

Bikesharing REST API

0.0.1 OAS 3.0

api

semestral project bikesharing api

stands

GET

/api/stands

Retrieves all stands currently in the system.

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Stands are retrieved.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[{ "id": 0, "name": "string", "location": { "longitude": 0, "latitude": 0 } }]</div>	

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

bikes

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GET

/api/bikes

Retrieves all rideable bikes currently in the system.

^

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Bikes are retrieved.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[{ "id": 0, "location": { "longitude": 0, "latitude": 0 }, "lastServiceStamp": "2024-01-01", "stand": { "id": 0, "name": "string", "location": { "longitude": 0, "latitude": 0 } } }]</div>	No links
405	Not supported HTTP method.	No links

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

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

Parameters

Try it out

Name	Description
standId * required integer(\$int32) (path)	id of stand

standId

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
 }
 }
 }
]

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

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Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Bikes for repair are retrieved.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[{ "id": 0, "location": { "longitude": 0, "latitude": 0 }, "lastServiceStamp": "2024-01-01", "stand": { "id": 0, "name": "string", "location": { "longitude": 0, "latitude": 0 } } }]</div>	No links

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.

^

Parameters

Try it out

Name	Description
bikeld * required	id of bike
integer(\$int32) (path)	<div>bikeld</div>

Responses

Code	Description	Links
200	<div>Bike is repaired.</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div>"string"</div>	No links
405	Not supported HTTP method.	No links
406	Not acceptable response representation.	No links
500	Server error.	No links

GET

/api/history/{userId} Retrieves history of rides ridden by user with given ID.

Parameters

Try it out

Name	Description
userId * required	id of user
integer(\$int32) (path)	<div>userId</div>

Responses

Code	Description	Links
200	<div>History of rides is retrieved.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><div>[{ "bike": { "id": 0, "location": { "longitude": 0, "latitude": 0 }, }, "lastServiceStamp": "2024-01-01", "stand": { "id": 0, "name": "string", "location": { "longitude": 0, "latitude": 0 } } }, "startStand": { "id": 0, "name": "string", "location": { "longitude": 0, "latitude": 0 } }]</div></div>	No links
405	Not supported HTTP method.	No links
406	Not acceptable response representation.	No links

Code	Description	Links
500	Server error.	<i>No links</i>

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