

FreeturiloWebApi

Overview

Paths

GET **/app/state** Return current state of application

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
401	Unauthorized	No Links

POST **/app/state/{state}** Sets state of applciation

Parameters

Type	Name	Description	Schema
path	state <i>required</i>	State to be set	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
400	Bad Request	No Links
401	Unauthorized	No Links

POST **/app/notify/{number}** Sets admin's treshold

Parameters

Type	Name	Description	Schema
path	number <i>required</i>	Treshold to be set	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
400	Bad Request	No Links
401	Unauthorized	No Links

GET /app/notify Returns admin's treshold

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
401	Unauthorized	No Links

POST /route Returns a route based on routeParameters

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
400	Bad Request	No Links
404	Not found	No Links

Code	Description	Links
503	Service unavailable	No Links

GET /station Returns all stations

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
503	Service unavailable	No Links

PUT /station Updates all stations

Responses

Code	Description	Links
200	Success	No Links
400	Bad Request	No Links
401	Unauthorized	No Links

GET /station/{id} Returns station of given id

Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Station id	integer (int32)

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
404	Not found	No Links
503	Service unavailable	No Links

***POST* /station/{id}/report** Reports station of given id as possibly broken

Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Station id	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
404	Not found	No Links
503	Service unavailable	No Links

***POST* /station/{id}/broken** Sets station of given id as broken

Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Station id	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
401	Unauthorized	No Links
404	Not found	No Links

POST /station/{id}/working Sets station of given id as working

Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Station id	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
401	Unauthorized	No Links
404	Not found	No Links

POST /user Allows users to authenticate

Responses

Code	Description	Links
200	Success <i>Content</i> text/plain application/json text/json	No Links
401	Unauthorized	No Links

Components

Schemas

LocationDTO

Properties

Name	Description	Schema
longitude <i>optional</i>	Longitude of location	number (double)
latitude <i>optional</i>	Latitude of location	number (double)
name <i>optional</i>	Name of location <i>nullable</i>	string
type <i>optional</i>	Type of location <i>nullable</i>	string
bikeRacks <i>optional</i>	Number of racks on station <i>nullable</i>	integer (int32)
bikes <i>optional</i>	Number of bikes on station <i>nullable</i>	integer (int32)

RouteParametersDTO

Properties

Name	Description	Schema
start <i>optional</i>		LocationDTO
end <i>optional</i>		LocationDTO
stops <i>optional</i>	Stops of route <i>nullable</i>	< LocationDTO > array
criterion <i>optional</i>	Criterion of route	integer (int32)

Coords

Properties

Name	Description	Schema
lat <i>optional</i>		number (double)
lng <i>optional</i>		number (double)

Bounds

Properties

Name	Description	Schema
northeast <i>optional</i>		Coords
southwest <i>optional</i>		Coords

TextValue

Properties

Name	Description	Schema
text <i>optional</i>	<i>nullable</i>	string
value <i>optional</i>		integer (int32)

Polyline

Properties

Name	Description	Schema
points <i>optional</i>	<i>nullable</i>	string

Step

Properties

Name	Description	Schema
distance <i>optional</i>		TextValue

Name	Description	Schema
duration <i>optional</i>		TextValue
end_location <i>optional</i>		Coords
start_location <i>optional</i>		Coords
html_instructions <i>optional</i>	<i>nullable</i>	string
travel_mode <i>optional</i>	<i>nullable</i>	string
polyline <i>optional</i>		Polyline

ViaWaypoint

Properties

Name	Description	Schema
location <i>optional</i>		Coords
step_index <i>optional</i>		integer (int32)
step_interpolation <i>optional</i>		number (double)

Leg

Properties

Name	Description	Schema
distance <i>optional</i>		TextValue
duration <i>optional</i>		TextValue

Name	Description	Schema
end_address <i>optional</i>	<i>nullable</i>	string
end_location <i>optional</i>		Coords
start_address <i>optional</i>	<i>nullable</i>	string
start_location <i>optional</i>		Coords
steps <i>optional</i>	<i>nullable</i>	< Step > array
traffic_speed_e ntry <i>optional</i>	<i>nullable</i>	< string > array
via_waypoint <i>optional</i>	<i>nullable</i>	< ViaWaypoint > array

Route

Properties

Name	Description	Schema
bounds <i>optional</i>		Bounds
copyrights <i>optional</i>	<i>nullable</i>	string
legs <i>optional</i>	<i>nullable</i>	< Leg > array
overview_polyl ine <i>optional</i>		Polyline
summary <i>optional</i>	<i>nullable</i>	string
warnings <i>optional</i>	<i>nullable</i>	< string > array

Name	Description	Schema
waypoint_order optional	nullable	< integer > array

FragmentRouteDTO

Properties

Name	Description	Schema
parameters optional		RouteParametersDTO
cost optional	Cost of route	number (double)
time optional	Time of route	integer (int32)
waypoints optional	Waypoints of route nullable	< LocationDTO > array
directionsRoute optional		Route

StationDTO

Properties

Name	Description	Schema
longitude optional	Longitude of location	number (double)
latitude optional	Latitude of location	number (double)
name optional	Name of location nullable	string
type optional	Type of location nullable	string

Name	Description	Schema
bikeRacks <i>optional</i>	Number of racks on station <i>nullable</i>	integer (int32)
bikes <i>optional</i>	Number of bikes on station <i>nullable</i>	integer (int32)
id <i>optional</i>	Station id	integer (int32)
state <i>optional</i>	Station state	integer (int32)

AuthDTO

Properties

Name	Description	Schema
email <i>optional</i>	Email for authentication <i>nullable</i>	string
password <i>optional</i>	Password for authentication <i>nullable</i>	string