How to drive rest using Postman and phpMyAdmin

The rest module should download with the following “vendor” dependencies:

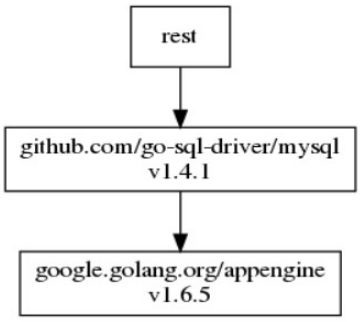
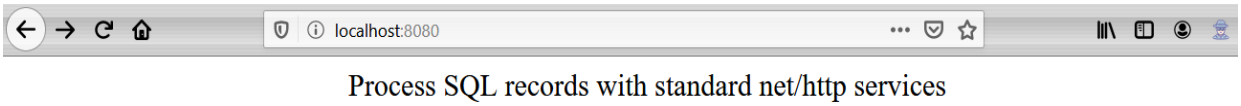


Figure 1 Dependency output from dep

After downloading rest from github:

```
$ cd rest
$ go build rest
$ rest
```

You might have to give firewall permission in order to continue. Now, using a web browser, navigate to the home page at `localhost:8080` as follows:

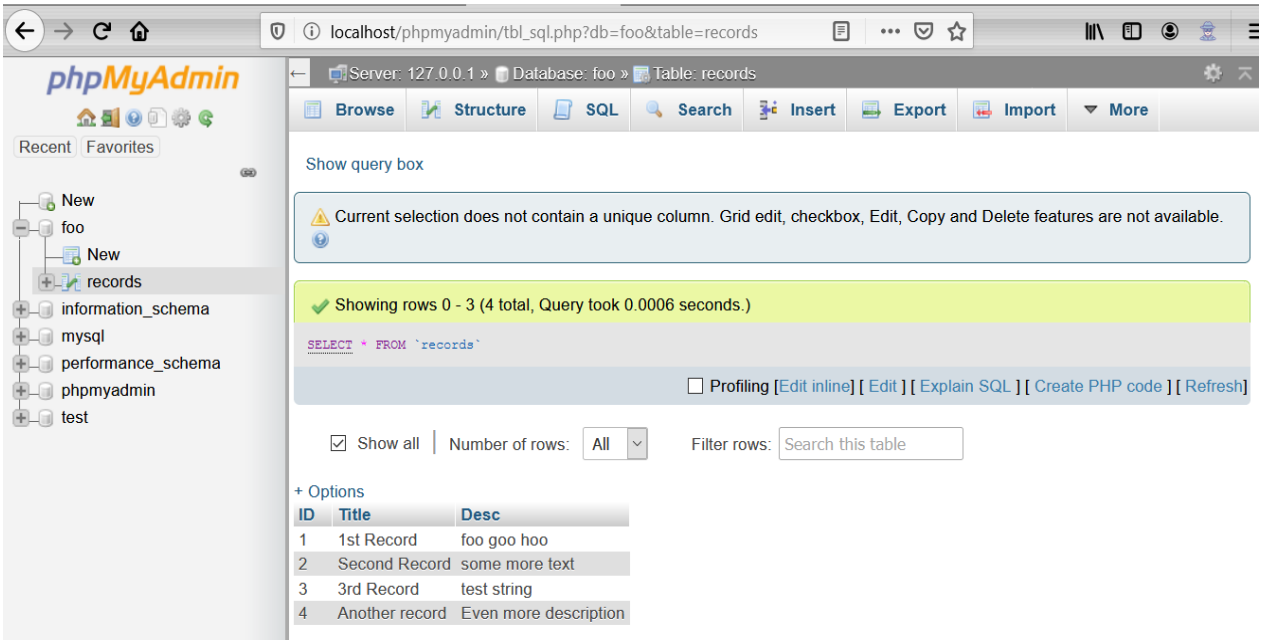


Before navigating to `localhost:8080/mysql-records`, use phpMyAdmin to create a database named, `foo` with a table named `records`. You can optionally add a JSON record to the mysql database.

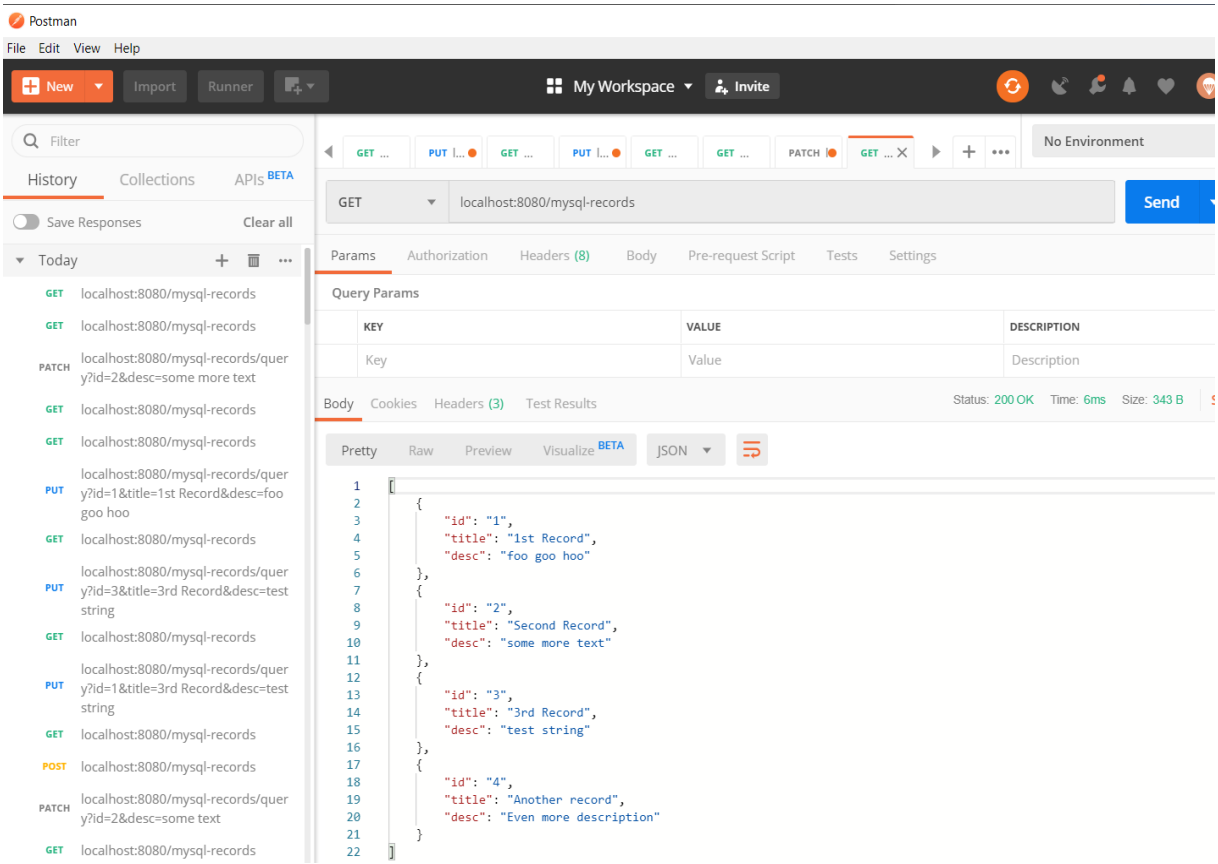
Please be aware that the standard net/http services do not handle URL variables like Gorilla MUX. Postman will need fields, or table columns, to be passed inside a query string instead. Please note the following:

POST (`/mysql-records`) requires the JSON fields only
GET (`/mysql-records`) only requires that the database was created
PUT (`/mysql-records/query`) requires both title and description in the query string
PATCH (`/mysql-records/query`) requires either title or description in the query string
DELETE (`/mysql-records/query`) requires the id in query string

Now, let's have a look at a sample MySQL database using phpMyAdmin:

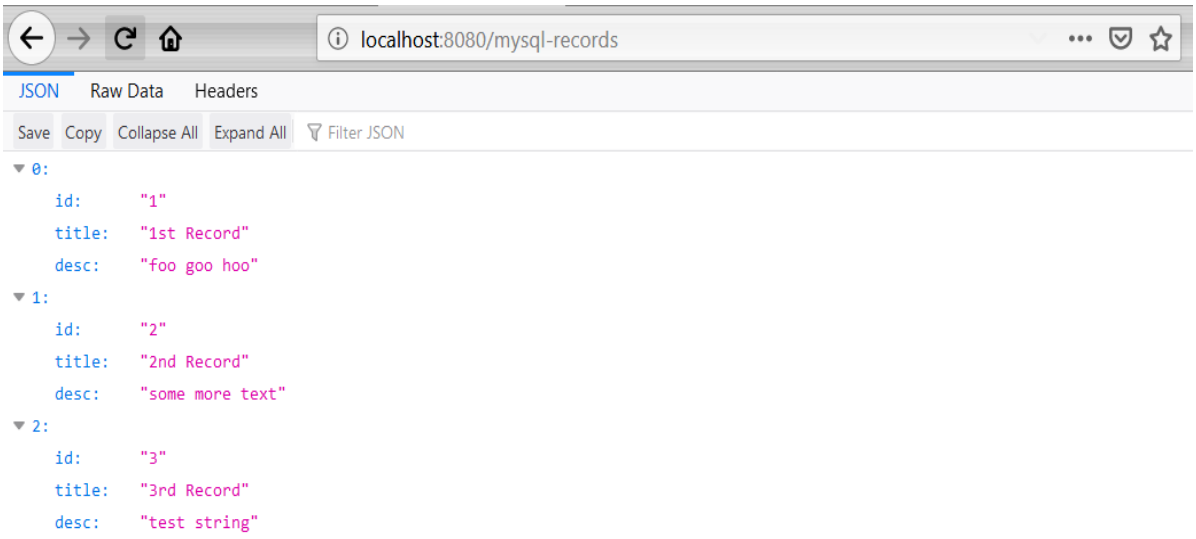


and from Postman:



Let's delete record(id=4) and modify record(id=2) using Postman:

Then, instead of Postman or phpMyAdmin, look at the JSON output in the browser:



in order to illustrate that all three options will display the MySQL database.

It's a trivial SQL database, but it illustrates the very basics of MySQL, JSON, Postman, phpMyAdmin, Apache, and Golang with net/http RESTful API.