

iOS Test Assignment - Moya

Background:

By default, Moya URL encoding only supports unique keys for query string parameters (?key=value) due to the underlying implementation being based on a dictionary (where keys must be unique).

Problem:

Extend Moya with an additional ParameterEncoding implementation that allows for duplicate keyed query parameters. Here's a hypothetical API endpoint which returns all locations within a bounding box drawn in points and included in the query:

<http://api.example.com/locations?points=0,0&points=0,10&points=10,0&points=10,10>

As can be seen, “points” is used multiple times in the querystring.

Deliverables:

- A working Moya API (stub responses)
- ParameterEncoding subclass
- Either a simple viewcontroller which consumes the stubbed API and prints output (console is fine), or a unit test against the stubbed API which verifies it works as intended.

You may deliver a full working xcode project, or just the files mentioned above.