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Base URL: https://mitcheza-api.appspot.com

List all ships

Lists all ships currently in the datastore whether they be at sea or docked.

Call: *GET /ships*

Parameters:

Response:
Status: 200 OK

```
[
  {
    "name": "Sea Ya L8r",
    "type": "Ketch",
    "length": 33,
    "id": "5638186843766784"
  },
  {
    "length": 45,
    "name": "Wanderer",
    "type": "Sloop",
    "id": "5660980839186432"
  }
]
```

Get a single ship

Returns a single ship.

Call: *GET /ships/{id}*

Parameters:

Response:
Status: 200 OK
```
{
  "length": 27,
  "name": "Usain Boat",
  "type": "Racer",
  "id": "5645015573331968"
}
```

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Create a new ship

Adds a new ship to the datastore, initialized unmoored from any slip ('at sea').

Call: *POST /ships*

Parameters:
"name" – String, Name of the craft
"length" – Number, Length of the craft
"type" – String, Ship classification

Response:
Status: 201 Created

{ "id": "5663461317017600" }

Edit a ship

Edits a ship that already resides in the datastore.

Call: *PUT /ships/{id}*

Parameters:
"name" – String, Name of the craft
"length" – Number, Length of the craft
"type" – String, Ship classification

Response:
Status: 200 OK

Delete a ship

Removes ship permanently from datastore and clears slip if moored there.

Call: *DELETE /ships/{id}*

Parameters:

Response:
Status: 204 No Content

List all slips

Lists all slips currently in datastore.

Call*: GET /slips*

Parameters:

Response:
Status: 200 OK

```
[
  {
    "number": 1,
    "current_ship": "Usain Boat",
    "arrival_date": "12/31/1999",
    "id": "5677303661068288",
    "ship_url": "https://mitcheza-api.appspot.com/ships/5645015573331968"
  },
  {
    "number": 2,
    "current_ship": "",
    "arrival_date": "",
    "id": "5750197846016000",
    "ship_url": ""
  }
]
```

Get a single slip

Returns a single slip.

Call*: GET /slips/{id}*

Parameters:

Response:
Status: 200 OK

```
{
  "arrival_date": "12/31/1999",
  "number": 1,
  "current_ship": "Usain Boat",
  "ship_url": "https://mitcheza-api.com/ships/5645015573331968"
}
```

Create a new slip

Adds a new slip to the datastore, initialized without any ship moored to it.

Call*: POST /slips*

Parameters:
"number" – Number, must be unique to the datastore

Response:
Status: 201 Created

{ "id": "5663461317017600" }

Edit a Slip

Edits a slip that already resides in the datastore.

Call*: PUT /slips/{id}*

Parameters:
"number" – Number, must be unique to the datastore
 "current_ship" – String, Ship that is parked - (optional, must be passed with arrival_date)
 "arrival_date" – String, Date ship arrived - (optional, but must be passed with current_ship)

Response:
Status: 200 OK

Delete a Slip

Removes slip permanently from datastore and clears slip if moored there.

Call*: DELETE /slips/{id}*

Parameters:

Response:
Status: 204 No Content

Moor a ship to a slip

Parks a ship in a slip, such that slip.current_ship = ship.name, and slip.arrival_date = today (date http call is made) in American format "MM/DD/YYYY".

Call*: POST /slips/{slip_id}/ships/{ship_id}*

Parameters:

Response:
Status: 200 Ok

Remove a ship from a slip

Unmoors a ship from its slip, putting that ship 'to sea'.

Call*: DELETE /slips/{slip_id} /ships/{ship_id}*

Parameters:

Response:
Status: 200 Ok