



# Continuous integration with Travis CI

A quick reference guide to complete the steps in the course.

<https://lab.github.com/courses/continuous-integration-with-travis-ci/>

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## 1. Enable continuous integration

Enable Travis CI on this repository

- 1.1. Open the **Install Travis CI** link in a new tab.
- 1.2. Install Travis CI on this repository.
- 1.3. Create a new pull request using `base: master` and `compare: initial-travis-config`.

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## 2. Specify the Ruby version

- 2.1. In this pull request, replace the placeholder text with `2.4.1`. **You can do this by editing the file from the Files changed tab, or by scrolling down and accepting the suggested changes.**

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## 3. Merge the configuration

Share your configuration with the team by merging it

- 3.1. Click **merge pull request**, and delete your branch.

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## 4. Add validation

Add some automated validation to your project

- 4.1. In this pull request, add the following code to the `REPLACE-ME-WITH-SCRIPT` placeholder in your `.travis.yml` file.
- 4.2. Commit your change.

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## 5. Protect the master branch

Add some automated validation to your project

- 5.1. Navigate to the **Branches section of the Settings** for this repository.
  - 5.2. Under **Branch protection rules**, click the **Edit** button next to master.
  - 5.3. Select **Require status checks to pass before merging**.
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- 5.4. Uncheck **Require branches to be up to date before merging**.
  - 5.5. Select the **Travis CI - Branch** and **Travis CI -Pull Request** options.
  - 5.6. Click **Save changes**.
  - 5.7. Return to your pull request and **Approve the pull request**.
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## 6. Fix the broken build

Fix the build in your codebase

- 6.1. Apply the suggested change.
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## 7. Merge code with a successful build

Merge the pull request

- 7.1. Click **Merge pull request**, and delete your branch.
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## 8. Apply batch suggested fixes to refactor config

Check for broken links using Travis CI

- 8.1. Go to the Files changes tab.
  - 8.2. Next to each suggested change, click **Add suggestion to batch**.
  - 8.3. At the top of the page, click **Commit suggestions** and enter a commit message.
  - 8.4. Click **Commit changes**.
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## 9. Fix the broken link

- 9.1. In this pull request, change <https://help.github.com/setupgit> to <https://help.github.com/articles/set-up-git/>. **You can do this by editing the file from the Files changed tab, or by scrolling down and accepting the suggested change.**
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## 10. Merge the unit test

Add the testlinks unit test to master

- 10.1. Review and Approve the pull request.
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10.2. Click **Merge pull request**, and delete your branch.

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## 11. Deploy

Enable GitHub pages to deploy

11.1. Navigate to the **Settings** tab.

11.2. Under GitHub pages, set the source to `master branch` and click **Save**.

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