

```
Finished in 0.633175 seconds.  
-----  
8 tests, 24 assertions, 0 failures, 0 errors  
100% passed  
-----
```

The key thing to notice is that both manual and automated tests for application code can run completely locally on your own computer. You'll see later in this chapter that this is not true for the same part of the workflow for infrastructure changes.

Make Code Changes

Now that you can run the application code, you can begin making changes. This is an iterative process in which you make a change, rerun your manual or automated tests to see whether the change worked, make another change, rerun the tests, and so on.

For example, you can change the output of *web-server.rb* to "Hello, World v2," restart the server, and see the result:

```
$ curl http://localhost:8000  
Hello, World v2
```

You might also update and rerun the automated tests. The idea in this part of the workflow is to optimize the feedback loop so that the time between making a change and seeing whether it worked is minimized.

As you work, you should regularly be committing your code, with clear commit messages explaining the changes you've made:

```
$ git commit -m "Updated Hello, World text"
```

Submit Changes for Review

Eventually, the code and tests will work the way you want them to, so it's time to submit your changes for a code review. You can do this with a separate code review tool (e.g., Phabricator or Review Board) or, if you're

using GitHub, you can create a *pull request*. There are several different ways to create a pull request. One of the easiest is to `git push` your `example-feature` branch back to `origin` (that is, back to GitHub itself), and GitHub will automatically print out a pull request URL in the log output:

```
$ git push origin example-feature  
(...)  
remote: Resolving deltas: 100% (1/1), completed with 1 local  
object.  
remote:  
remote: Create a pull request for 'example-feature' on GitHub by  
remote: visiting:  
remote:     https://github.com/<OWNER>/<REPO>/pull/new/example-  
feature  
remote:
```

Open that URL in your browser, fill out the pull request title and description, and then click Create. Your team members will now be able to review the changes, as shown in [Figure 10-1](#).