

# Exercise (Instructions): Getting Started with Loopback I

## Coursera

### Objectives and Outcomes

In this exercise, you will first install Loopback. Then you will scaffold out a new server-side application using Loopback. You will set up a model and explore the REST API automatically scaffolded out by Loopback. At the end of this exercise, you will be able to:

- Use Loopback to quickly scaffold out a server-side application
- Use Loopback to define a model and automatically let it construct the corresponding REST API

### Installing Loopback

- At the command prompt, type the following to install Loopback command-line tools globally:

```
npm install strongloop -g
```

Make sure to use `sudo` if you are installing on OS X or Linux machines.

### Scaffolding Out a Loopback Application

- At a convenient location on your computer, type the following at the prompt to scaffold out a Loopback application:

```
slc loopback
```

- For the application name, type *loopback-server*, and accept the suggested Loopback directory. Then for the application type select *api-server*. This will create a folder named *loopback-server*. Move to this folder in your terminal window.
- To create a Loopback model for dishes, type the following at the prompt:

```
slc loopback:model
```

- For the model name type *dishes*. For the data source select *db*. For the model's base class select *PersistedModel*.
- Say Yes to REST API, and select the *common* model.
- Loopback will prompt for the properties of the model. Create the following properties, all of String type: name, description, category, image, label and price. All are required except label. For label, select the

default value as `'`, and for price the default value as `0`.

- Start the server by typing at the prompt:

```
node .
```

- Explore the REST API supported by the server.

## Conclusions

In this exercise you installed Loopback and scaffolded out a server application and examined the REST API.