

# Marina

## Boats

### Create a boat

```
POST /boats
```

Name	Type	Description
name	String	Name of the vessel
type	String	Type of vessel
length	Integer	Length of the vessel
at_sea	Bool	True if vessel at Sea

### List all boats

```
GET /boats
```

### List a single boat

```
GET /boats/:id
```

### Mark a boat as at sea

```
PUT /boats/:id/sea
```

### Modify a boat

```
PATCH /boats/:id
```

Name	Type	Description
Name (optional)	String	Updated name of the vessel
Type (optional)	String	Updated type of the vessel
Length (optional)	Integer	Updated length of the vessel
at_sea (optional)	Bool	Updated state of the vessel

### Replace a boat

```
PUT /boats/:id
```

Name	Type	Description
Name (optional)	String	Updated name of the vessel
Type (optional)	String	Updated type of the vessel
Length (optional)	Integer	Updated length of the vessel
at_sea (optional)	Bool	Updated state of the vessel

## Delete a boat

```
DELETE /boats/:id
```

# Slips

## Create a slip

```
POST /slips
```

Name	Type	Description
Number	Integer	Slip designation Number

## List all slips

```
GET /slips
```

## List a single slip

```
GET /slips/:id
```

## List the boat docked at a slip

```
GET /slips/:id/dock
```

## Mark a boat as docked a boat at a slip

```
PUT /slips/:slipID/dock/:boatID
```

## Mark a boat as undocked from a slip

```
DELETE /slips/:slipID/dock/:boatID
```

## Modify a slip

```
PATH /slips/:id
```

Name	Type	Description
Number (optional)	Integer	Updated slip designation number
Arrival Date (optional)	String	Updated Boat arrival date
Boat Docked (optional)	Boat ID	Updated current Boat ID of docked boat.

## Replace a slip

```
PUT /slips/:id
```

Name	Type	Description
Number (optional)	Integer	Updated slip designation number
Arrival Date (optional)	String	Updated Boat arrival date
Boat Docked (optional)	Boat ID	Updated current Boat ID of docked boat.

## Delete a slip

```
DELETE /slips/:id
```