

# Creating Web Apps

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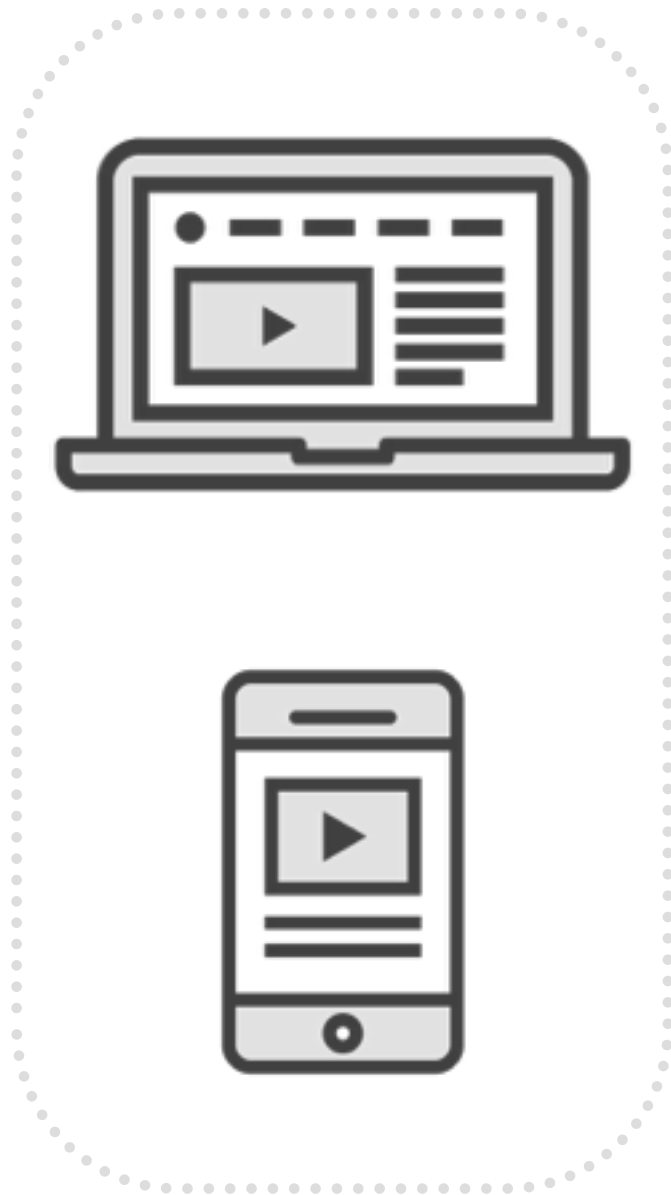


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# RESTful Web App

Clients



HTTP/HTTPS

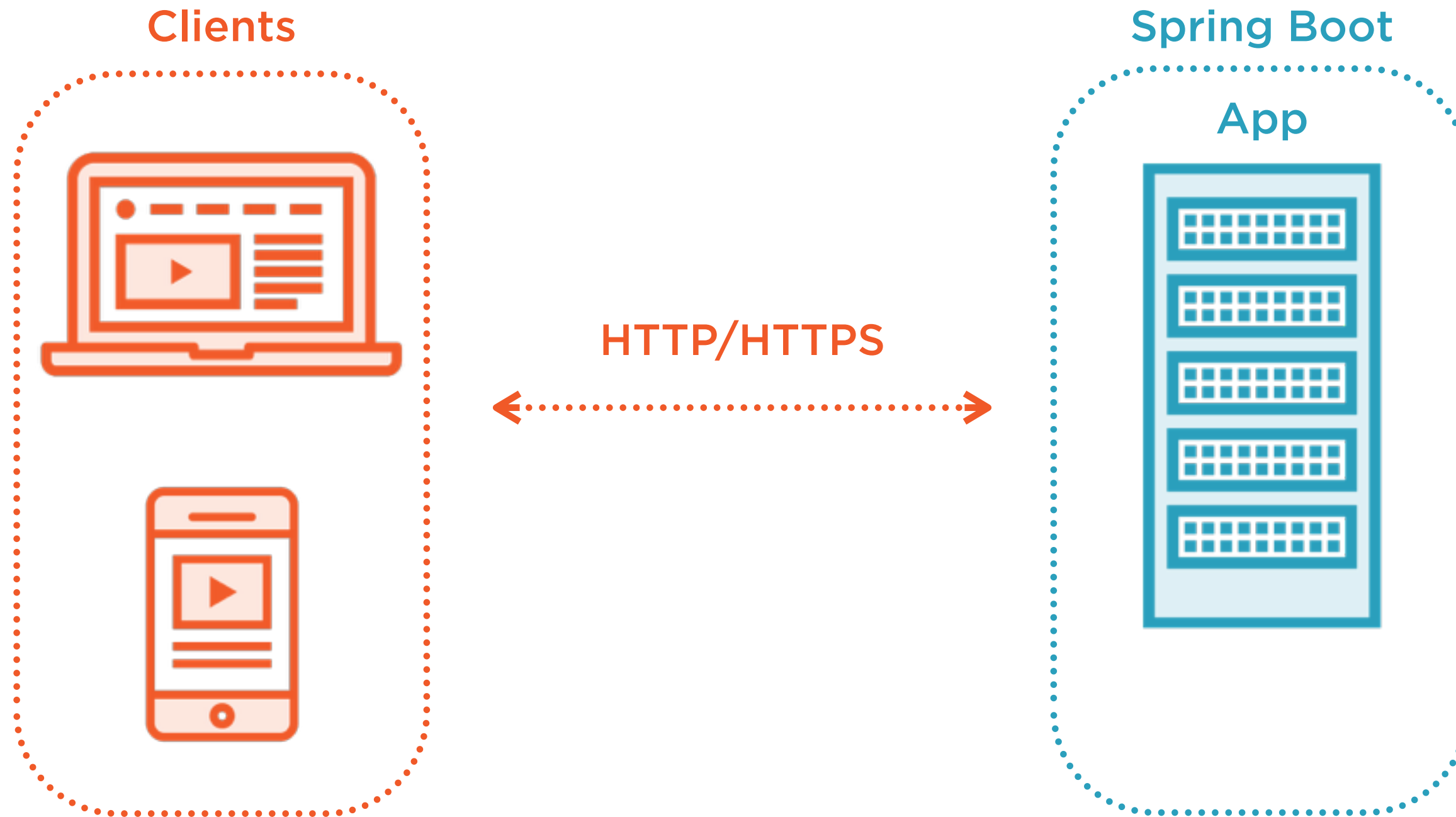


Spring Boot

App



# RESTful Web App



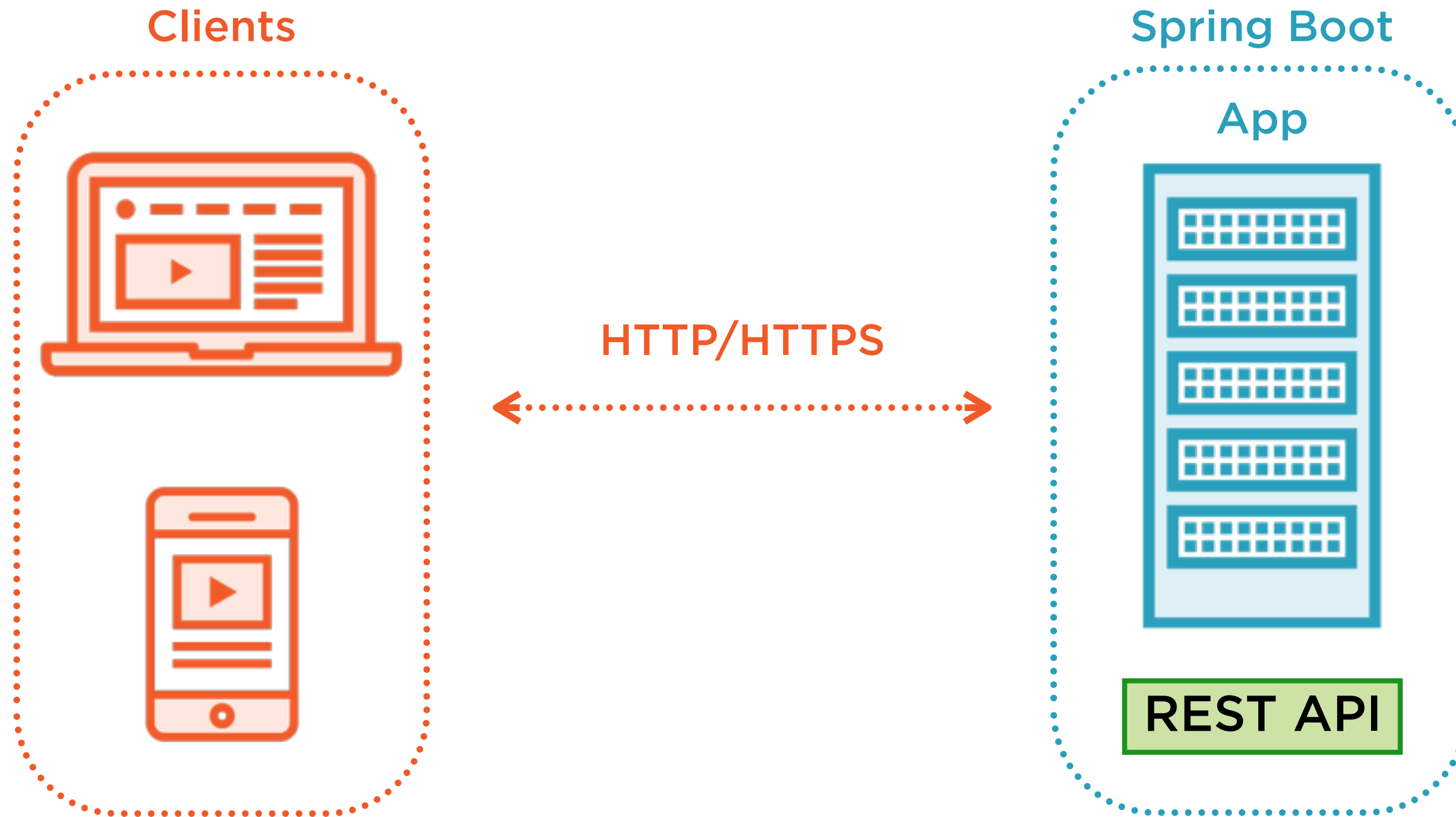
# Demo

```
git clone https://github.com/dlbunker/  
ps-spring-boot-resources.git
```

## Default static content locations

- classpath
  - /static
  - /public
  - /resources
  - /META-INF/resources

# RESTful Web App



# Demo

## Spring MVC REST Controller

### ngResource for “shipwreck”

- GET /api/v1/shipwrecks (list)
- POST /api/v1/shipwrecks (add)
- GET /api/v1/shipwrecks/{id} (view)
- PUT /api/v1/shipwrecks/{id} (update)
- DELETE /api/v1/shipwrecks/{id} (delete)

# Spring MVC Integration Overview



**spring-boot-starter-web in pom.xml**

**Sets up ViewResolvers**

**Sets up static resource serving**

**Sets up HttpMessageConverter**

**Sets up customizable hooks**

# Properties and Environmental Configuration

## **application.properties**

- Place on classpath root
- YAML or Properties format

## **Environmental configuration**

- application-{profile}.properties
- application-dev.properties
- application-prod.properties



# Demo

**Create application.properties**

**Customize embedded container**

**Setup environment profiles**

# Summary

**Presentation Tier**

**Integrating Spring MVC with Spring Boot**

**Serving static web resources**

**Creating a RESTful API with Spring MVC**

**application.properties configuration**