: 01-welcome.md
12   - type: updateBranchProtection
13
14 steps:
15   - title: Turn on GitHub Pages
16     description: Turn on GitHub Pages in the settings page of the repository.
17     event: deployment
18     link: '{{ repoUrl }}/issues/1'
19     actions:
20       - type: respond
21         with: 00-openapr.md
22         issue: 1
23
24   - title: Open a pull request
25     description: Open a pull request.
```

config.yml

metadata

```
329 lines (314 sloc) | 8.92 KB

1 title: Introduction to HTML
2 tagline: Take your first steps in the world of programming
3 description: If you are looking for a quick and fun introduction to the exciting world of programming, thi
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11    body: 01-welcome.md
12   - type: updateBranchProtection
13
14 steps:
15   - title: Turn on GitHub Pages
16     description: Turn on GitHub Pages in the settings page of the repository.
17     event: deployment
18     link: '{{ repoUrl }}/issues/1'
19     actions:
20       - type: respond
21         with: 00-openapr.md
22         issue: 1
23
24   - title: Open a pull request
25     description: Open a pull request.
```

Pointer to template repository

329 lines (314 sloc) | 8.92 KB

[Raw](#) [Blame](#) [H](#)

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3 description: If you are looking for a quick and fun introduction to the exciting world of programming, thi
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config.yml

metadata

Pointer to template repository

Actions to take as repo is being set up

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Pointer to template repository

Actions to take as repo is being set up

Each step of the course

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Event that triggers the step

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config.yml

metadata

Pointer to template repository

Actions to take as repo is being set up

Each step of the course

Event that triggers the step

Action to take when triggered

329 lines (314 sloc) | 8.92 KB

[Raw](#) [Blame](#) [History](#)

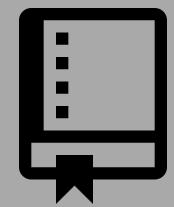
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Learning Lab

Course Lifecycle

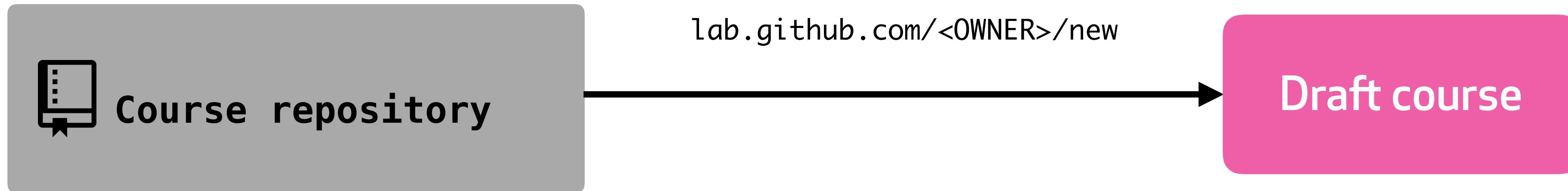
The lifecycle of a course

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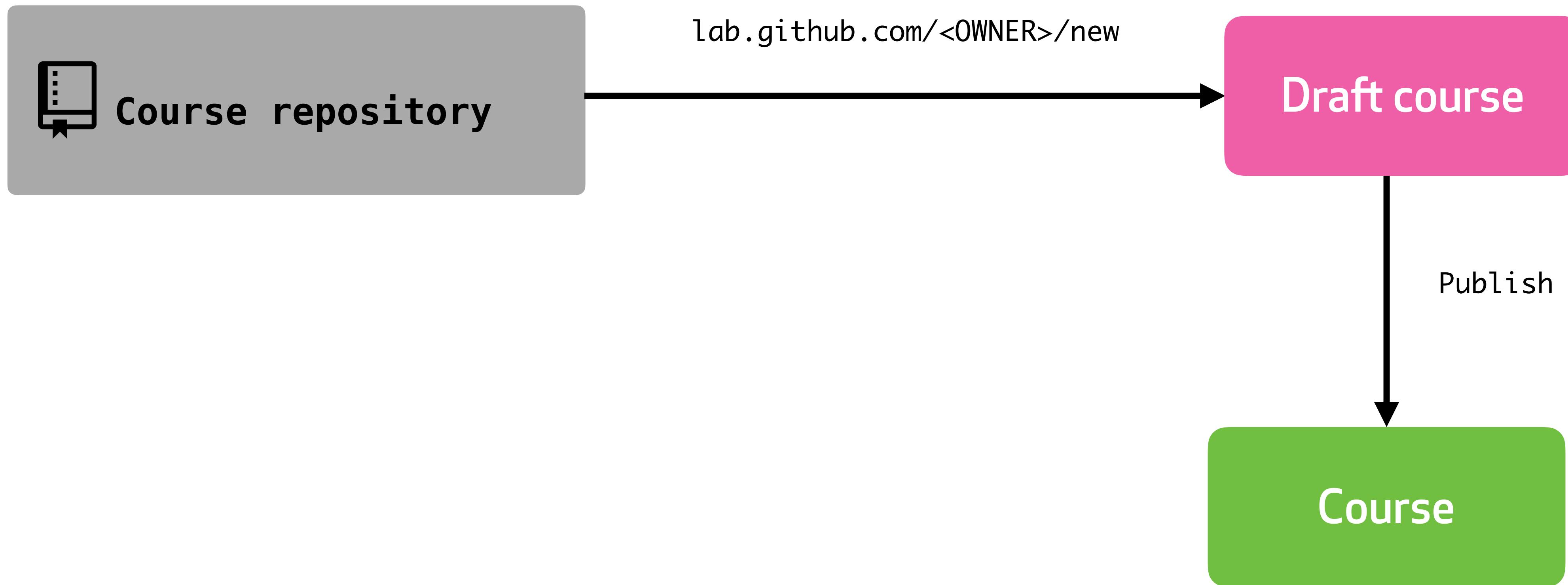


Course repository

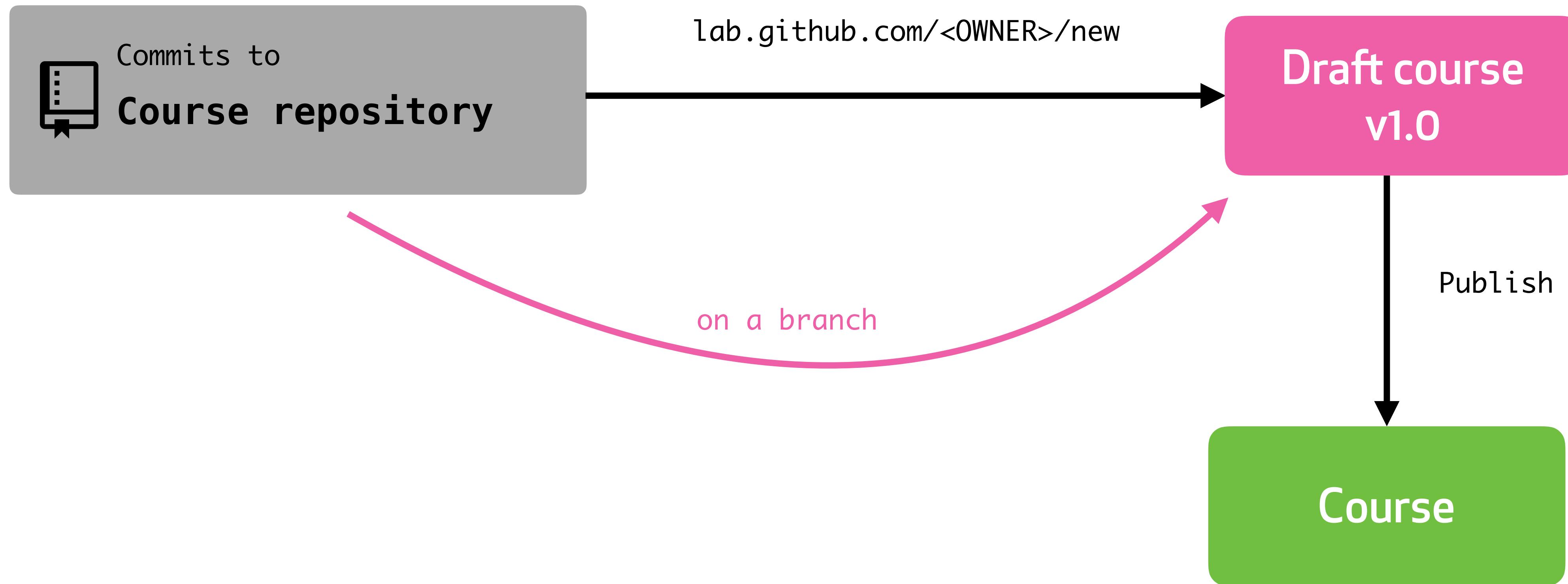
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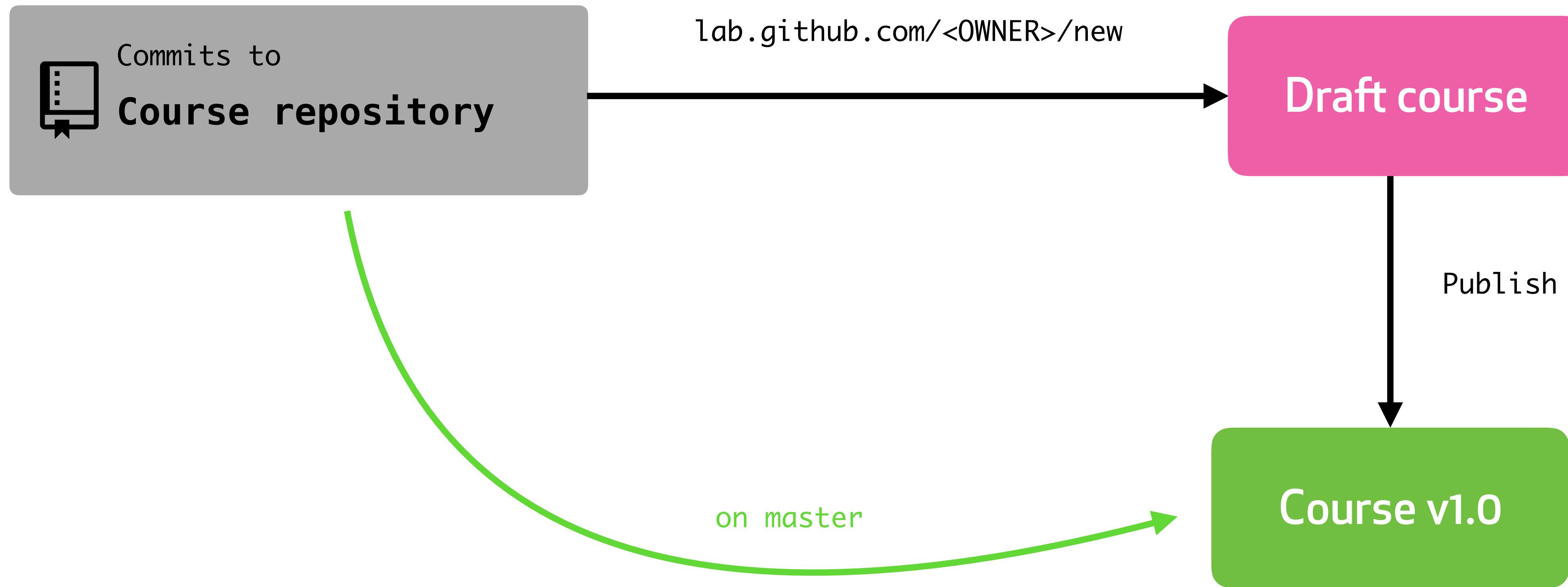
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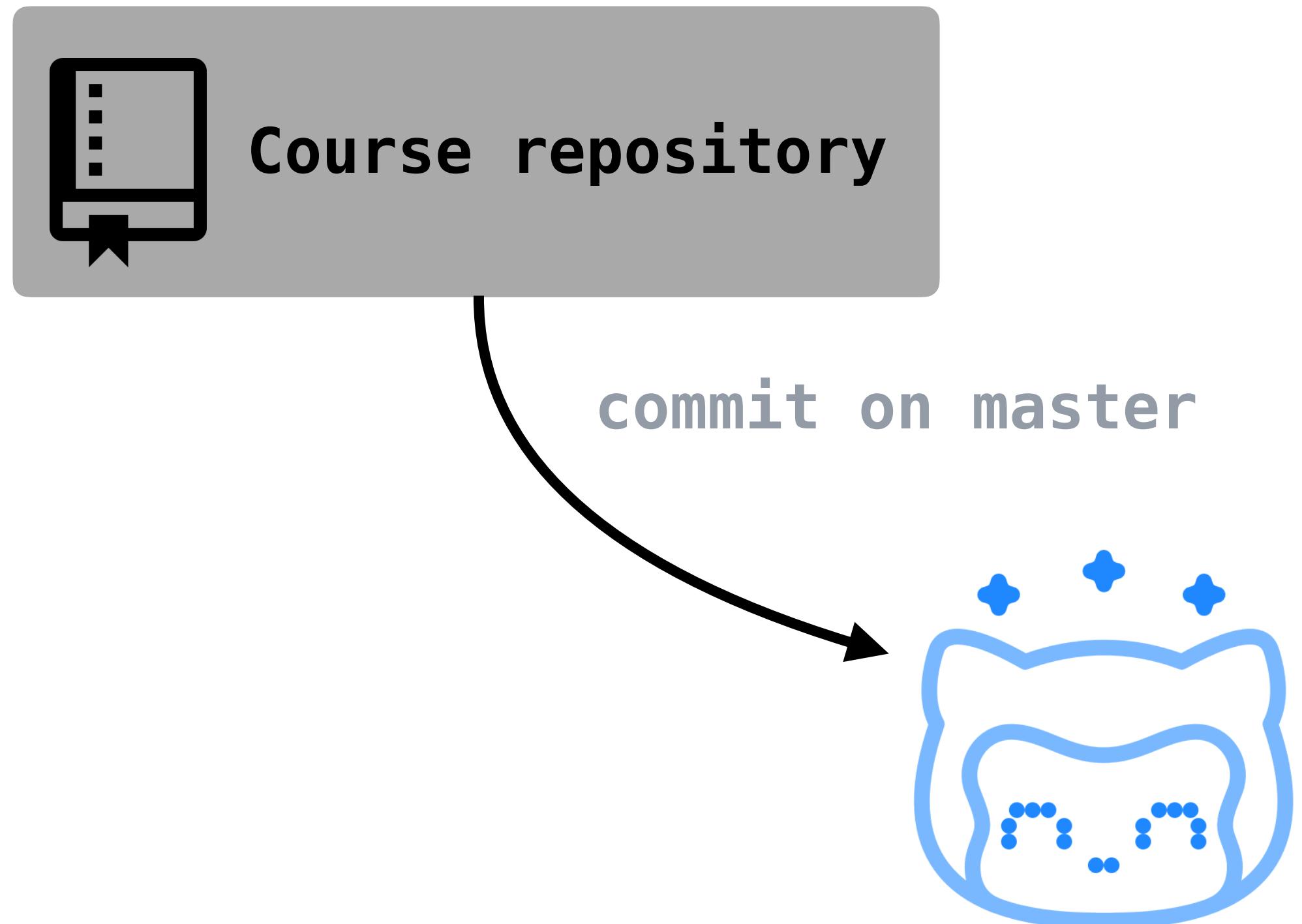
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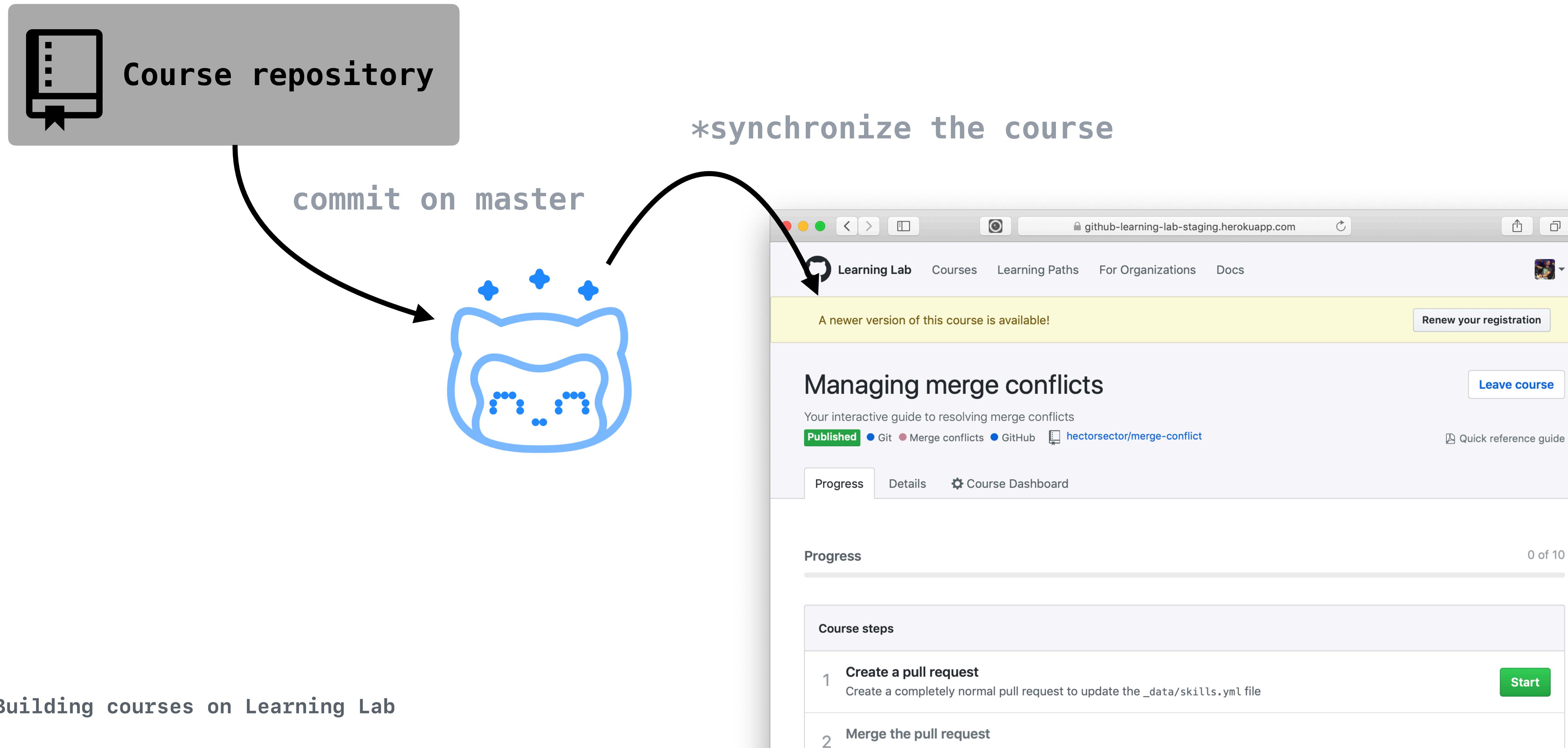
Versioning courses



*minor changes don't generate alerts



Versioning courses



About learning paths

- A **learning path** is a collection of learning resources: courses and links to any other resource.
- Create learning paths to structure learning for your developers.

The screenshot shows a web browser window with the URL 'lab.github.com'. The page title is 'First Day on GitHub' by 'The GitHub Training Team'. The page content is a list of five recommended resources:

- What is GitHub?**: Hey, it's your first time here, so let's not take any chances. Check out this short video to understand why people use GitHub. [Check it out >](#)
- Introduction to GitHub**: That video is pretty cool, right? If you want to learn how to use the workflow described in that video, take this course. [Check it out >](#)
- Git Handbook**: By now you are probably wondering what a Git is and why it is important in writing code. We have you covered with this short article on version control with Git. [Check it out >](#)
- Communicating using Markdown**: GitHub is all about collaboration and we collaborate in issues in pull requests. Learn how to get your point across with the world's easiest text formatting syntax. [Check it out >](#)
- Uploading your project to GitHub**: Now that you know what GitHub does, I bet you're ready to move all of those projects off your local machine. This course will show you how. [Check it out >](#)

Metrics: The course dashboard

Screenshot of the GitHub Course Metrics dashboard for "Create a release based workflow".

Header: lab.github.com, Active commit: 26371c1, Registrations: 1023

Left Sidebar:

- Insights (selected)
- Course Steps
- Template Repo

Versions:

- All Versions
- 1.1.0

Metrics Table:

Total registrations	1023
Registrations in progress	495
Inactive registrations	264
Completed registrations	290
Created at	Thursday, November 29th 2018, 4:48:10 pm
Course version	1.1.0 · 26371c1
Repository	githubtraining/release-workflow
Last Updated	Tuesday, December 4th 2018, 2:59:34 pm
Visibility	Public

Step Progress:

Step completion, last 7 days, version 1.1.0

Individual step completion, last 7 days, version 1.1.0:

- Create a beta release
- Create a project board
- Triage issues in a project
- Add a new feature on the release branch
- Merge the new feature to the release branch
- Open a release pull request
- Approve changes for the next release
- Install and configure a GitHub app
- Merge the config for Release Drafter
- Merge the release branch
- Finalize the release
- Approve a hotfix pull request
- Approve the backport pull request
- Create release v1.0.1

Change course to private:

If you change this course to private, only members of githubtraining will have access to it.

Switch to Private

Manually sync course:

Having trouble syncing your course, or need to update your course's template repository?

Sync course

WWC Kuala Lumpur 2019, Malaysia

Resources

The screenshot shows a web browser window for lab.github.com. The page title is "lab.github.com/docs". The navigation bar includes links for "Learning Lab", "Courses", "Learning Paths", "For Organizations", "Docs", and "Sign in". A sidebar on the left lists sections: "1. Docs home", "2. Using Learning Lab" (with sub-points: "Authorizing", "Installing", "Joining a course", "Selecting course preferences", "Leaving a course"), and "3. Writing a course" (with sub-points: "Planning", "Building: Create the repositories", "Building: Content for the catalog", "Building: The template block", "Building: Course preferences", "Building: The before block", "Building: The steps block", "Building: Events as triggers", "Building: Step links"). The main content area features a large GitHub cat icon and the heading "Welcome to the GitHub Learning Lab docs". It also contains text about the purpose of the documentation and a list of key pages.

1. [Docs home](#)

2. Using Learning Lab

- Authorizing
- Installing
- Joining a course
- Selecting course preferences
- Leaving a course

3. Writing a course

- Planning
- Building: Create the repositories
- Building: Content for the catalog
- Building: The template block
- Building: Course preferences
- Building: The before block
- Building: The steps block
- Building: Events as triggers
- Building: Step links

We're glad you're here! These docs describe every part of Learning Lab, from writing courses to installing Learning Lab for Enterprise.

Use the sidebar to help you get going or jump right into some of the following key pages:

- [Quickstart on building courses](#) if you've been here before and are just looking for a tidy checklist.
- [Available actions](#) for a quick reference to actions and their parameters.
- [Learning Lab for GitHub Enterprise](#) to learn more or install for your Enterprise instance.

lab.github.com/githubtraining/write-a-learning-lab-course

A screenshot of a web browser displaying the GitHub Learning Lab course page for "Write a Learning Lab course". The browser interface includes standard window controls (red, yellow, green buttons), a back/forward button, a refresh button, and a search/address bar showing the URL. The main navigation menu at the top includes "Learning Lab" (with a logo), "Courses", "Learning Paths", "For Organizations", "Docs", and a "Sign in" button. Below the menu, the path "githubtraining / Write a Learning Lab course" is shown. The main title "Write a Learning Lab course" is prominently displayed in large, bold, dark font. A sub-headline "Learn how to author your own Learning Lab course." follows. A call-to-action box contains the text "Join this course" and a description of GitHub Learning Lab as an integrated learning experience. It includes a "Sign in with GitHub" button. A larger text box below explains that Learning Lab helps people build real-world skills through hands-on activities and streamlines the course building process. At the bottom, a note encourages registration to get starter files or complete course steps.

Learning Lab

Courses Learning Paths For Organizations Docs

Sign in

githubtraining /

Write a Learning Lab course

Learn how to author your own Learning Lab course.

Join this course

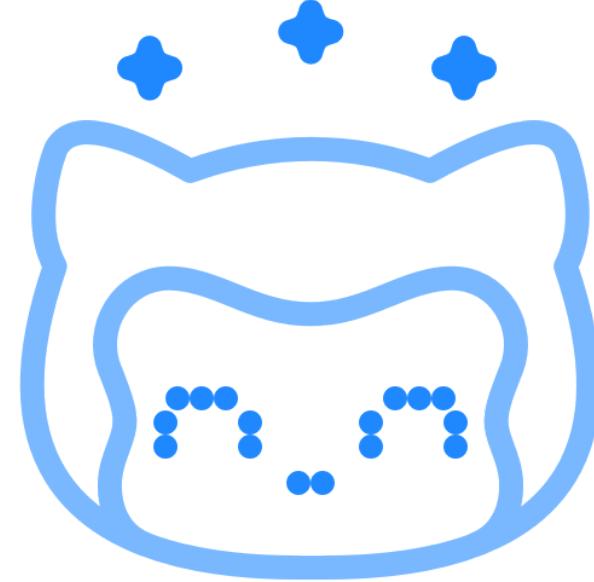
GitHub Learning Lab is an integrated learning experience to help you learn how to use GitHub by using GitHub. Complete courses at your own pace on collaboration, workflow, and more.

Sign in with GitHub

Learning Lab helps people build real world skills through hands-on activities. This course streamlines the course building process, and gives you all the tools you need to help others learn.

Register for this course to get the starter files needed to build your Learning Lab course, or complete the course steps for a

We're here to help



learninglab@github.com



GitHub Enterprise Server
GitHub Enterprise Cloud



Hire professional
services to create
courses for you

A screenshot of a GitHub profile page for a user named 'hectorsector'. The profile picture shows a man with a beard sitting in a car seat, smiling. The page includes sections for 'Popular repositories' (listing 'git-and-the-bad-day', 'play-2048', 'lesson-code', and 'cop1000'), 'Contributions' (showing 4,211 contributions in the last year), and 'Organizations' (listing several GitHub organizations). The GitHub URL in the address bar is 'github.com/hectorsector'.

Hector Alfaro
hectorsector
Lifelong teacher and learner.

GitHub STAFF
Orlando, FL

Contributions
4,211 contributions in the last year

Organizations

Open "<https://github.com/account>" in a new tab

Product Owner

Hector Alfaro

[@hectorsector](#)
 [@thehectorsector](#)
 learninglab@github.com