MIRACLE
SOFTWARE SYSTEMS

REST Connector in Strongloop

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REST Connector

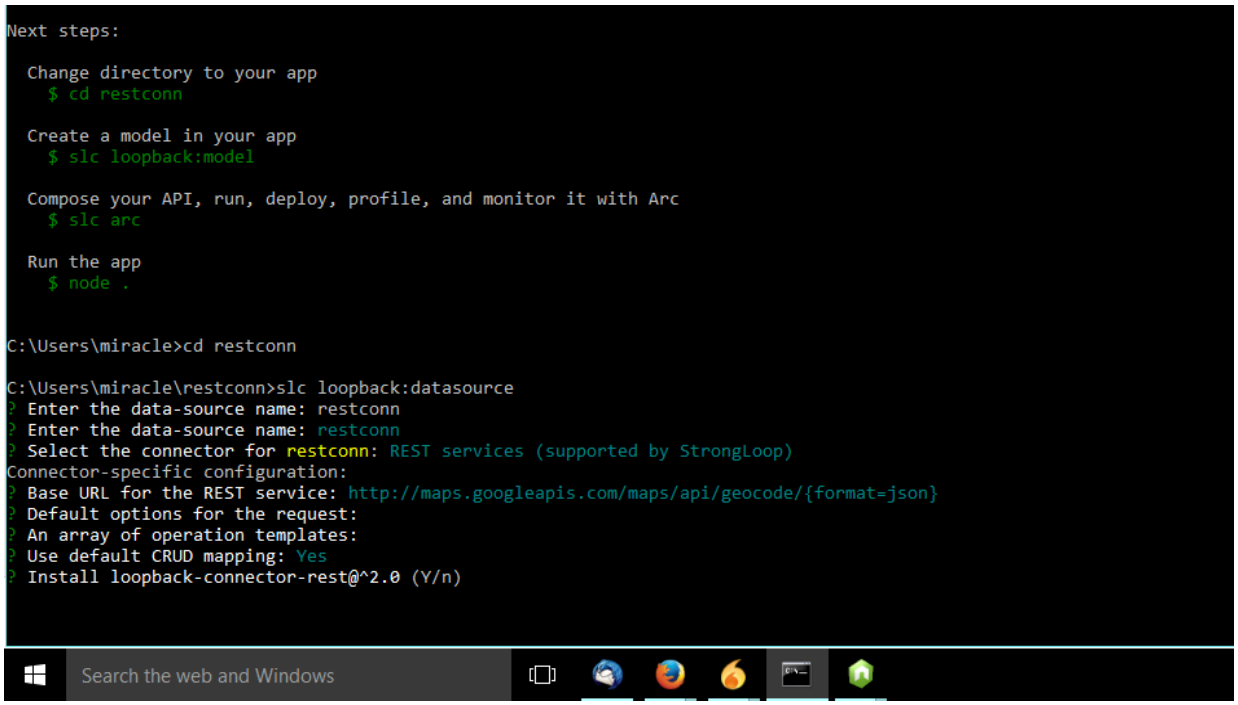
Procedure

RESULT

REST Connector: One of the Connectors provided by Strongloop. It is meant to connect a Model and a REST API.

Procedure:

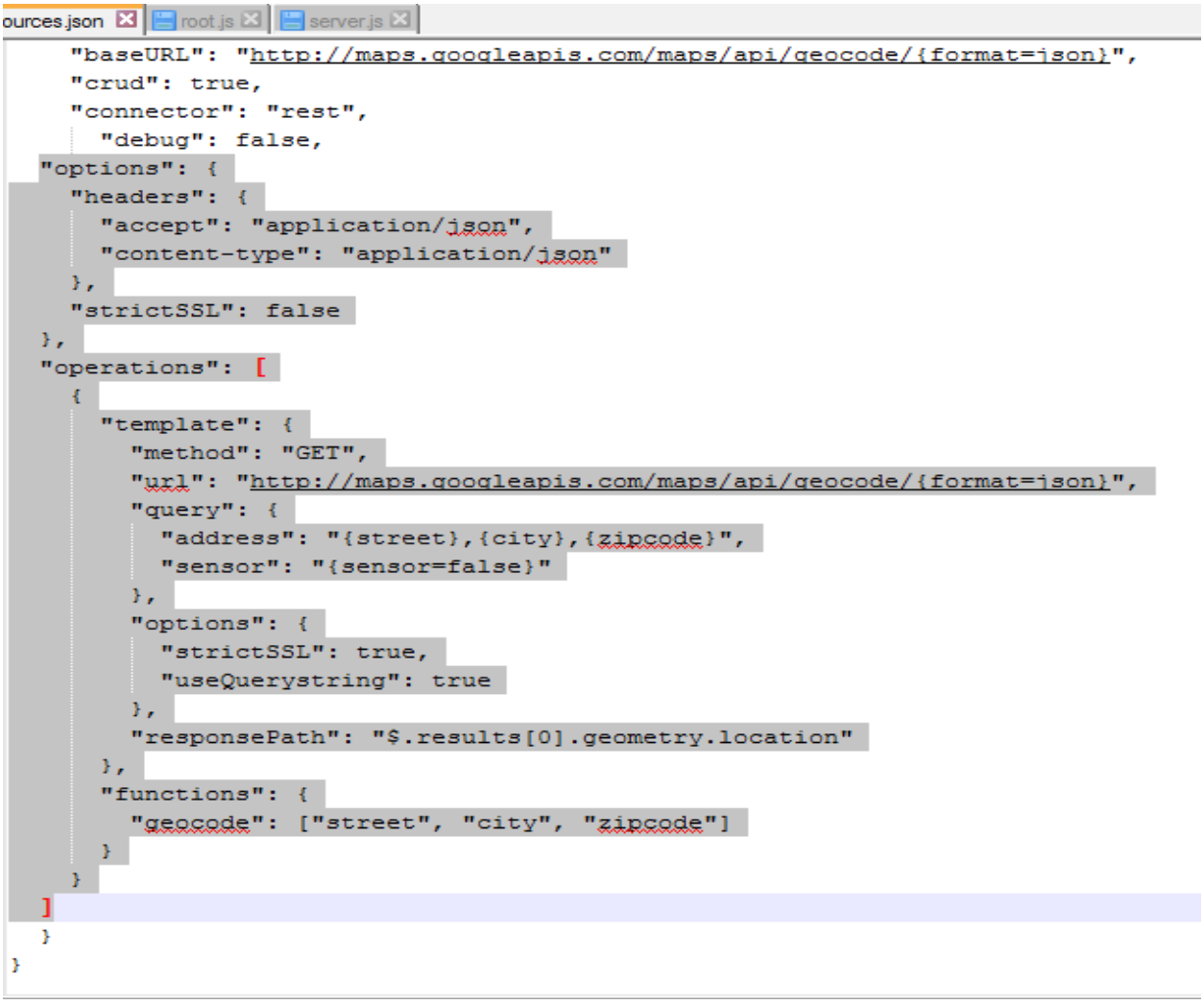
- Create a loopback application using **slc loopback**
- You can access your REST Connector using the command **slc loopback:datasource**
- Among the available Datasource Connectors, select the REST Services.



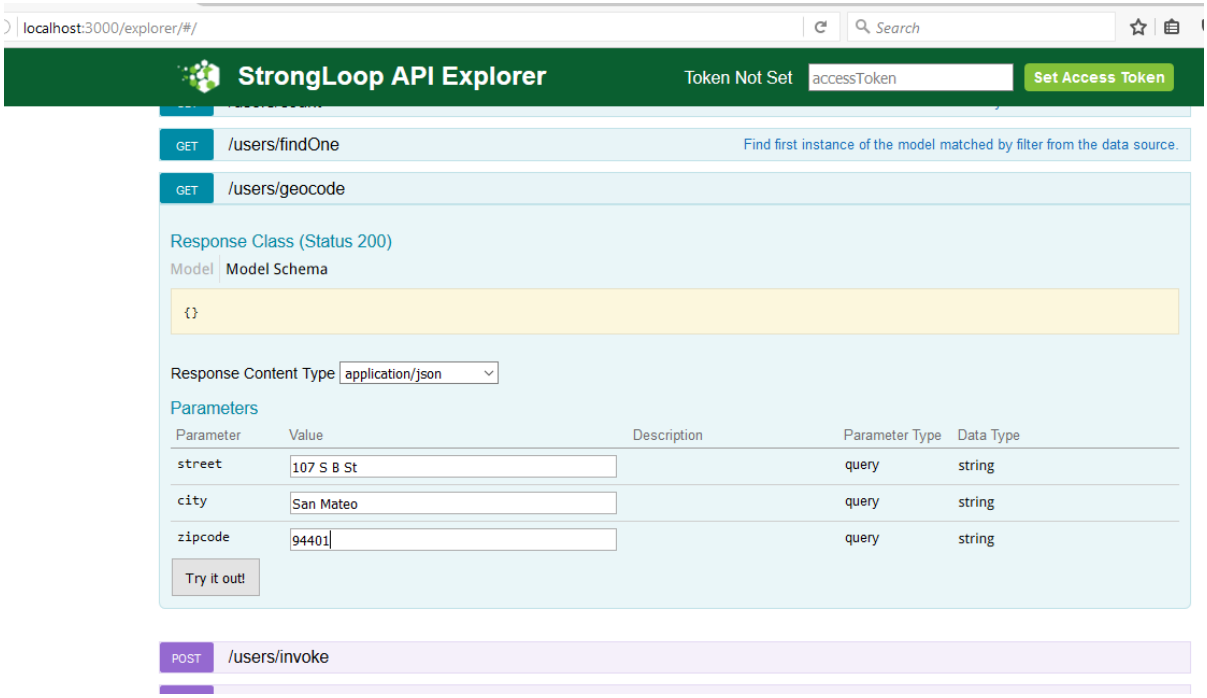
- You'll be asked to provide a **BASE URL** for your REST Service.
- You'll be asked for Configuring Options.
- The REST connector uses the **request()** module as the HTTP client.
- Here you can configure the Content Type and type of data.
- Next step is to provide the Operation templates.

- These are the details of HTTP method(here GET) and Query parameters you want to use for the REST service.
- But these details should be **Stringified.**
- If you want to perform CRUD operations on the details of REST service using a Model created by you Type **yes** for CRUD operations.
- And Install loopback connector for REST service.
- Now create a model so the CRUD operations of this Model can access the REST Service.

If there is a problem you can start **coding Manually:**
Go to **server/datasource.json** file of your Lopback and edit(add content) as below.

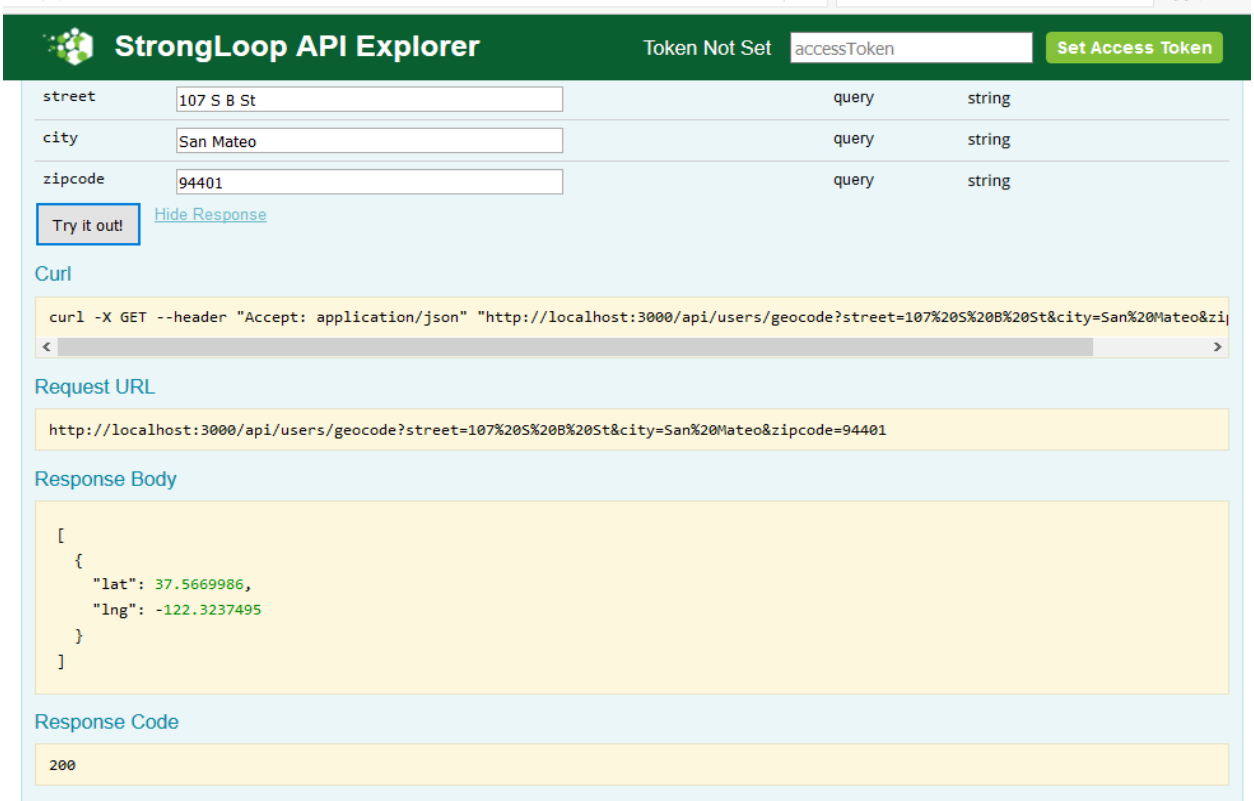


- And setting **strictSSL** to **false** allows the application to accept self signed certificates.
- Save the changes.
- Now run the Application using **node .**
- **A**ccess the URL at localhost.
- You'll find the Operations of Model in Strongloop Explorer.
- Amon them the Operation that you can really use are the INVOKE and GEOCODE.



- These 2 operations belongs to REST service that you've provided(Base url).
- And the other Operations belongs to Model.
- Provide the Data required into the Query columns and Click on **TRY IT OUT.**
- You'll get details of Latitude and Longitude.

RESULT:



You can save these details into another Datasource or You can provide RESTRICTED access to users(if you use buit-in USER model).

- Coming to INVOKE you need to provide the Data in the form data.

You can find Advanced Documentation at Strongloop:

- https://docs.strongloop.com/display/public/LB/REST+connector