Retrieve and Search for Data using REST API Methods

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Module Goals

Return array of data

Return status codes

Add JSON envelope around data

Create module and read data from file

Get single piece of data

Search for data

Demo

Create array of data to return

Demo

Use status(nnn) method

Wrap JSON object around data

Add "status", "statusText" and "message" properties

Add "data" property to contain the actual data

```json
1   {
2        "status": 200,
3        "statusText": "OK",
4        "message": "All pies retrieved.",
5        "data": [
6            {
7                "id": 1,
8                "name": "Apple"
9            },
10           {
11               "id": 2,
12               "name": "Cherry"
13           },
14           {
15               "id": 3,
16               "name": "Peach"
17           }
18       ]
19   }
```

Demo

Add JSON envelope

Best Practice

Separate logic: controller and data

Create module for data

Demo

Create a module for pie data

Demo

Read pie data from a file

Demo

Get a single piece of data

Demo

Search for data

Module Summary

Always return a status code

Wrap data into JSON envelope

Put search method before get(id)

Coming up next...

Build REST API Methods to Modify Data

- POST, PUT, PATCH

- DELETE