



Write a Learning Lab course

 The GitHub Training Team

Your Learning Lab course will help developers around the world discover new technologies, learn new skills and build better software. You have knowledge to share and this course will help you take your first steps, today.

[Start free course](#)

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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.

If you'd like to get started in building courses for others, this is the course for you!

What you'll learn

This course will answer questions like:

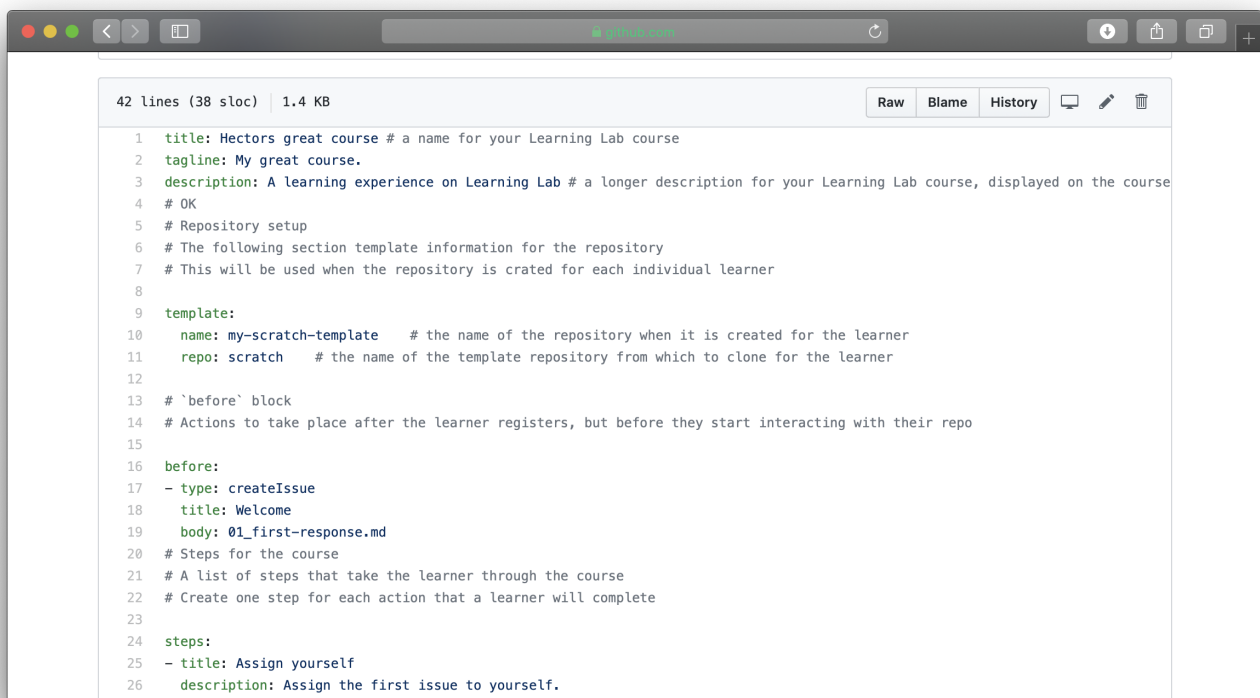
- How does a Learning Lab course work?
- What are GitHub events?
- What's a step?
- How do I write responses?
- What topic is a good candidate for a Learning Lab course?
- How do I give a learner feedback?

- How do I list a course in the catalog and publish it?

After taking this course, you'll be able to:

- Design a course using your chosen topic
- Create your course on GitHub Learning Lab
- Break down your topic into smaller steps for GitHub
- Create a template repository

What you'll build



The screenshot shows a web browser window displaying a GitHub repository file. The file is a YAML configuration for a Learning Lab course. The interface includes a header with '42 lines (38 sloc)' and '1.4 KB', and buttons for 'Raw', 'Blame', and 'History'. The code is as follows:

```
1 title: Hectors great course # a name for your Learning Lab course
2 tagline: My great course.
3 description: A learning experience on Learning Lab # a longer description for your Learning Lab course, displayed on the course
4 # OK
5 # Repository setup
6 # The following section template information for the repository
7 # This will be used when the repository is crated for each individual learner
8
9 template:
10   name: my-scratch-template # the name of the repository when it is created for the learner
11   repo: scratch # the name of the template repository from which to clone for the learner
12
13 # `before` block
14 # Actions to take place after the learner registers, but before they start interacting with their repo
15
16 before:
17   - type: createIssue
18     title: Welcome
19     body: 01_first-response.md
20 # Steps for the course
21 # A list of steps that take the learner through the course
22 # Create one step for each action that a learner will complete
23
24 steps:
25   - title: Assign yourself
26     description: Assign the first issue to yourself.
```

For this course, the best reference point is any other completed Learning Lab course! Take a look at the [source code for all our courses](#). Feel free to dive into the `config.yml` file for each course and explore!

Prerequisites

We recommend you first complete the following courses:

- [Introduction to GitHub](#) to learn how to use GitHub and pull requests to edit files.
- [Communicating using Markdown](#) to learn Markdown, which is used to create response files and throughout the course creation process.
- [Getting started with GitHub Apps](#) for understanding webhooks, events, and the basics of the GitHub API.

Projects used

This course uses all original content, we didn't use any open source projects to create it.

Audience

Developers, teachers, and team leads.

► Steps to complete this course 15

Tags

● Courses ● Teaching ● YAML ● Learning Lab ● Learning

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Average time to complete

41 minutes

Free

All public courses on Learning Lab are free.

Get help

[Post on the GitHub Community Forum](#)

Latest release

February 28, 2020



What is GitHub Learning Lab?

Learn new skills by completing fun, realistic projects in your very own GitHub repository.

Ready to start learning?

Start this project now

