

# 1. Module 4 Overview

The goal of the fourth module is to teach you how to work with the API from the client side.

It is very important to note that these are the very basics of interacting with the REST API from a JavaScript front-end. This is not an JavaScript or AngularJS module - so we're focusing strictly on the aspects that have to do with consuming the API.

## 2. Goal

Learn how to set up a very simple AngularJS front-end project and how to consume the API.

Note that we're not building a reference AngularJS solution here, just a POC to allow us to focus on the server-side aspects of the API.

## 3. Lesson Notes

### The front-end artifacts

- the main front-end HTML file - *index.html*

- a simple template file - *home.html*

- the main JS file: *hello.js*

# The hello.js - Notes

- we're defining a simple “hello” Angular module, with a dependency on *ngRoute*
- then, we're defining the *home* controller - which will fire off the initial HTTP request
- we're storing the data in *\$scope* - which refers to the application model, and is accessible to controllers
- to render/display the data, we're using Angular handlebars and accessing the new role object out of the *\$scope*

## 4. Resources

- WebJars - Documentation
- Utilizing WebJars in Spring Boot
- The Module 4 Branch of the project on Github