

- Automated tests
 - Unit tests
 - Integration tests
 - End-to-end tests
 - Other testing approaches

EXAMPLE CODE

As a reminder, you can find all of the code examples in the book on [GitHub](#).

Manual Tests

When thinking about how to test Terraform code, it can be helpful to draw some parallels with how you would test code written in a general-purpose programming language such as Ruby. Let's say you were writing a simple web server in Ruby in *web-server.rb*:

```
class WebServer < WEBrick::HTTPServlet::AbstractServlet
  def do_GET(request, response)
    case request.path
    when "/"
      response.status = 200
      response['Content-Type'] = 'text/plain'
      response.body = 'Hello, World'
    when "/api"
      response.status = 201
      response['Content-Type'] = 'application/json'
      response.body = '{"foo":"bar"}'
    else
      response.status = 404
      response['Content-Type'] = 'text/plain'
      response.body = 'Not Found'
    end
  end
end
```