

Spring Security - Logout



Logging Out

Logging Out

luv2code Company Home Page

Welcome to the luv2code company home page!

Logout

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Clear user's
session

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Logout

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Sign In

You have been logged out.



username



password

Login

Development Process

Step-By-Step

Development Process

Step-By-Step

1. Add logout support to Spring Security Configuration

Development Process

Step-By-Step

1. Add logout support to Spring Security Configuration
2. Add logout button to JSP page

Development Process

Step-By-Step

1. Add logout support to Spring Security Configuration
2. Add logout button to JSP page
3. Update login form to display “logged out” message

Step 1: Add Logout support to Spring Security Configuration

```
@Override
protected void configure(HttpSecurity http) throws Exception {

    http.authorizeRequests()
        .anyRequest().authenticated()
        .and()
        .formLogin()
        .loginPage("/showMyLoginPage")
        .loginProcessingUrl("/authenticateTheUser")
        .permitAll()

}
}
```


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        .loginPage("/showMyLoginPage")
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        .permitAll()
        .and()
        .logout().permitAll();
}
```


Step 1: Add Logout support to Spring Security Configuration

```
@Override
protected void configure(HttpSecurity http) throws Exception {

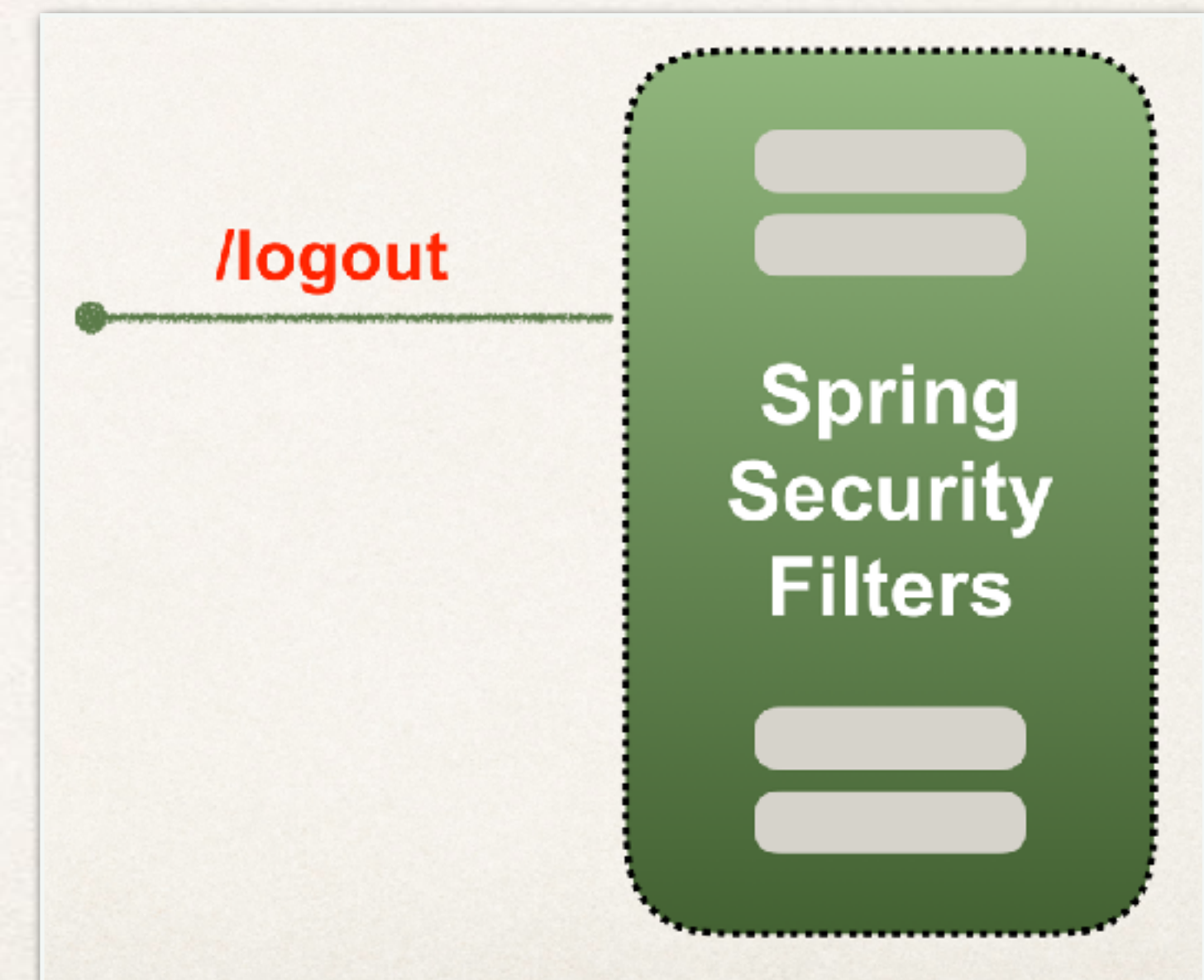
    http.authorizeRequests()
        .anyRequest().authenticated()
        .and()
        .formLogin()
        .loginPage("/showMyLoginPage")
        .loginProcessingUrl("/authenticateTheUser")
        .permitAll()
        .and()
        .logout().permitAll();
}
```

Add logout support
for default URL
/logout

Step 2: Add logout button

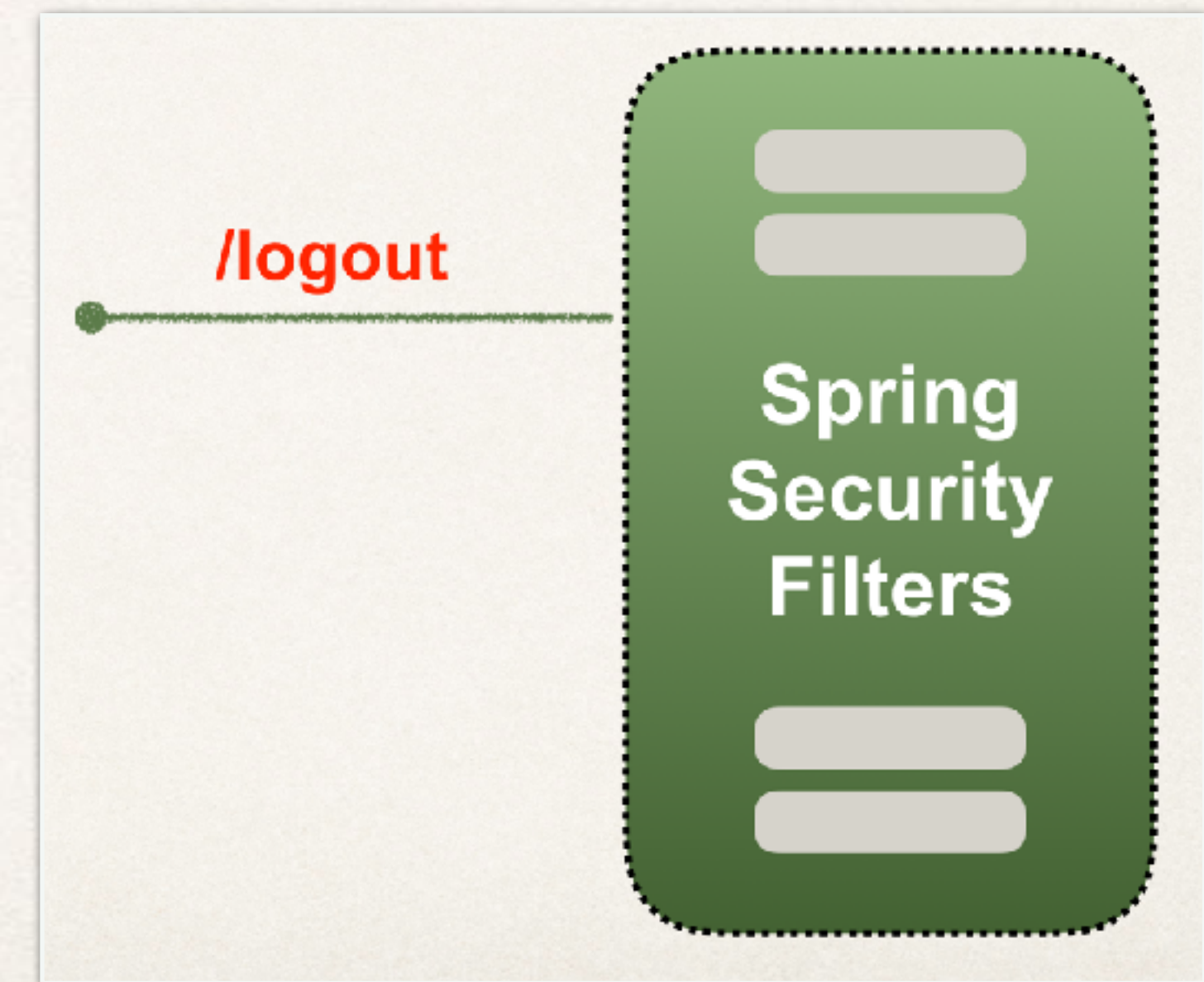
Step 2: Add logout button

- Send data to default logout URL: **/logout**



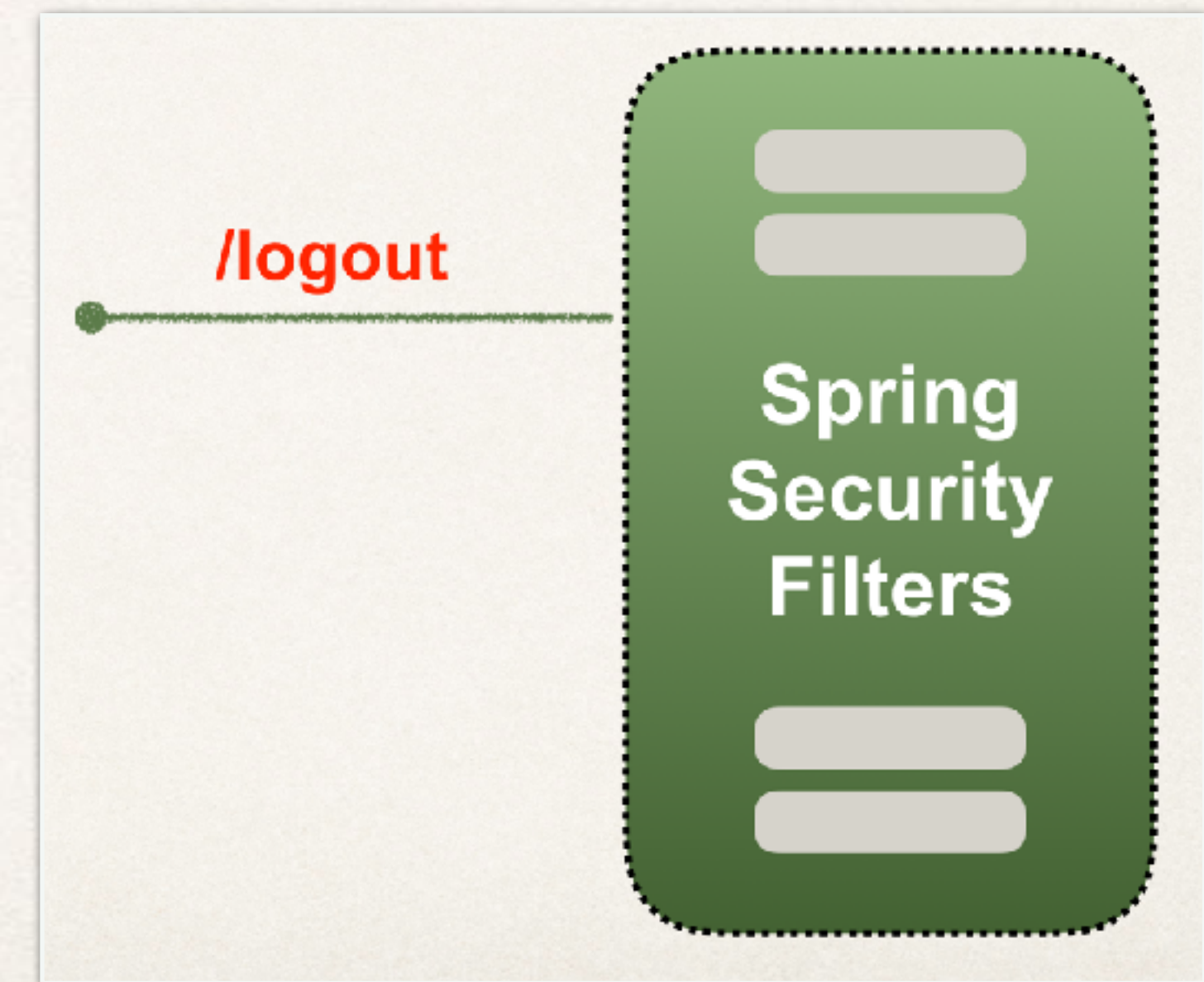
Step 2: Add logout button

- Send data to default logout URL: **/logout**
- Logout URL will be handled by Spring Security Filters



Step 2: Add logout button

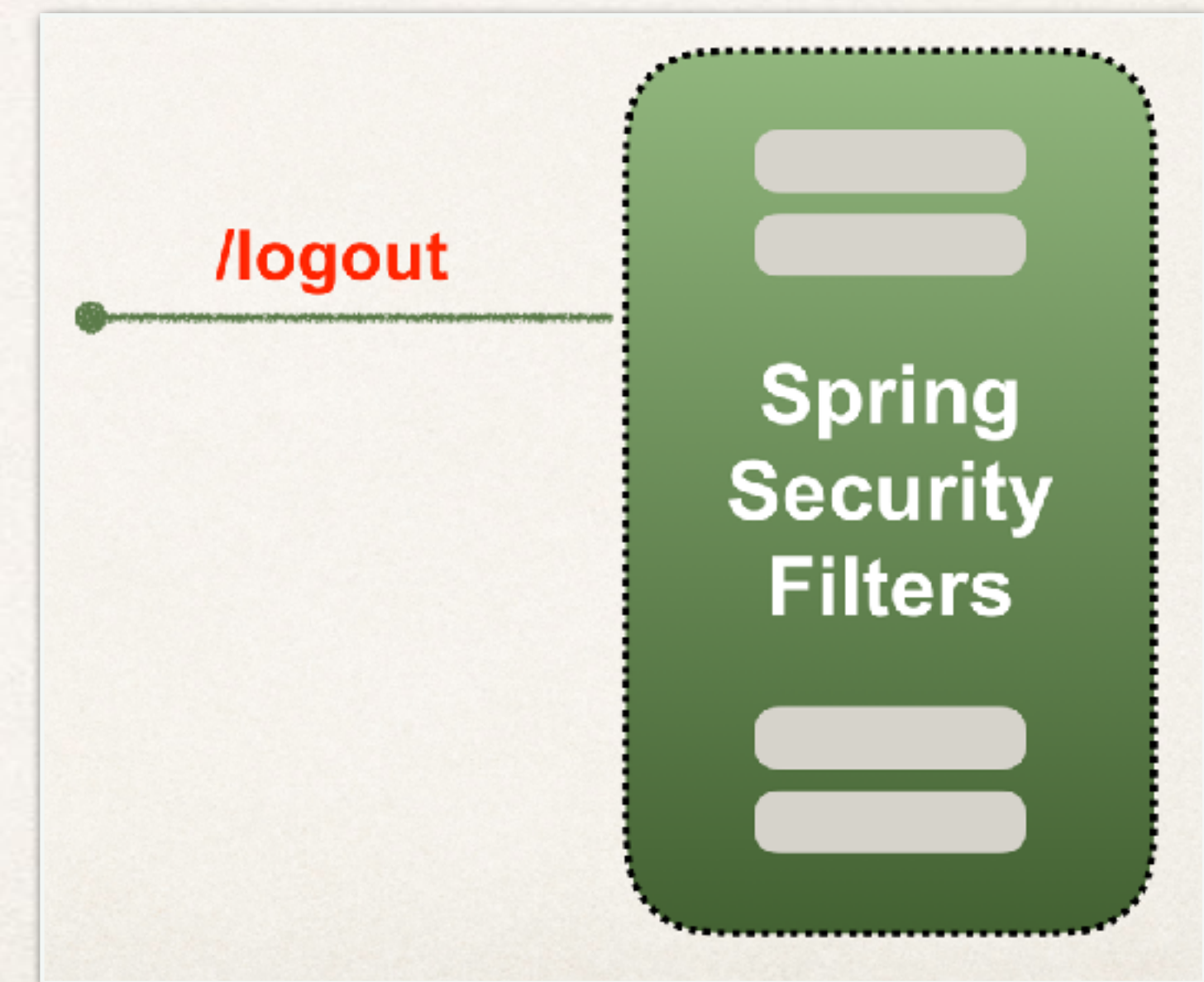
- Send data to default logout URL: **/logout**
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- You get it for free ... no coding required



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This is
Spring Security magic ...
LOL



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- Send data to default logout URL: **/logout**

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- Send data to default logout URL: **/logout**

```
<form:form action="{pageContext.request.contextPath}/logout"  
            method="POST">  
  
    <input type="submit" value="Logout" />  
  
</form:form>
```


Step 2: Add logout button

- Send data to default logout URL: **/logout**
- By default, must use **POST** method

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<form:form action="{pageContext.request.contextPath}/logout"  
            method="POST">  
  
    <input type="submit" value="Logout" />  
  
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Step 2: Add logout button

- Send data to default logout URL: **/logout**
- By default, must use **POST** method

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<form:form action="{pageContext.request.contextPath}/logout"  
            method="POST">  
  
    <input type="submit" value="Logout" />  
  
</form:form>
```

GET method is disabled
by default

Logout process

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Logout process

- When a logout is processed, by default Spring Security will ...
- Invalidate user's HTTP session and remove session cookies, etc
- Send user back to your login page
- Append a logout parameter: **?logout**

Step 3: Update login form to display “logged out” message

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1. Check the **logout** parameter

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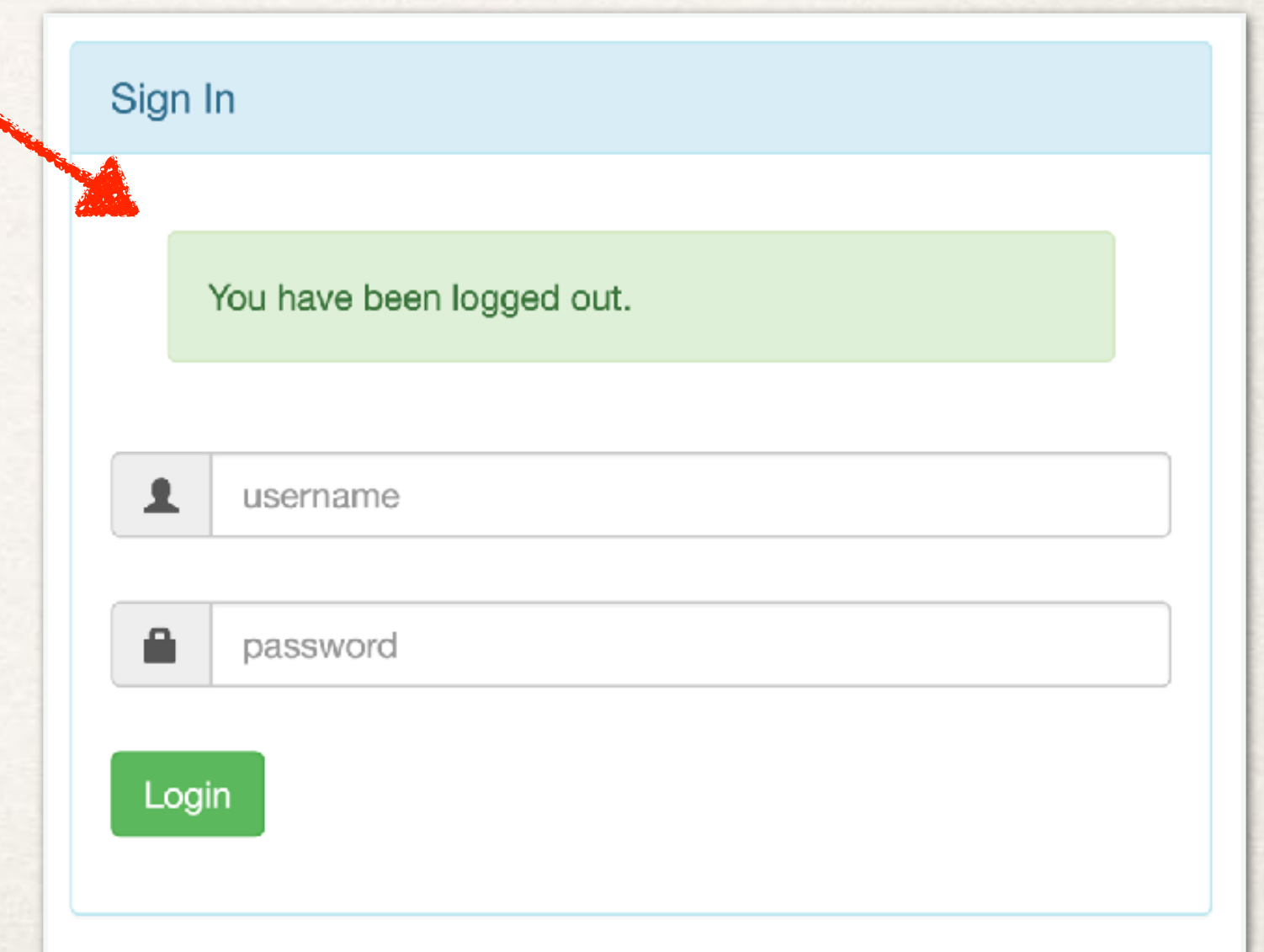
2. If **logout** parameter exists, show “logged out” message

Step 3: Update login form to display “logged out” message

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1. Check the **logout** parameter

2. If **logout** parameter exists, show “logged out” message



The image shows a 'Sign In' form with a light blue header. Below the header, a green message box displays 'You have been logged out.' Below this, there are two input fields: one for 'username' with a user icon and one for 'password' with a lock icon. At the bottom is a green 'Login' button. A red arrow points from the text 'show “logged out” message' to the green message box.

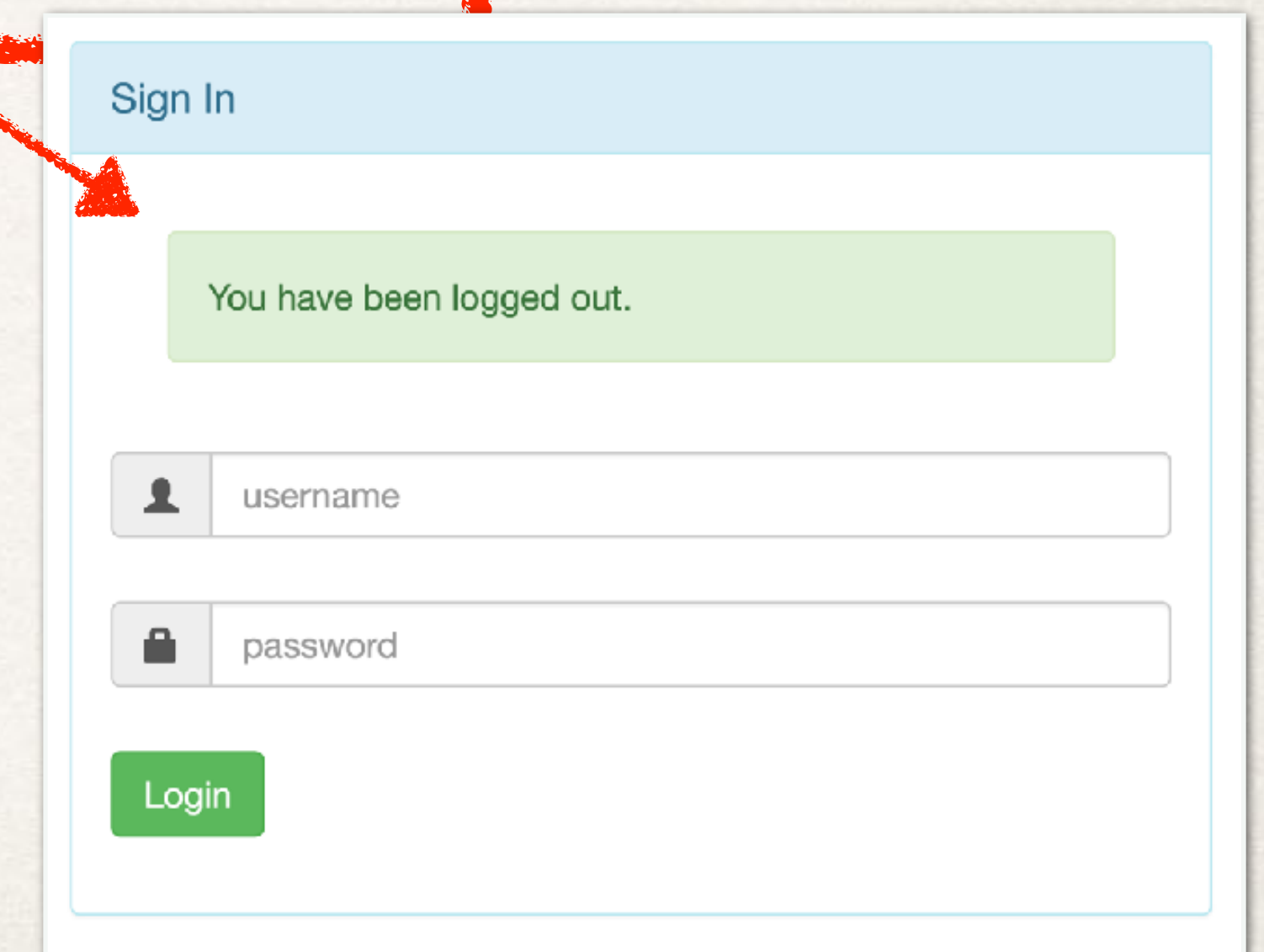
Step 3: Update login form to display “logged out” message

1. Update login form

1. Check the **logout** parameter

2. If **logout** parameter exists, show “logged out” message

JSTL can help
with this :-)



Modify Login form - check for "logout"

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

```
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
```

...

Modify Login form - check for "logout"

Use JSTL

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<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
...
<form:form action=".." method="..">

...

</form:form>
...
```


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Use JSTL

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

```
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
...
<form:form action=".." method="..">

    <c:if test="\${param.logout != null}">

        <i>You have been logged out.</i>

    </c:if>

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

</form:form>
...
```


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

</form:form>
...
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If logout param
then show
message

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```
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```

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<form:form action=".." method="..">
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```
<c:if test="${param.logout != null}">
```

```
<i>You have been logged out.</i>
```

```
</c:if>
```

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

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

If logout param
then show
message

<http://localhost:8080/myapp/showMyLoginPage?logout>

```
...
```


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<i>You have been logged out.</i>
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```
</c:if>
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User name: <input type="text" name="username" />
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```
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