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CS493

Fall 2019

Assignment 8: Containerize it

Link to application: <http://35.233.189.244:8000>

Link to boats list: <http://35.233.189.244:8000/boats>

Link to specific boat: <http://35.233.189.244:8000/boats/5642368648740864>

This docker image is based on assignment 5, so no duplicate boat names are allowed. Any duplicate will be rejected with a 403 saying that the name already exists.

This also only returns the id when a new boat is added

ADD A BOAT:

|  |
| --- |
| POST /boats |

Request

Request Parameters

None

Request Body

Required

Request Body Format

JSON

Request JSON Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Required?** |
| name | string | Name of the boat | yes |
| type | string | Type of boat | yes |
| length | integer | Length of boat | yes |

Request body example

|  |
| --- |
| {  "name": "Sea Witch",  "type": "Catamaran",  "length": 28  } |

Response

**Response Body Format**

**JSON**

**Response Statuses**

|  |  |  |
| --- | --- | --- |
| **Outcome** | **Status code** | **notes** |
| **success** | **201** | **Boat was made** |
| **failure** | **400 bad request** | **Boat is missing attributes** |

**Response Examples**

• Datastore will automatically generate an ID and store it with the entity being created.

|  |
| --- |
| **{**   * **"id":** [5642368648740864](http://35.233.189.244:8000/boats/5642368648740864)**,**   **}** |