Building a RESTful Web Service

This guide walks you through the process of creating a "hello world" RESTful web service (/understanding/REST) with Spring.

What you'll build

You'll build a service that will accept HTTP GET requests at:

```
http://localhost:8080/greeting
```

and respond with a JSON (/understanding/JSON) representation of a greeting:

```
{"id":1,"content":"Hello, World!"}
```

You can customize the greeting with an optional `name` parameter in the query string:

```
http://localhost:8080/greeting?name=User
```

The `name` parameter value overrides the default value of "World" and is reflected in the response:

```
{"id":1,"content":"Hello, User!"}
```

What you'll need

- About 15 minutes
- A favorite text editor or IDE
- JDK 1.8 (http://www.oracle.com/technetwork/java/javase/downloads/index.html) or later
- Gradle 2.3+ (http://www.gradle.org/downloads) or Maven 3.0+ (http://maven.apache.org/download.cgi)
- You can also import the code from this guide as well as view the web page directly into Spring Tool Suite (STS) (/guides/gs/sts) and work your way through it from there.

How to complete this guide