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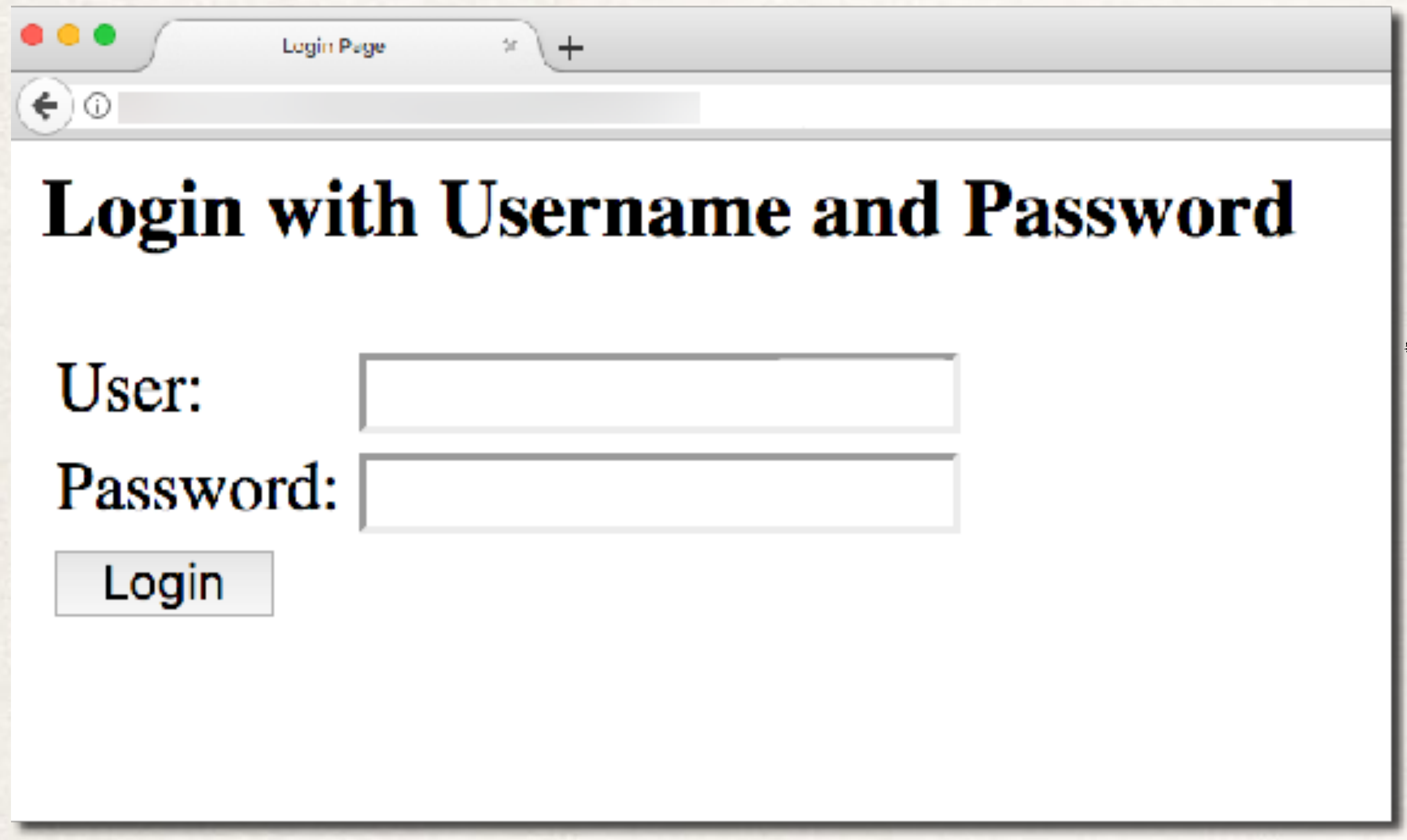
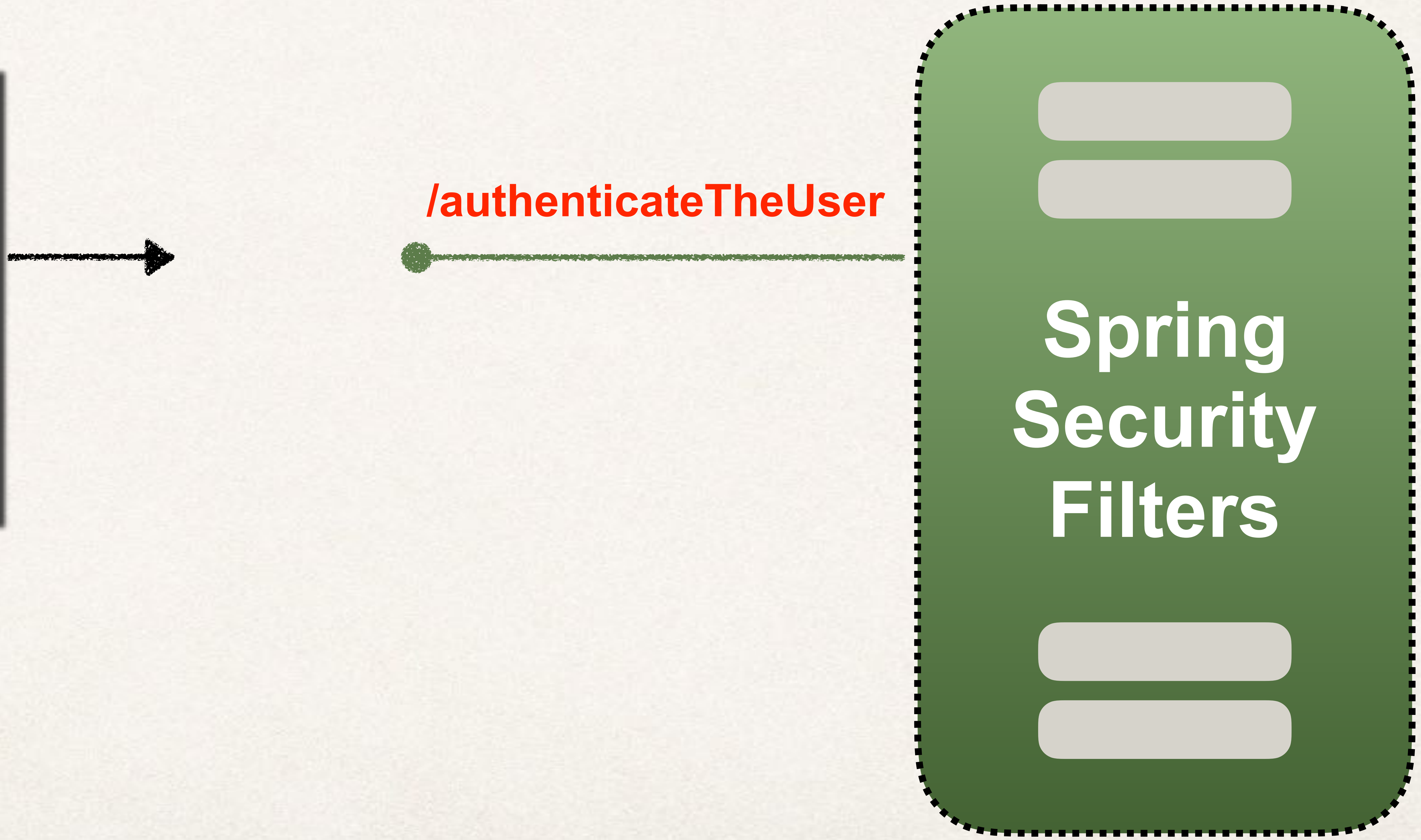


Login with Username and Password

User:

Password:

Login



Step 3: Create custom login form

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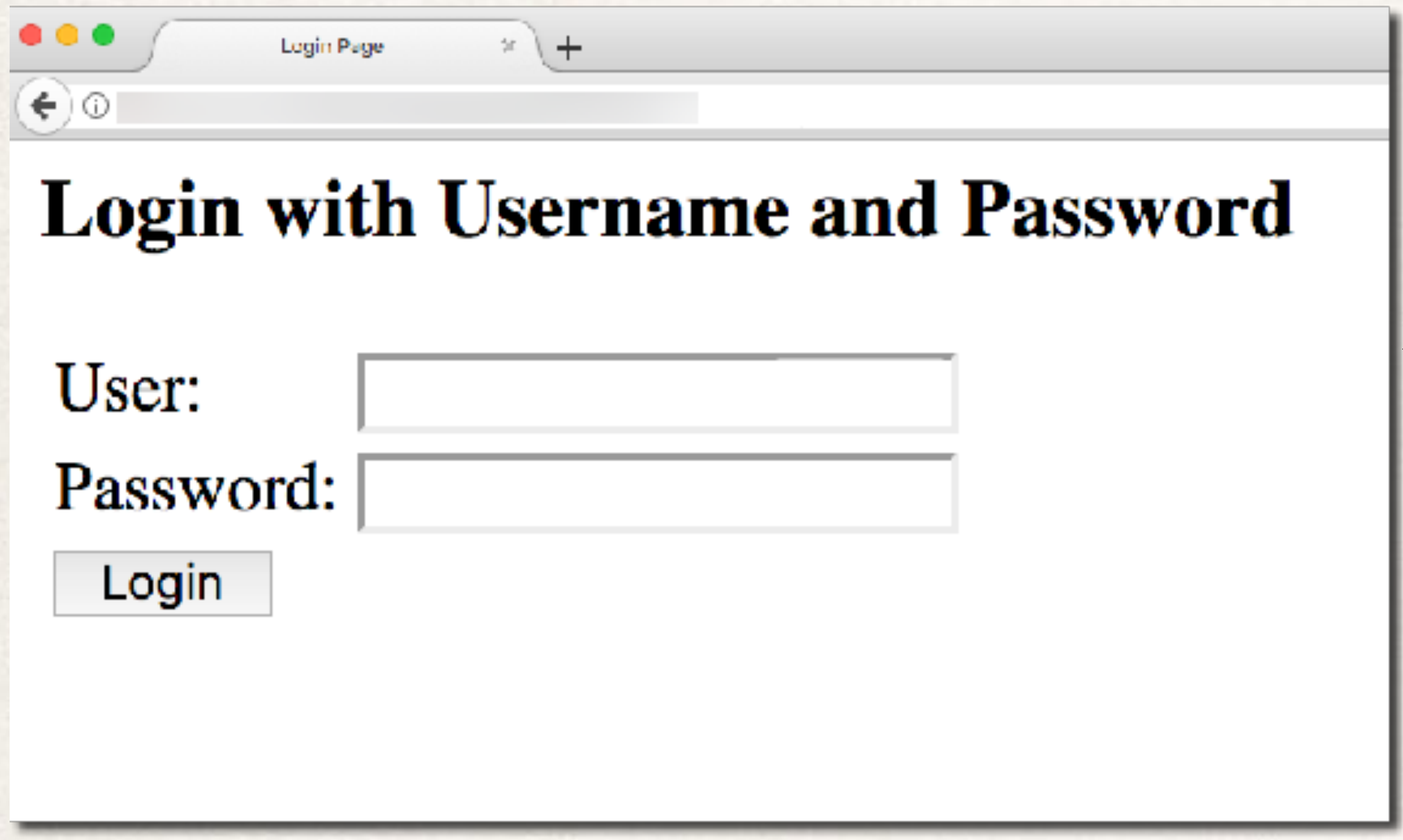

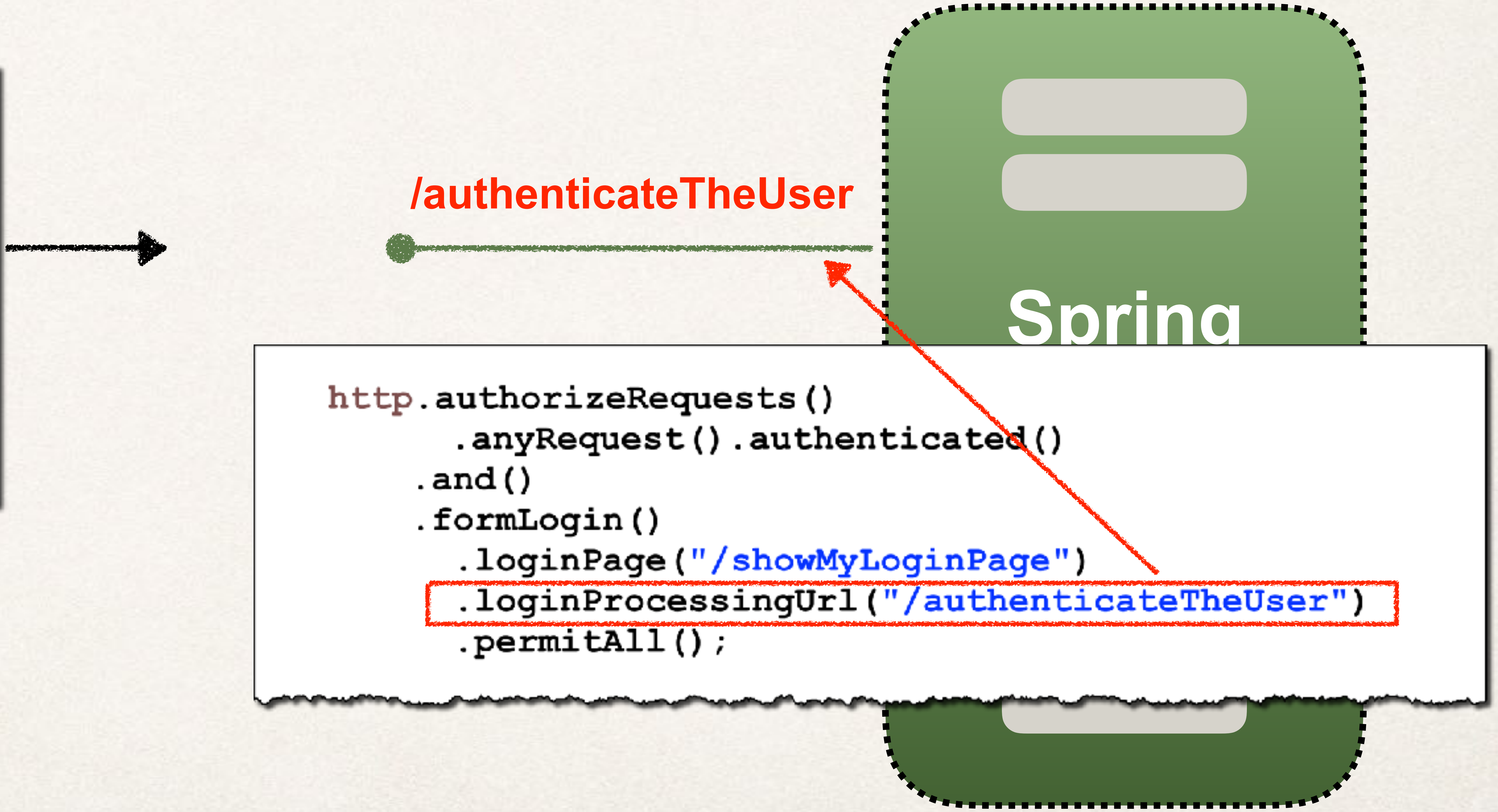

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http.authorizeRequests()
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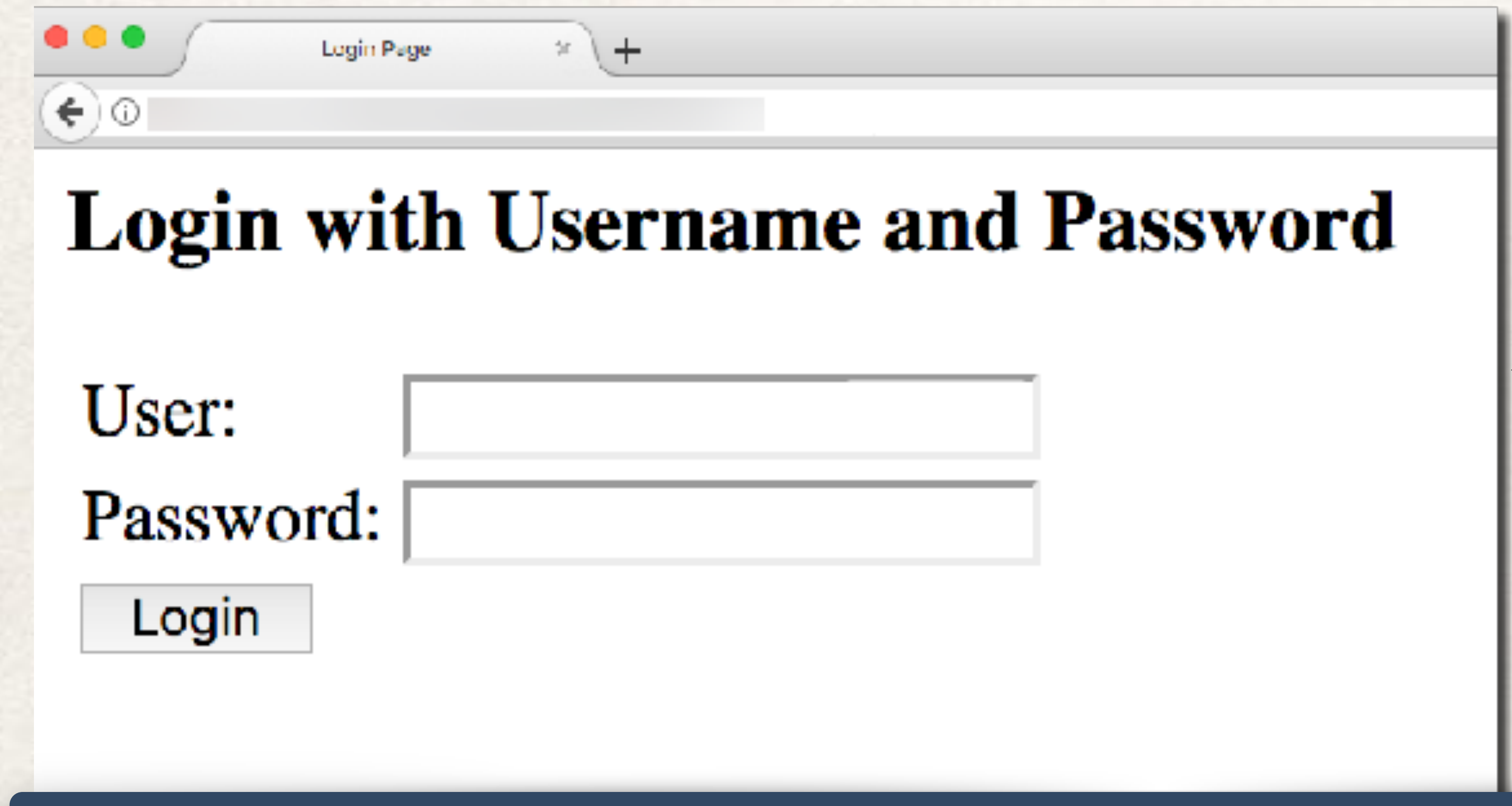

Login Page

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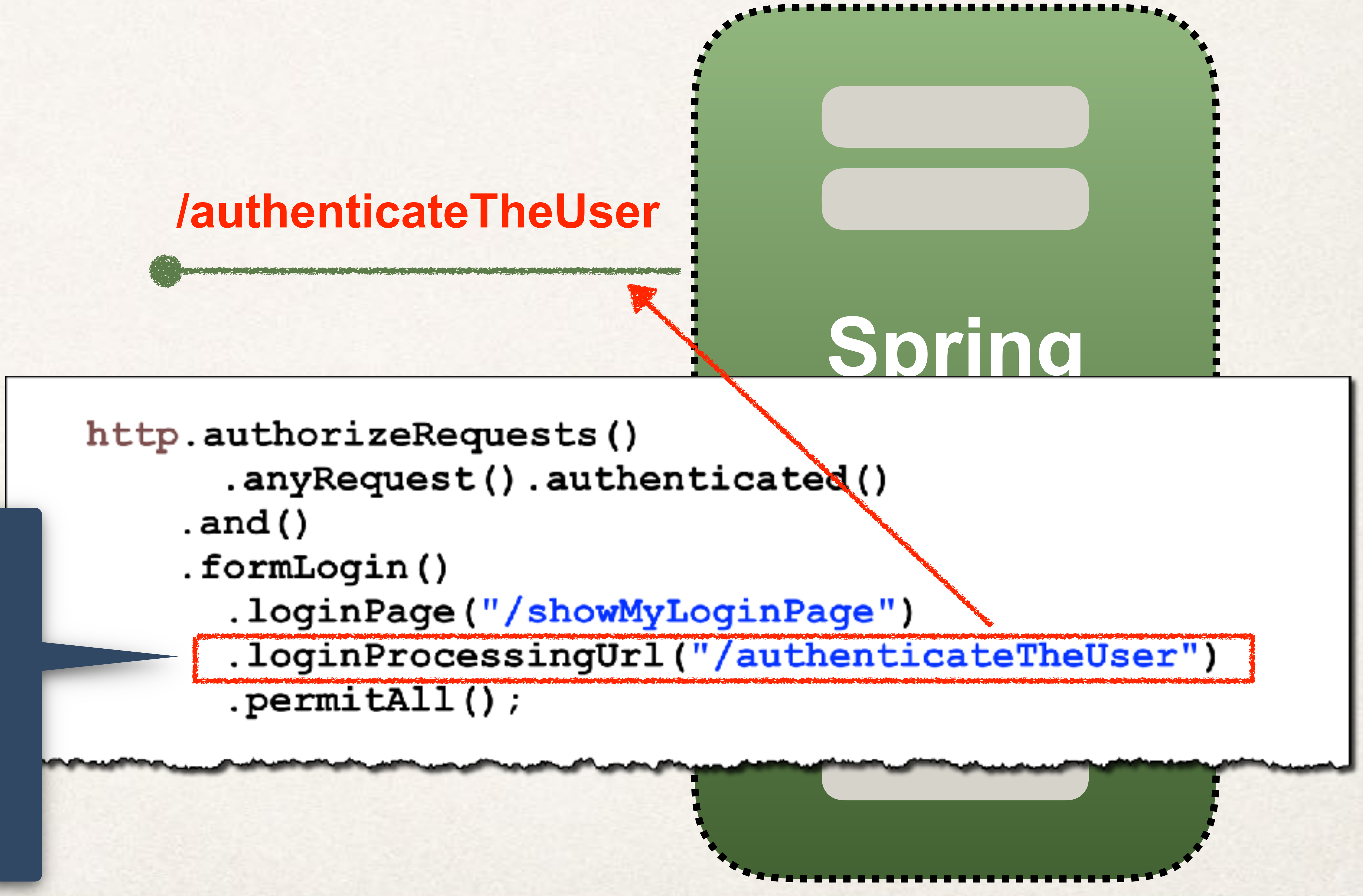

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You can give ANY values for this configuration.

Just stay consistent in your app

Step 3: Create custom login form

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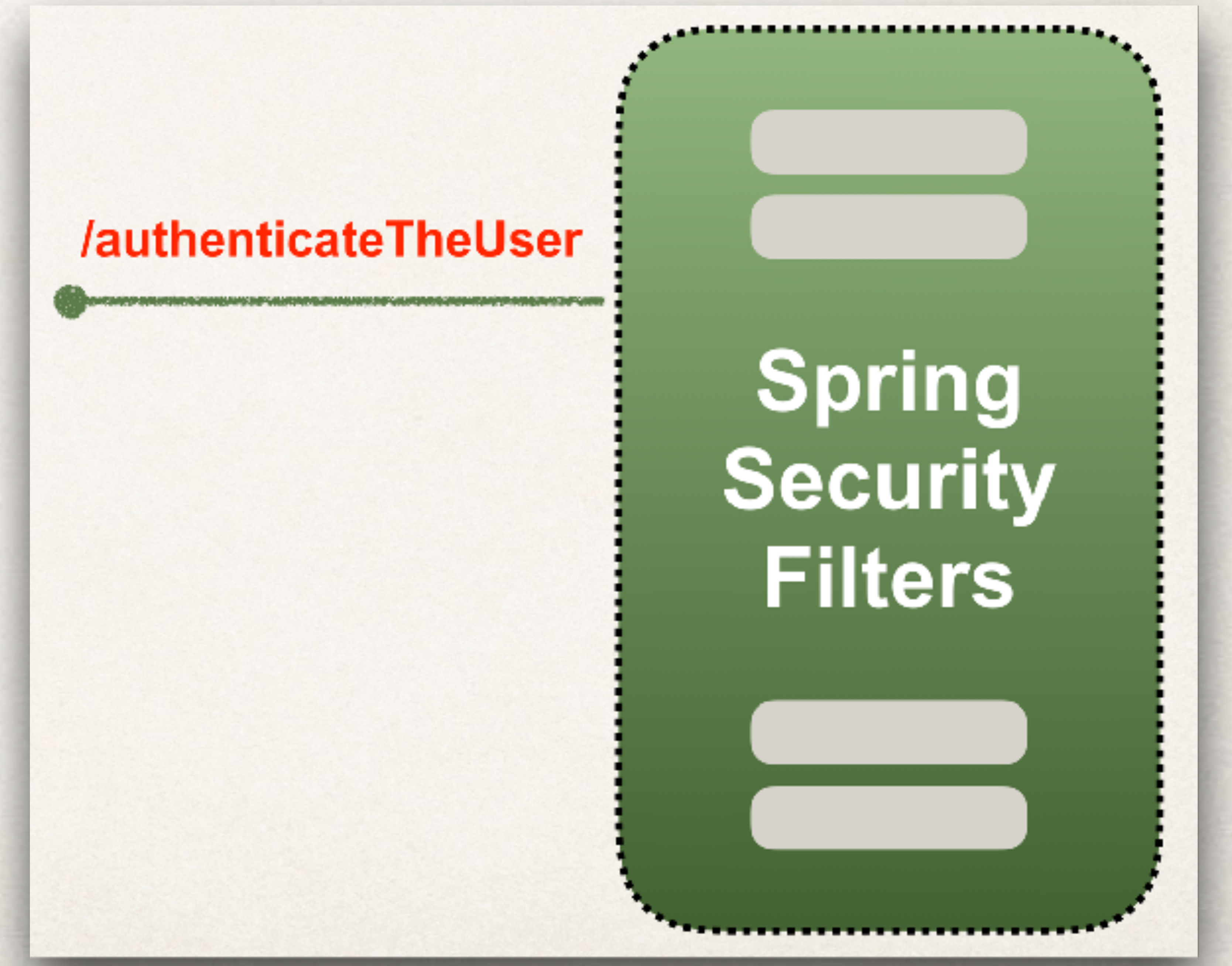
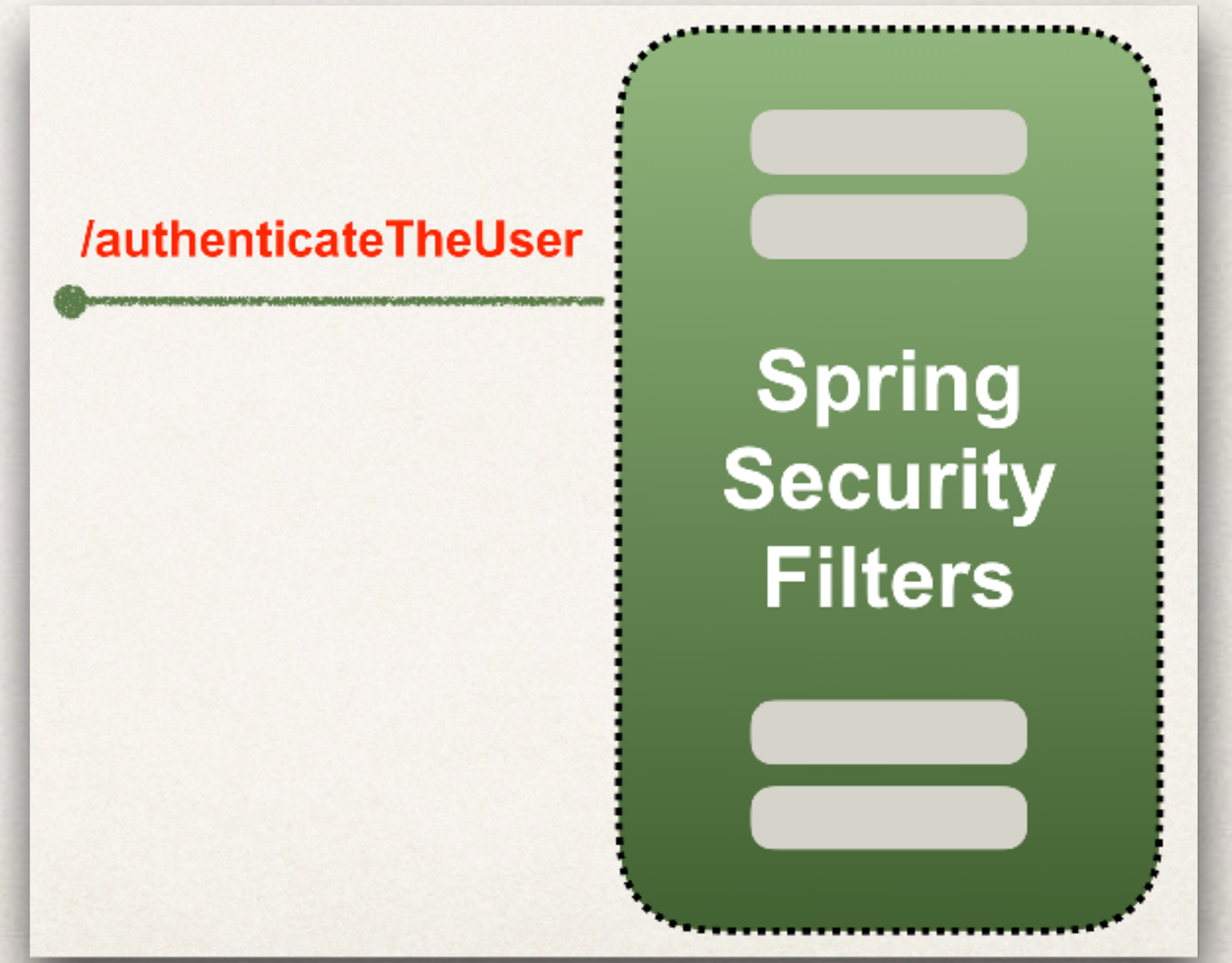


Step 3: Create custom login form

- Send data to login processing URL: **/authenticateTheUser**

- Login processing URL will be handled by Spring Security Filters



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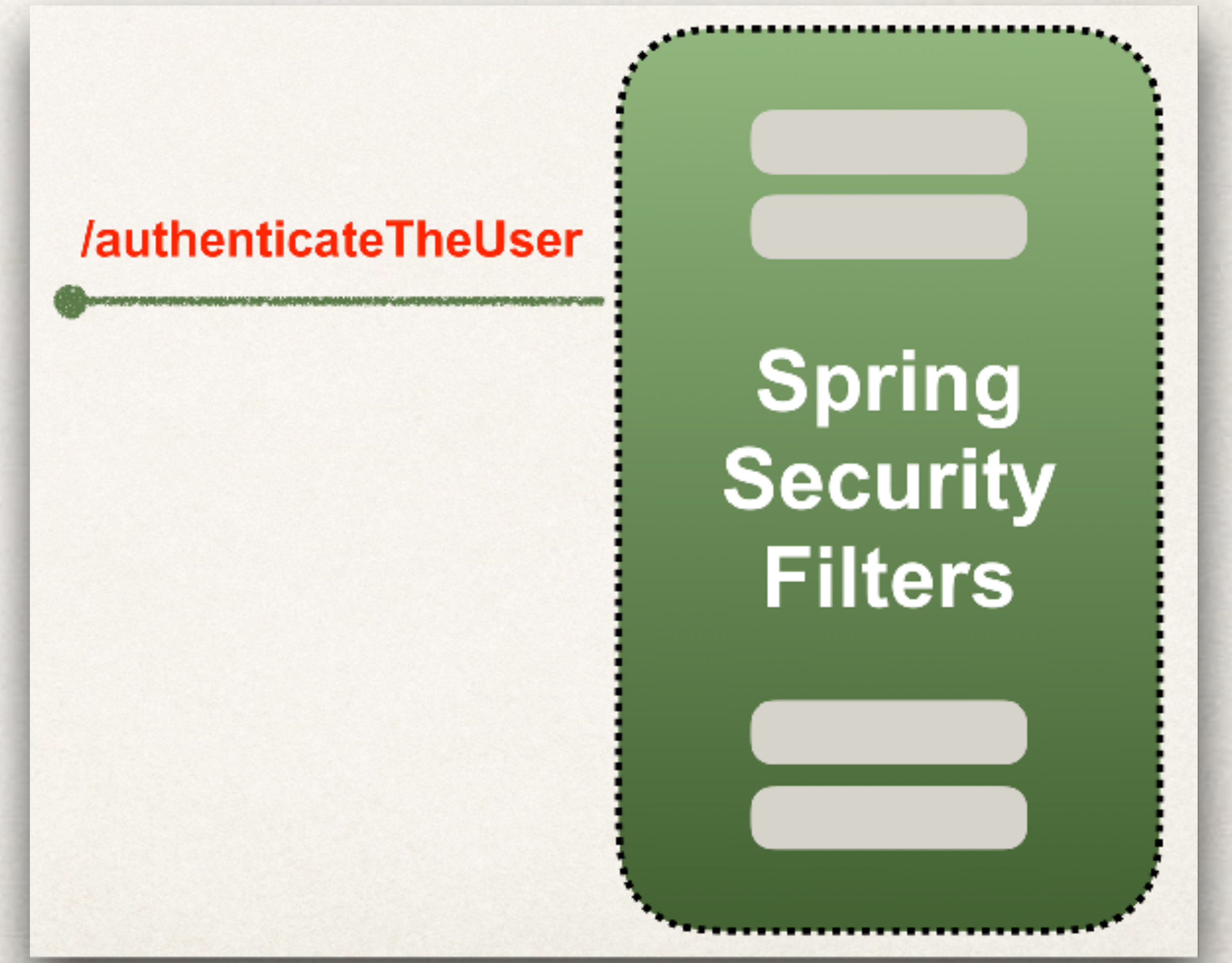

Step 3: Create custom login form

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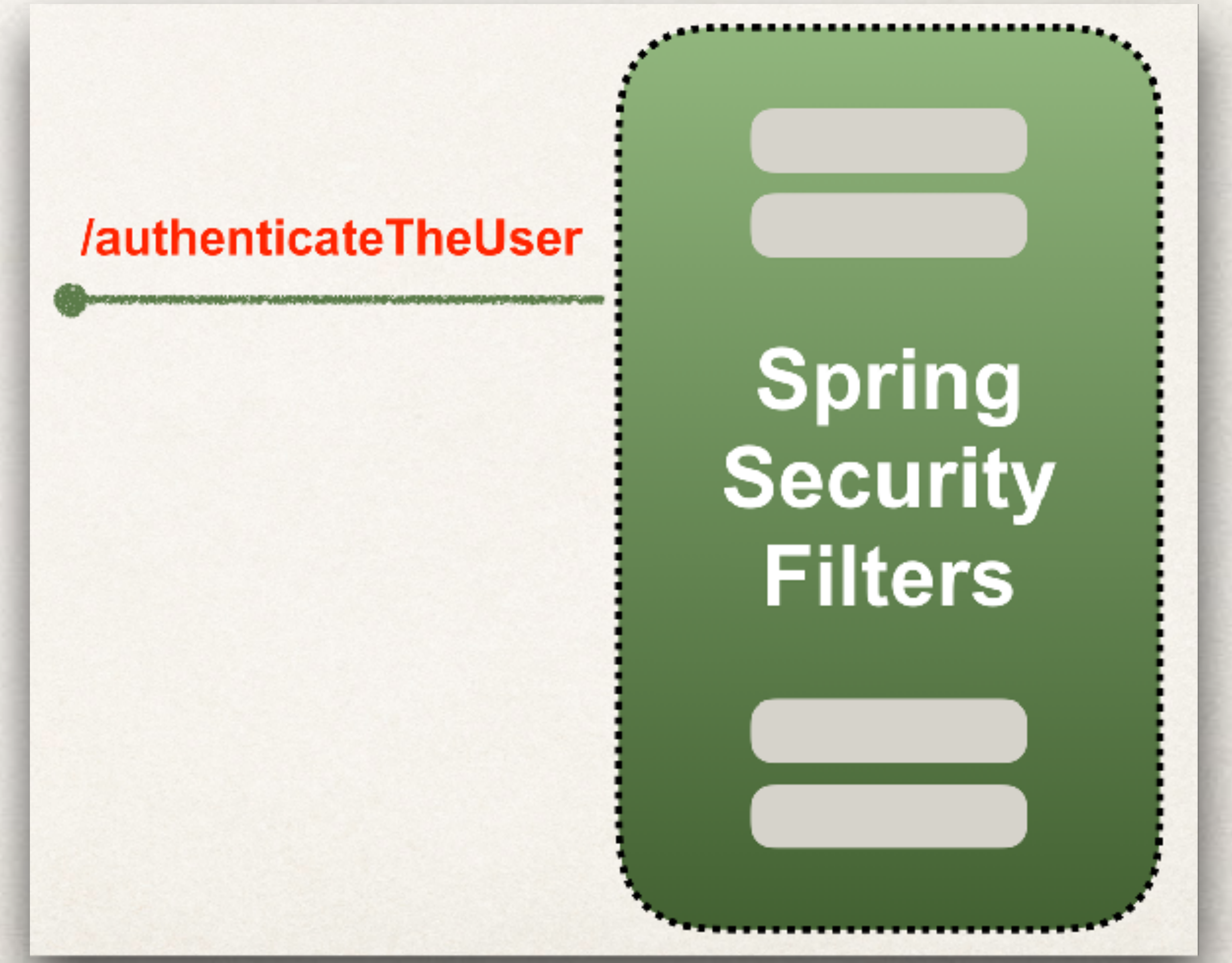
This is
Spring Security magic …
LOL



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```
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```

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- Send data to login processing URL: **/authenticateTheUser**
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Step 3: Create custom login form

Best Practice

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- **Best practice** is to use the Spring MVC Form tag `<form:form>`

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```
<form:form action="…" method="…" >
  …
</form:form>
```

Step 3: Create custom login form

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- Spring Security defines default names for login form fields

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Step 3: Create custom login form

- Spring Security defines default names for login form fields
  - User name field: **`username`**
  - Password field: **`password`**

```
User name: <input type="text" name="username" />

Password: <input type="password" name="password" />
```

Step 3: Create custom login form

- Spring Security defines default names for login form fields
  - User name field: **`username`**
  - Password field: **`password`**

Spring Security Filters will read the form data and authenticate the user

```
User name: <input type="text" name="username" />

Password: <input type="password" name="password" />
```

Step 3: Create custom login form

Pull It All Together

File: WEB-INF/view/plain-login.jsp

```
<%@ taglib prefix="form" uri="http://www.springframework.org/tags/form" %>
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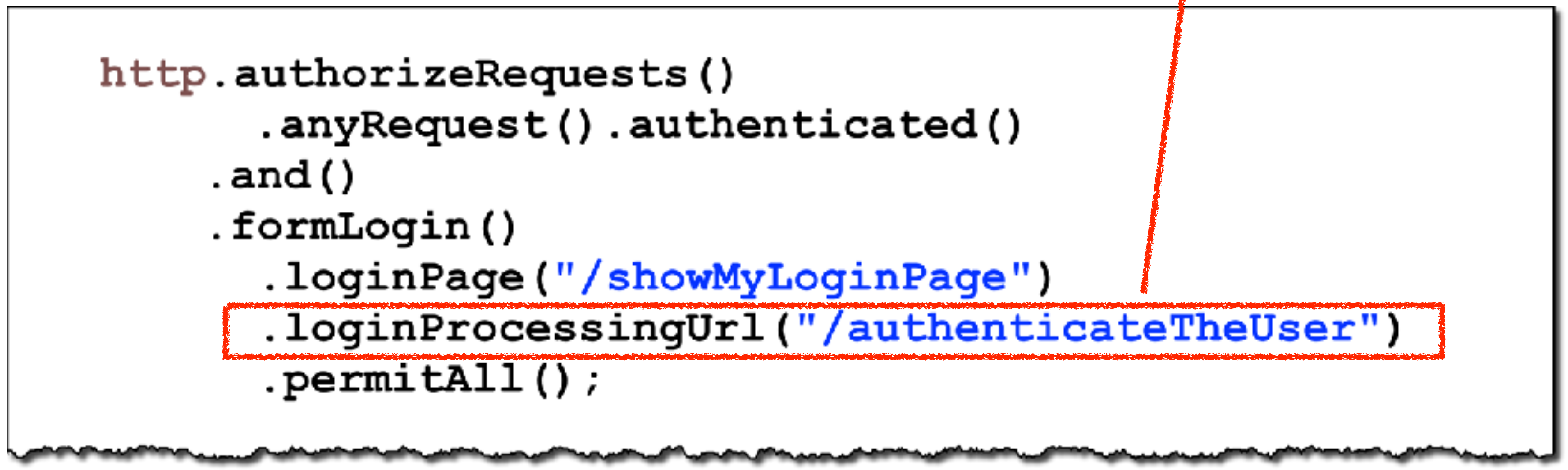

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  </p>

  <p>
    Password: <input type="password" name="password" />
  </p>

  <input type="submit" value="Login" />

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Pull It All Together

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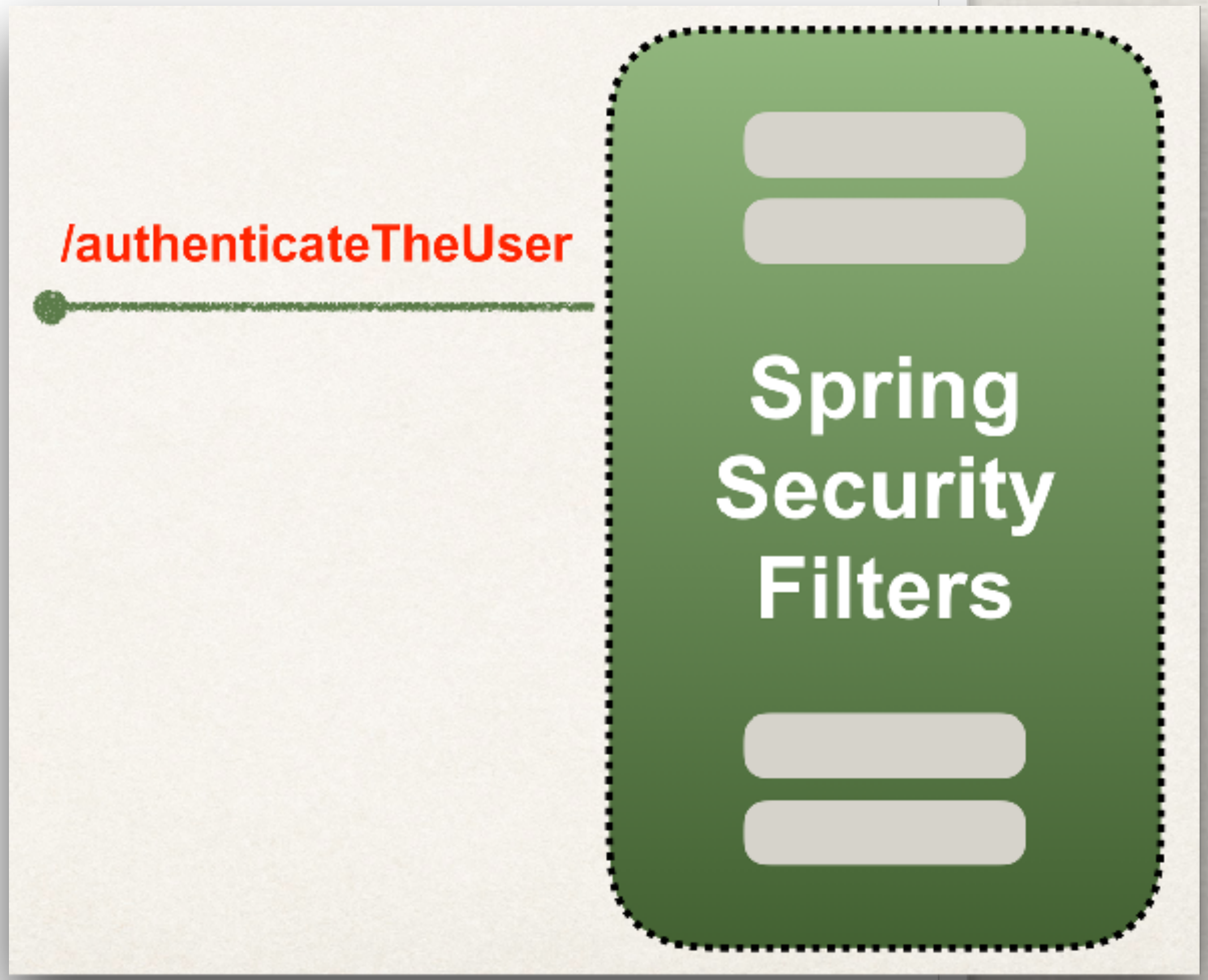
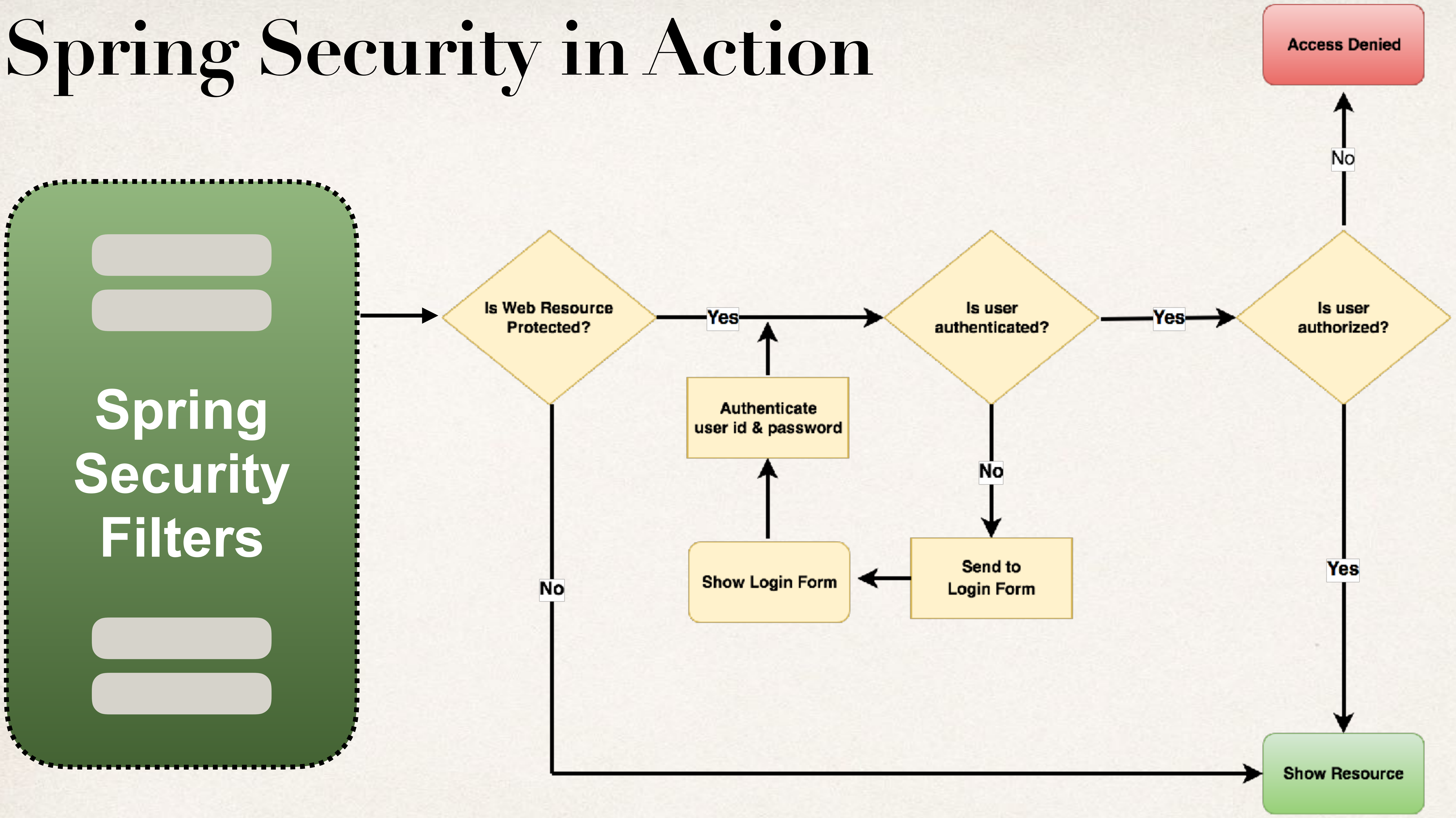


Spring Security in Action

Spring Security in Action



More Info on Context Path

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```
<form:form action="${pageContext.request.contextPath}/authenticateTheUser"
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```

More Info on Context Path

What is this???

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```

More Info on Context Path

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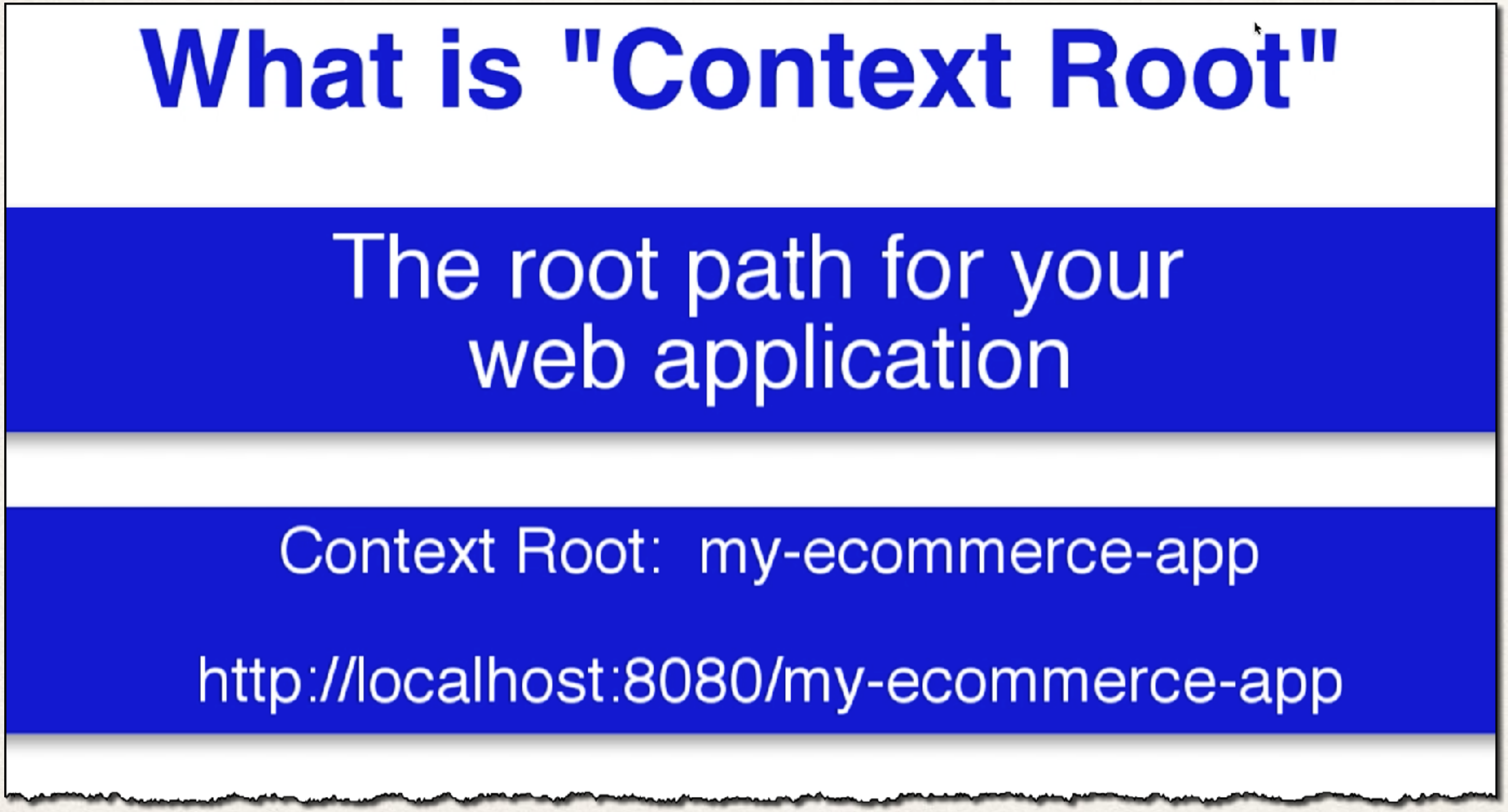
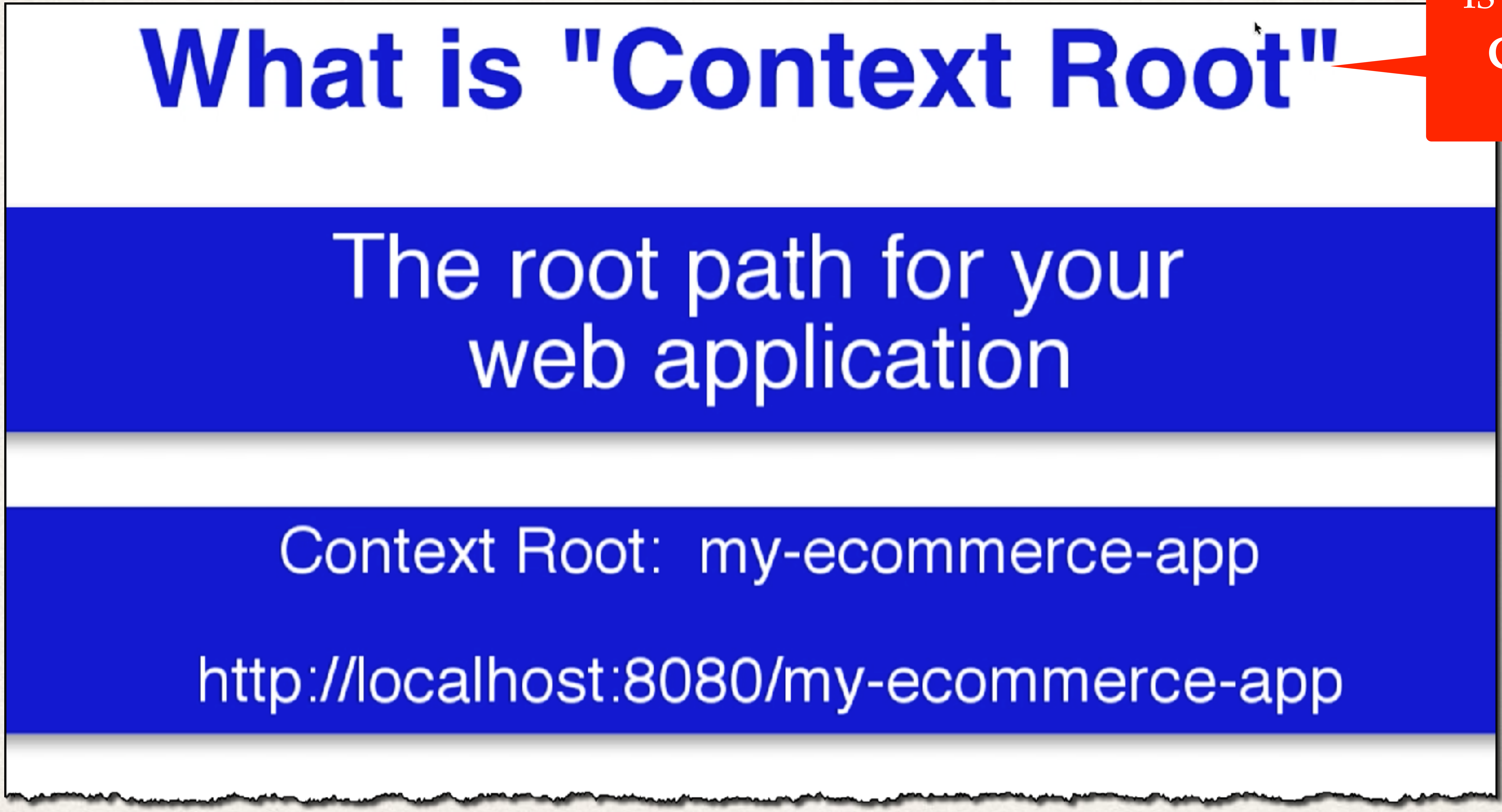

What is "Context Root"

The root path for your web application

Context Root: my-ecommerce-app

http://localhost:8080/my-ecommerce-app

More Info on Context Path


What is "Context Root"

The root path for your web application

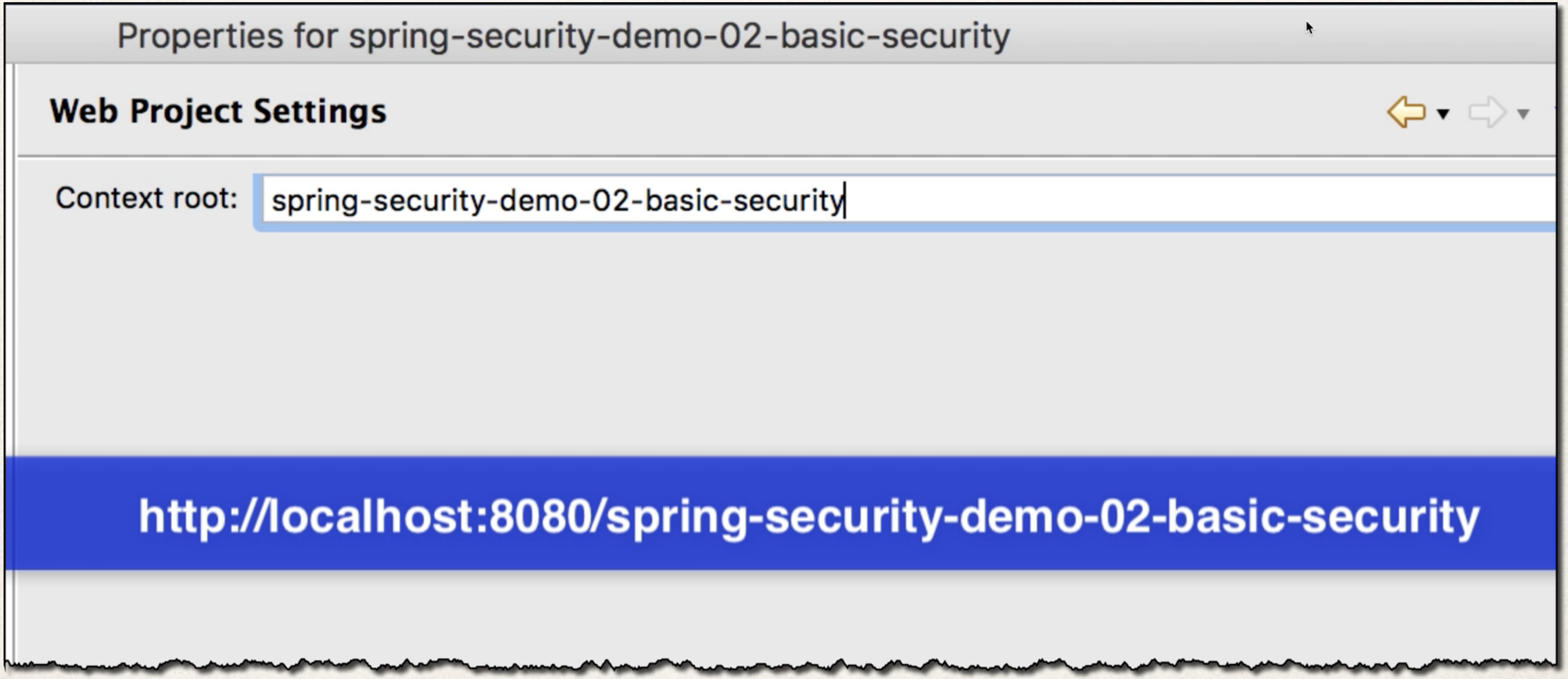
Context Root: my-ecommerce-app

http://localhost:8080/my-ecommerce-app

Context Path is same thing as **Context Root**

More Info on Context Path

More Info on Context Path



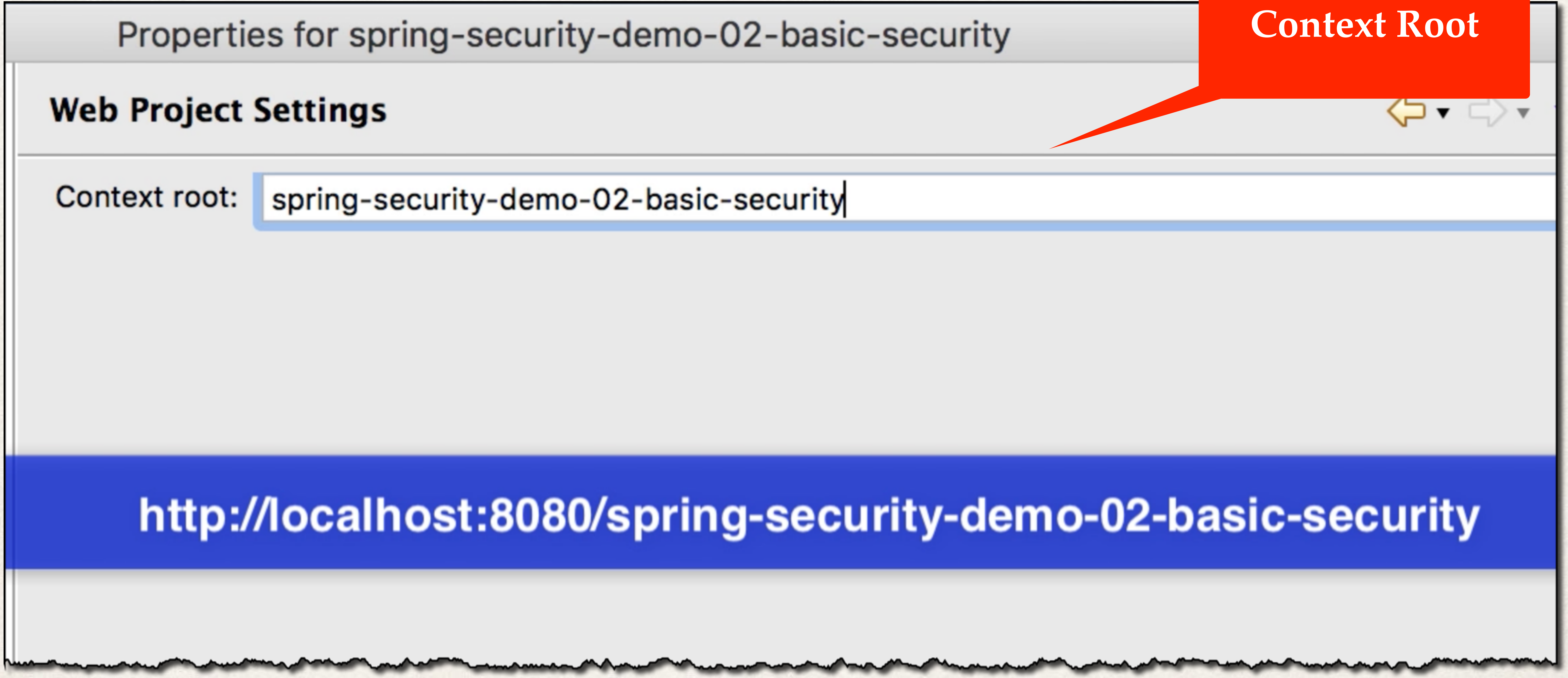
Properties for spring-security-demo-02-basic-security

Web Project Settings

Context root: spring-security-demo-02-basic-security

http://localhost:8080/spring-security-demo-02-basic-security

More Info on Context Path



Properties for spring-security-demo-02-basic-security

Web Project Settings

Context root: spring-security-demo-02-basic-security

http://localhost:8080/spring-security-demo-02-basic-security

Context Path is same thing as **Context Root**

More Info on Context Path

More Info on Context Path

```
<form:form action="${pageContext.request.contextPath}/authenticateTheUser"
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    …
</form:form>
```

More Info on Context Path

Gives us access to context path dynamically

```
<form:form action="${pageContext.request.contextPath}/authenticateTheUser"
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```

Why use Context Path?

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Why use Context Path?

Best Practice

- Allows us to dynamically reference context path of application
- Helps to keep links relative to application context path
- If you change context path of app, then links will still work
- Much better than hard-coding context path …