

Testing FoodSeeks BackEnd

MySQL

The MySQL handling itself is somewhat removed from the inner workings of the server. Any function that is in the “src/server/utility/sqlhandler.js” stores can be executed independently of the node server running as long as MySQL is properly configured on your computer.

To test, we implemented some methods to run a series of tests on particular input data. This can all be found inside “src/server/tests/ustests.js”. The series is not super configurable but To test individual elements all that needs to be done is a call to the function you are attempting to test.

Routes

The routing is very much in the middle of everything. Isolating it from dependencies requires a lot of changes. Early on we implemented some testing stores (inplace of our SQL storage) however they do not implement the full functionality that our current sql stores hold.

To test routes I came up with a HTML file that can perform the tests. Requests can be submitted in sequence, or by themselves containing data to test routing features. More information can be found in the [readme](#) under backend/testing on the format of the requests and how to interact with the Fetcher.html.