Figure 10-1. Your team members can review your code changes in a GitHub pull request.

Run Automated Tests

You should set up commit hooks to run automated tests for every commit you push to your version control system. The most common way to do this is to use a *continuous integration* (CI) server, such as Jenkins, CircleCI, or GitHub Actions. Most popular CI servers have integrations built in specifically for GitHub, so not only does every commit automatically run tests, but the output of those tests shows up in the pull request itself, as shown in Figure 10-2.

You can see in Figure 10-2 that CircleCI has run unit tests, integration tests, end-to-end tests, and some static analysis checks (in the form of security

vulnerability scanning using a tool called `snyk`) against the code in the branch, and everything passed.

Updated Hello, World text by b ×   +

🔒 GitHub, Inc. [US] | https://github.com/brikis98/terraform-up-and-running-code/pull/30

Updated Hello, World text #30

Edit

🔀 Open   **brikis98** wants to merge 1 commit into `master` from `feature-example`

💬 Conversation 0   ⦿ Commits 1   📋 Checks 0   📄 Files changed 1   +1 −1 ▪▪▫▫▫

brikis98 commented 11 minutes ago   Owner   +☺   ⋯

Update Hello, World text.

├── ▣ Updated Hello, World text   92e3c63

Add more commits by pushing to the **feature-example** branch on **brikis98/terraform-up-and-running-code**.

✓ **Review requested**   Show all reviewers
   Review has been requested on this pull request. It is not required to merge. Learn more.

✓ **All checks have passed**   Hide all checks
   4 successful checks

   ✓ ⦿ ci/circleci: unit-tests — Your tests passed on CircleCI!   Details

   ✓ ⦿ ci/circleci: integration-tests — Your tests passed on CircleCI!   Details

   ✓ ⦿ ci/circleci: e2e-tests — Your tests passed on CircleCI!   Details

   ✓ ▣ security/snyk - package.json (Gruntwork) — No manifest changes detected

✓ **This branch has no conflicts with the base branch**
   Merging can be performed automatically.

Merge pull request ▾   You can also open this in GitHub Desktop or view command line instructions.

Reviewers   ⚙
No reviews

Assignees   ⚙
No one—assign yourself

Labels   ⚙
None yet

Projects   ⚙
None yet

Milestone   ⚙
No milestone

Notifications

🔇 Unsubscribe   ⚙

You're receiving notifications
because you're watching this
repository.

1 participant

🔒 Lock conversation