Customizing to Your Needs

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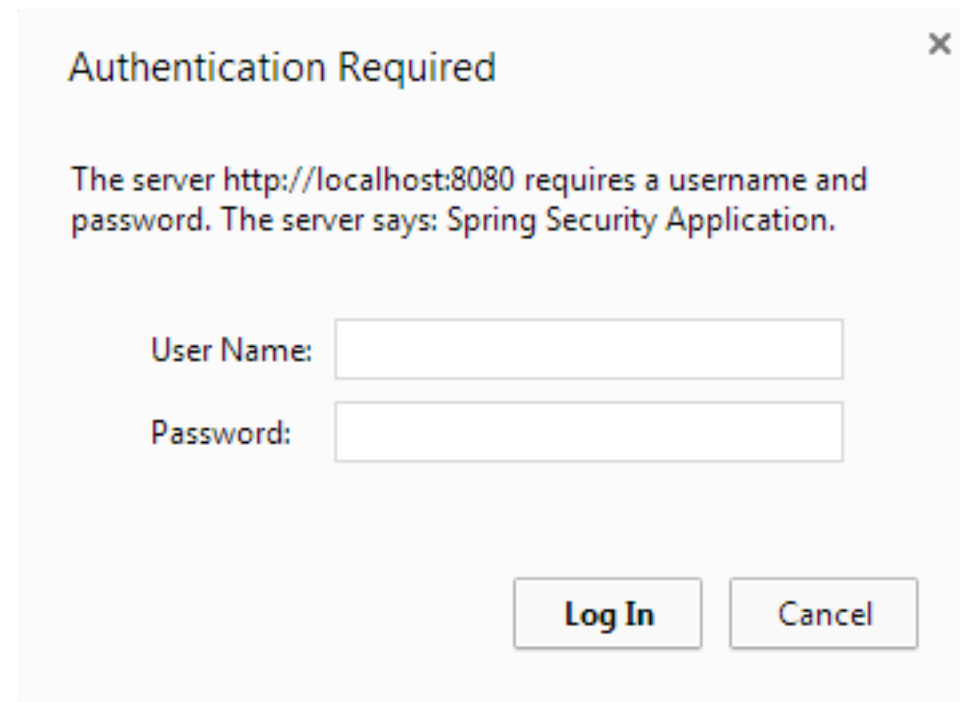http://www.linkedin.com/in/hansenbryan

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Customization

Basic Authentication

- Often used for RESTFul web service authentication

- Default login page for Basic auth

- Useful for small apps or service based apps

Login Form

- A lot more complex, but needs to be

- Adaptable for any situation

- Multiple steps for a Custom Login Page:

    - form-login element

    - intercept-url element

    - LoginController

    - login.jsp

\<http> config

- Need to add two pieces to the security-config.xml

- An intercept-url element

  - \<intercept-url pattern="/login.html" access="IS_AUTHENTICATED_ANONYMOUSLY"/>

  - Allows access to the login page

- A form-login element

  - \<form-login login-page="/login.html"/>

  - Defines what urls are for the login

Login Controller

- Directs to our login.jsp

- Allows us to return more data to our index page

- A little bit of overkill and could possibly be avoided

- Depends on your configuration

login.jsp

- Standard jsp page with a few key points:

    - j_spring_security_check

    - j_username

    - j_password

- Hosted through Spring MVC LoginController

Login Error

- Add error param to our response

- form-element authentication-failure-url

- intercept-url for loginFailed

- loginFailed in LoginController

Logout

- Most of the groundwork laid by Login

- Similar steps:

  - logout element

  - <intercept-url pattern="/logout.html" access="IS_AUTHENTICATED_ANONYMOUSLY" />

  - LoginController

  - logout.jsp

Unauthorized / 403

- Typically a 403 page

- access-denied-handler

- 403.jsp

- error403 in LoginController

- MySql user to test unauthorized user

HTTP Status 403 - Access to the requested resource has been denied

type Status report

message Access to the requested resource has been denied

description Access to the specified resource (Access to the requested resource has been denied) has been forbidden.

Apache Tomcat/7.0.21

Summary

- Basic Authentication

- Form Login

  - Anonymous Users

  - Login Controller

  - login.jsp

- Logout

- 403