

When an HTTP request is made by the client to the server, the router first determines the verbiage of the request and the URL that the request is sent to. The most complicated of these, update, will be examined due to its read/write nature.

The request is first sent to the coordinates controller. Here, a new HTTP request is made to the Opencage API. This middleware alters the original HTTP request and replaces the coordinates field with the coordinates returned in a response by the Opencage API.

The request is then passed from the controller to the app. The app queries the database and retrieves the listing to be updated, alters the fields to be updated, and re-queries the database by saving the updated listing.

The server responds to the client with a response containing a JSON object of the listing that was updated.

