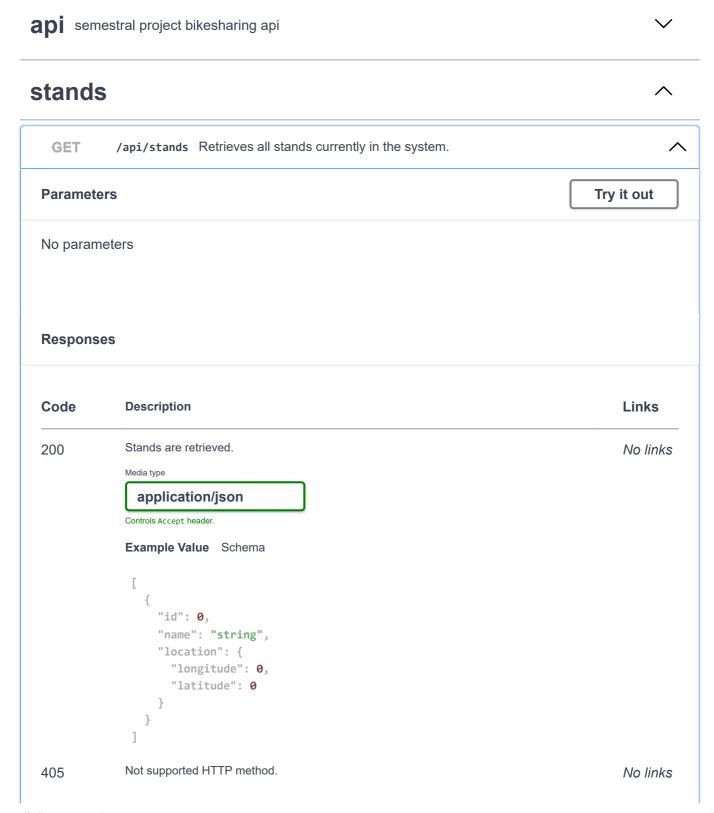


```
File v Edit v Insert v Generate Generate Server v Client v Edit v Editor 2
```

# Bikesharing REST API 0.0.1 OAS 3.0



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Code	Description	Links
406	Not acceptable response representation.	No links
500	Server error.	No links

### bikes

**GET** 



Parameters Try it out

/api/bikes Retrieves all rideable bikes currently in the system.

No parameters

#### Responses

Code	Description	Links

200 Bikes are retrieved. No links

Media type

#### application/json

Controls Accept header.

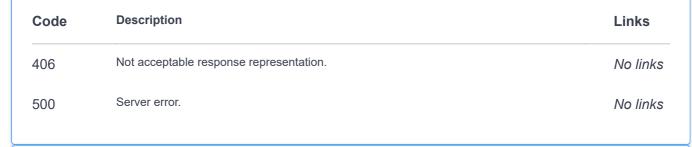
#### Example Value Schema

```
[
    "id": 0,
    "location": {
        "longitude": 0,
        "latitude": 0
    },
    "lastServiceStamp": "2024-01-01",
    "stand": {
        "id": 0,
        "name": "string",
        "location": {
            "longitude": 0,
            "latitude": 0
        }
    }
}
```

405 Not supported HTTP method.

No links

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GET /api/bikes/{standId} Retrieves rideable bikes that belong to stand with given id.

. , ,

#### **Parameters**

Try it out

```
Name Description

standId * required id of stand

integer($int32) standId

(path)
```

#### Responses

#### Code Description Links

200 Stand bikes are retrieved.

No links

Media type

#### application/json

Controls Accept header.

#### Example Value Schema

```
[
   "id": 0,
   "location": {
     "longitude": 0,
     "latitude": 0
   },
   "lastServiceStamp": "2024-01-01",
   "stand": {
     "id": 0,
     "name": "string",
     "location": {
       "longitude": 0,
       "latitude": 0
   }
 }
]
```

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Code	Description	Links
405	Not supported HTTP method.	No links
406	Not acceptable response representation.	No links
500	Server error.	No links

### repair

**GET** 



/api/repair Retrieves bikes that are due for a repair

#### **Parameters**

Try it out

No parameters

#### Responses

Code Description Links

Bikes for repair are retrieved.

No links

Media type

#### application/json

Controls Accept header.

#### Example Value Schema

```
[
    "id": 0,
    "location": {
        "longitude": 0,
        "latitude": 0
    },
    "lastServiceStamp": "2024-01-01",
    "stand": {
        "id": 0,
        "name": "string",
        "location": {
            "longitude": 0,
            "latitude": 0
        }
    }
}
```

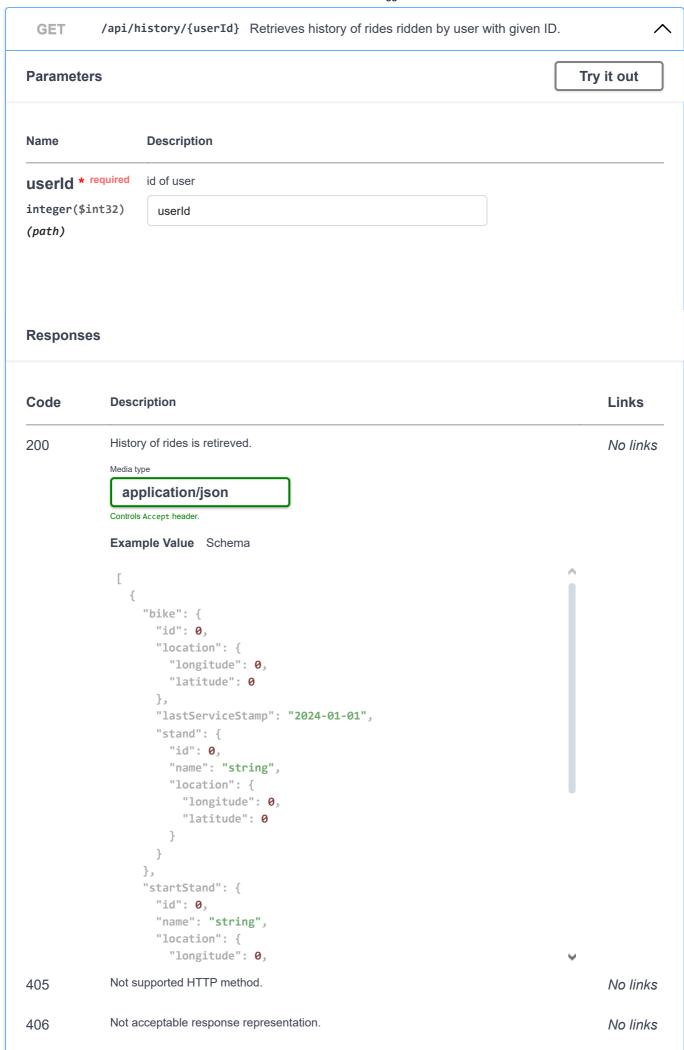
https://editor.swagger.io 4/7

16:56	Swagger Editor	
Code	Description	Links
405	Not supported HTTP method.	No links
406	Not acceptable response representation.	No links
500	Server error.	No links
POST	/api/repair/{bikeId} Reapirs specific bike with given bike ID.	
Paramete	ers	Try it out
Name	Description	
bikeld *	required id of bike	
integer(\$	int32) bikeld	
integer(\$ (path)  Response		
(path) Respons	es	Links
(path) Response	es  Description	Links
(path)	es	<b>Links</b> No links
(path) Response	es  Description  Bike is repaired.	
(path) Response	Description  Bike is repaired.  Media type	
(path) Response	Description  Bike is repaired.  Media type  application/json	
(path) Response	Description  Bike is repaired.  Media type  application/json  Controls Accept header.	
(path)  Response  Code  200	Description  Bike is repaired.  Media type  application/json  Controls Accept header.  Example Value Schema  "string"	No links
(path) Response	Description  Bike is repaired.  Media type  application/json  Controls Accept header.  Example Value Schema	
(path)  Response  Code  200	Description  Bike is repaired.  Media type  application/json  Controls Accept header.  Example Value Schema  "string"	No links

## history



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Code	Description	Links
500	Server error.	No links

```
Schemas
                                                                                              \leftarrow
    BikeDTO
                  {
        id*
                               integer($int32)
        location*
                               LocationDTO
                                                  {...}
                               string($date)
        lastServiceStamp
        stand
                               StandDTO
                                              {…}
    }
                                                                                              \leftarrow
    StandDTO
                    {
        id*
                               integer($int32)
        name*
                               string
        location*
                               LocationDTO
                                                  {...}
    }
                                                                                              \leftarrow
    LocationDTO
                       {
        longitude*
                               number($double)
        latitude*
                               number($double)
    }
                                                                                              \leftarrow
    RideDTO
                  {
        bike*
                               BikeDTO
                                           {...}
        startStand*
                               StandDTO
                                              {...}
        endStand*
                               StandDTO
                                              {...}
        startTimeStamp*
                               string($date-time)
        endTimeStamp*
                               string($date-time)
        state*
                               string
    }
```

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