Root: https://cargoships-220516.appspot.com

VERB:

GET /api/ships

Requirements tested: pagination and Get all ships

Gets list of all ships—paginated into 3's.

No body parameters required

Test suite starts at 3, then one ship is posted. Next token is saved as variable and ran as a get request. Page 2 of get requests opens, and there is one ship plus the next token is false

POST /api/ships

Add a new ship. Param must include name, length and type. Adds a new ship to fleet and is at sea with no cargo. Self link created

Example:

{

  "name":"this is the new boat",

  "type":"sail",

  "length":"26"

}

GET /api/ships/{ship_id}

Gets specific ship based on ID and returns attributes:

Returns:

{

   "length": "26",

   "self": "https://project.appspot.com/api/ships/ship_id",

   "name": "this is the new boat",

   "type": "sail",

"id": ship_id

}PUT /api/ships/{ship_id}

Proven modify CORRECT and with following get test. Tests that object includes this is the new boat.

Body:

{

  "name":"this is the new boat",

  "type":"sail",

  "length":"27"

}

Updates parameters of a ship

DELETE /api/ships/{ship_id}

Deletes ship and empties carrier fields of cargo

Returns OK

CARGO

GET /api/cargo

Gets list of cargos paginated in sets of 3. Same process to prove correct. Start with 3 then add fourth, then use token variable to pull up second page

POST /api/cargo

Create cargo using number. All other parameters are ignored. Error if same number is created.

Body parameter example—CARRIER SETTING DONE WITH PUT CARGO ON SHIP

{

  "name":"new boat",

  "content":"truck",

  "weight":"26",

  "number": {{slipnumber}}

}

Number ignored in response

{

    "weight": "26",

```
    "delivery_date": null,

    "content": "truck",

    "carrier": {

        "id": null,

        "name": null,

        "self": null

    },

    "self": "https://cargoships-220516.appspot.com/api/cargo/5726181865291776",

    "id": 5726181865291776

}
```

GET /api/cargo/{cargo_id}

Gets everything from a single ship. Tests also show the post added what was supposed to be added

```
G {

    "self": "https://cargoships-220516.appspot.com/api/cargo/5726181865291776",

    "carrier": {

        "self": null,

        "name": null,

        "id": null

    },

    "content": "truck",

    "weight": "26",

    "delivery_date": null,

    "id": "5726181865291776"

}
```

PUT /api/cargo/{cargo_id}

Updates the content, weight and name---tests verify changes are made

```
{

 "name":"new boat",

 "content":"new truck",
```

```
  "weight":"76",

  "number": {{slipnumber}}

}
```

PUT /api/ships/{{shipid}}/cargo/{{cargoid}}

Puts the cargo of the cargo id on a ship and updates carrier settings on cargo, and cargo settings on shipped, which is tested in the following Get requests (which also uses the working self links, Delivery date is included in BODY

DELETE /api/ships/{{shipid}}/cargo/{{cargoid}}

Removes cargo from ship, which is tested in next two get calls, one for the ship, and one for the cargo

Null values for carrier and null values for cargo on ship

GET api/ships/{{shipid}}/cargo

Returns cargo from ship id paginated by sets of 3