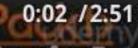
#### DevOps for Web Developers

Mitesh Soni

# An Overview of a Sample Java EE Application



Continue >





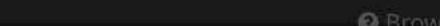


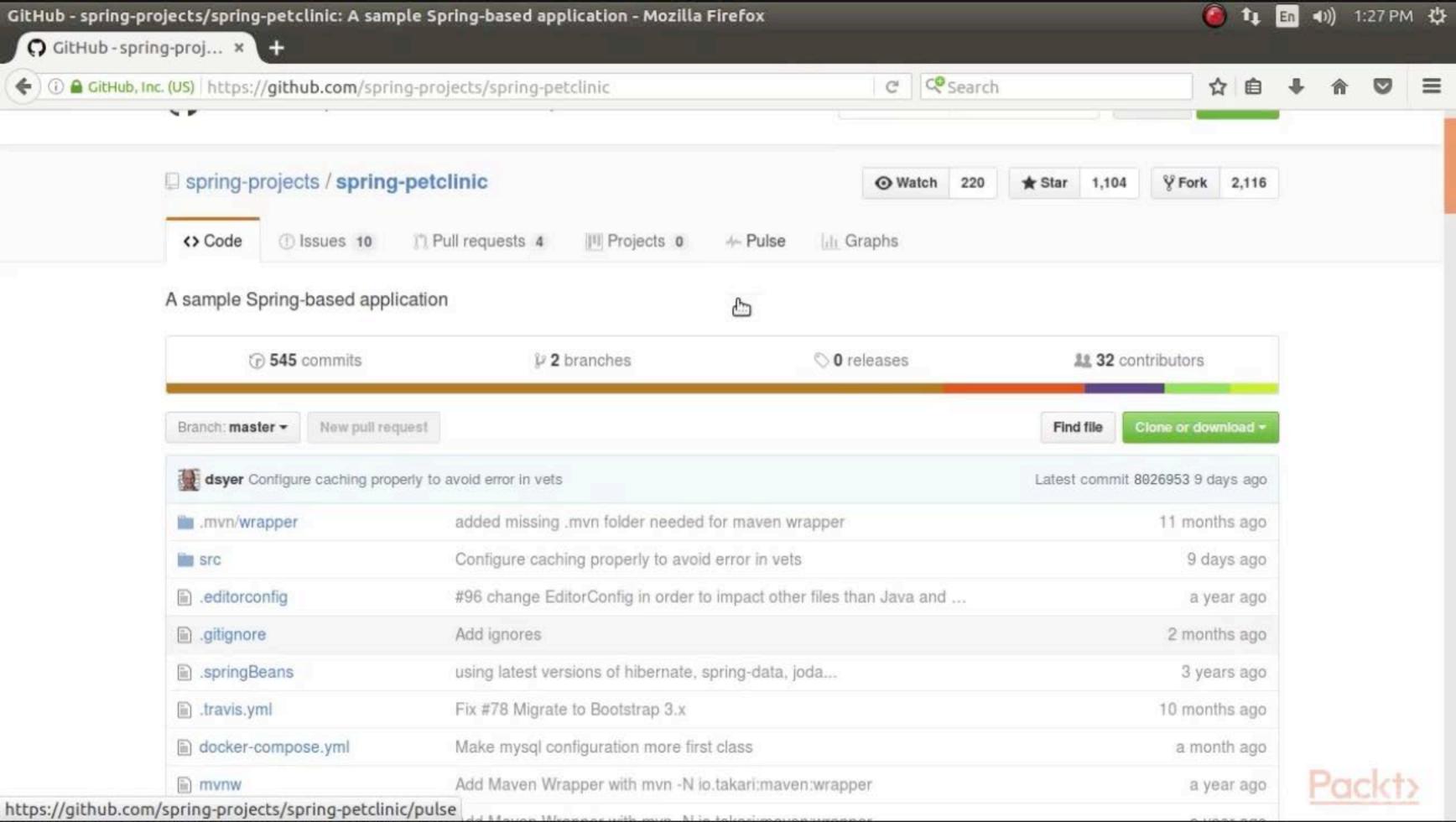
## In this Video, we are going to take a look at...

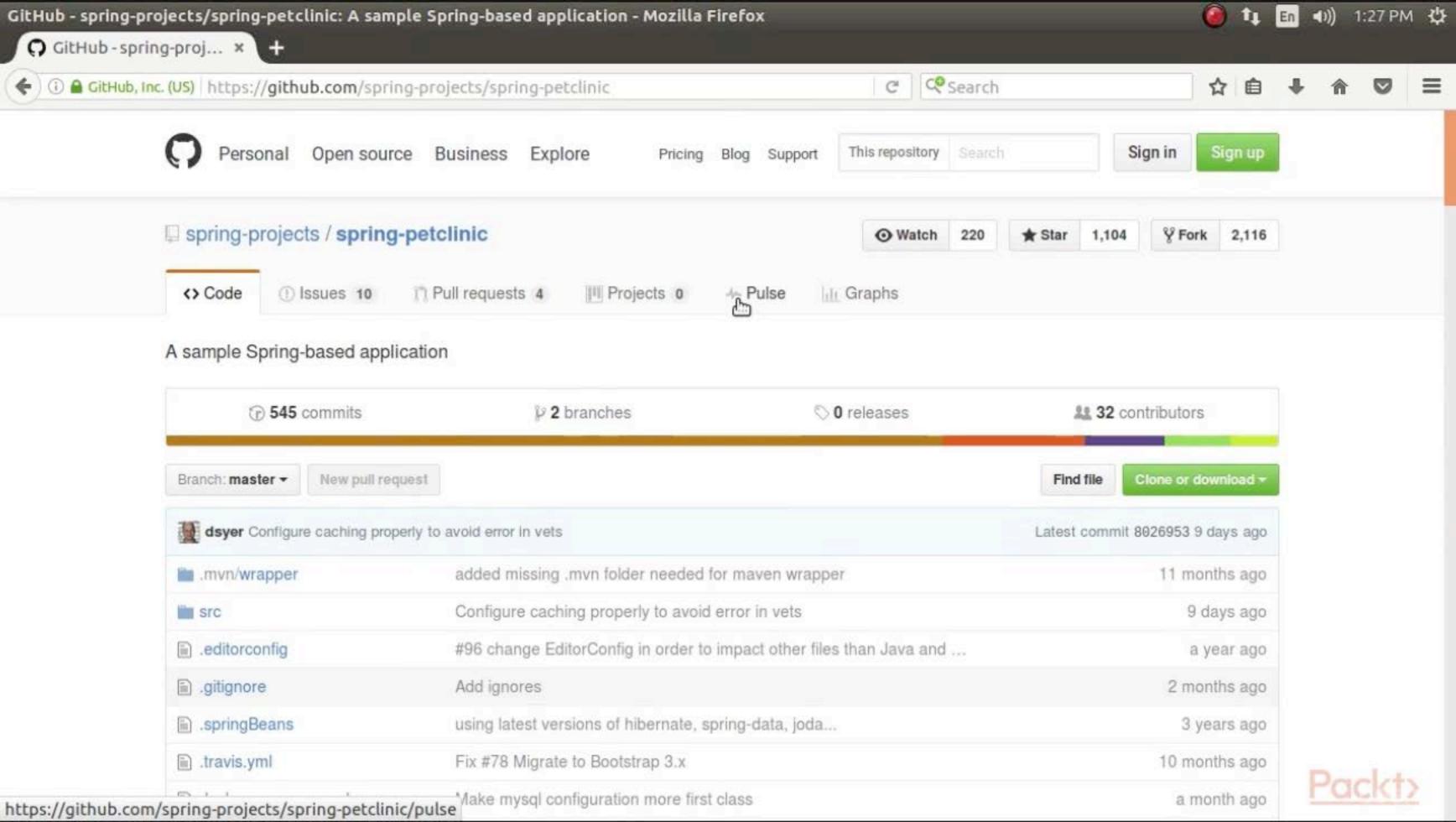
- Creating and configure a deployment pipeline
- Installing and configure Docker
- Configuring infrastructure monitoring











#### Use Cases

- Add a new pet owner, a new pet, and information pertaining to a visit to the pet's visitation history to the system
- Update the information pertaining to a pet and pet owner
- View a list of veterinarians and their specialties, a pet owner, a pet, and pet's visitation history



## Pet Clinic A Spring Framework Demonstration





Q Find owners

Veterinarians

▲ Error

### Welcome







#### List of Task

- Jenkins installation, configuration, and UI personalization
- Java configuration (JAVA\_HOME) in Jenkins
- Maven or Ant configuration in Jenkins
- Plugin installation and configuration in Jenkins
- Security (access control, authorization, and project-based security) in Jenkins



#### List of Task

- Jenkins build configuration and execution
- Email notification configuration
- Deploying a WAR file to a web application server
- Creating and configuring a build/deployment pipeline
- Installing and configuring Chef



### List of Task

- Installing and configuring Docker
- Creating and configuring a virtual machine in AWS, Microsoft Azure, and containers
- Deploy a WAR file into a virtual machine and a container



## Summary

- Understood about the DevOps movement
- Looked at the DevOps lifecycle
- Tools and Technologies
- An Overview of a Sample Java EE Application



### **Next Section**

Continuous Integration with Jenkins 2

