Course Introduction

The Starter Class

The Starter Class contains the first 3 modules:

- The Basics of REST With Spring (6 lessons)

- REST and HTTP Semantics (6 lessons)

- Simple Security for REST (4 lessons)

Each Module is organized in several video Lessons - containing lesson notes and other resources.
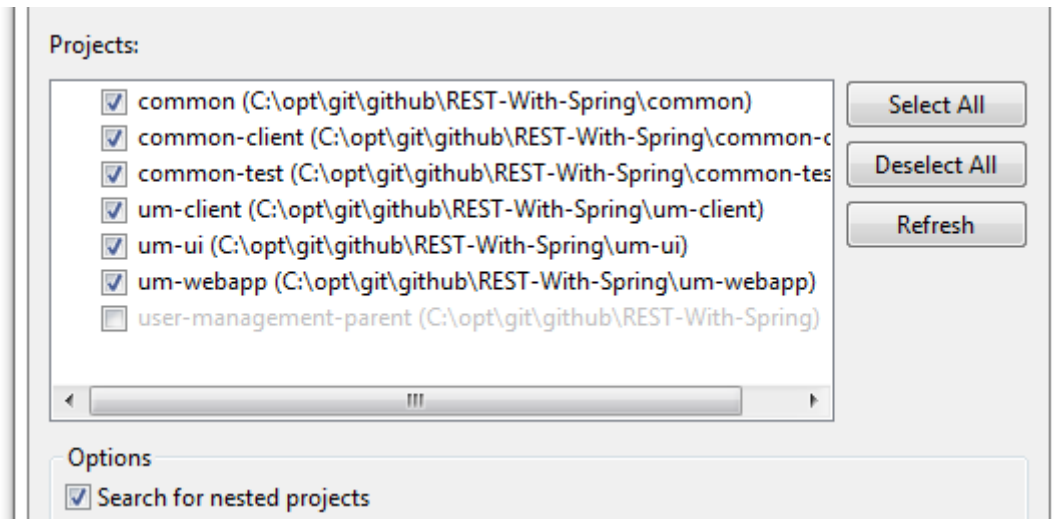
The Lessons are meant to be experienced as video, and **the lesson notes should be used as a reference not as comprehensive documentation**.

Project Code and IDE

Each module is built on the project code hosted over on Github.

The project uses Maven, so you can work with any IDE you're familiar with.

A quick (optional) recommendation is using Eclipse STS. Also note that the project is multi-module - so, if you are using Eclipse - make sure you import the modules into the IDE, not just the parent:

Getting the Project from Github

A quick note here - if you've worked with git before, you can safely skip this section entirely.

The REST With Spring project is hosted over on Github. To clone it, simply run the following command:

```
git clone https://github.com/eugenp/REST-With-Spring.git
```

And to switch the the branch corresponding to the module you're on - for example, Module 2:

```
cd REST-With-Spring
git checkout module2
```

Building the Project

To simply build the entire project - just run the standard Maven build:

```
mvn clean install
```

Notice that we're not skipping tests - at least not on the first run. This is important because a full run with tests will prepare the testing jars and install them in your local maven repository. After that point, you can run the build with tests skipped if you need to:

```
mvn clean install -Dmaven.test.skip=true
```

Running the Project

The project code is generally ready to go.

The only aspect that needs **to be configured is the persistence** - more concretely - the persistence credentials. The details of that the persistence configuration are described in Module 3 of this Starter Class.

The project structure and the details of each of the sub-modules are also described in the Module 3 lesson notes.

Bonus Lessons

After quite a bit of feedback from students going through the material, I've planned out a few bonus modules based on the most common questions.

Most of these have already gone live, a few will go out over the next couple of months, and of course I'm continuously adding new lessons as we go.

Prerequisites

Finally, a quick note - the material is going to guide you through building up a REST API from scratch, but is definitely not an intro to Spring or an intro to Java development. You do need to have some basic Java and Spring experience first.

Resources

The project code over on Github:

- The Module 1 branch

- The Module 2 branch

- The Module 3 branch