API Documentation

GET api/api.php?request=parking/zone/{minLat}/{minLng}/{maxLat}/{maxLng}

Returns a list of all the parkings in the requested area

Parameters
MinLat : latitude of the upper-left corner of the zone
MinLng : longitude of the upper-left corner of the zone
MaxLat : latitude of the bottom-right corner of the zone
MaxLng : longitude of the bottom-right corner of the zone

Return format
[{latitude, longitude, name, slots, payment, id}, {{latitude, longitude, name, slots, payment, id}, ...]

latitude, longitude : position of the parking
name : name of the parking
slots : capacity of the parking
payment : payment requirements of the parking
id : id of the parking, useful to retrieve additional informations

Return example
[{"latitude":"60.4459585","longitude":"22.2473144", "name":"Parking #7", "slots":"-1","payment":"Free of charge","id":"7"}, {"latitude":"60.4457044","longitude":"22.2443103", "name":"Parking #11","slots":"-1", "payment":"Subject to a fee","id":"11"}]

GET api/api.php?request=parking/id/{id}

Returns an exhaustive set of informations about requested parking

Parameters
id : id of the parking, as retrieved by a zone request

Return format
{latitude, longitude, name, slots, payment, id, city, openingHour, closingHour, exit, walking, features : [{name, desc}, {name, desc}, ...]}

latitude, longitude : position of the parking
name : name of the parking
slots : capacity of the parking
payment : payment requirements of the parking
id : id of the parking
city : city in which the parking is located
entrance : entrance address of the parking
exit : exit address of the parking
walking : walking address of the parking
openingHour : opening hour of the parking
closingHour : closing hour of the parking
features : a list of features (composed of a name and a description)

Return example
{"latitude":"60.4457044","longitude":"22.2443103", "name":"Parking #11", "slots":"Unknown","city":"Turku", "openingHour":"00:00:00", "closingHour":"23:59:59", "entrance":"Korkeavuorenkatu 2a, 20100, Turku ", "features":[{"type":"Heated","desc":"Lot is heated"}, {"type":"Roof","desc":"Lot has a roof"}],"payment":"Subject to a fee", "exit":"Korkeavuorenkatu 2a, 20100, Turku", "walking":"Korkeavuorenkatu 2a, 20100, Turku"}

GET api/api.php?request=feature/list

Returns a list of the features that are available to assign to a parking

Return format
[{name}, {name}, ...]
Return example
["Heated","Roof","Surveillance"]

POST api/api.php?request=parking/add

Adds a new parking to the database

Post Parameters
latitude : latitude of the parking
id : id of the parking
longitude : longitude of the parking
entrance : entrance address of the parking
exit : exit address of the parking
walking : walking address of the parking
openedFrom : opening hour of the parking (HH:MM:SS)
closedAt: closing hour of the parking (HH:MM:SS)
features : a list of features
name : name of the parking
slots : capacity of the parking
payment : payment requirements of the parking

Return format
None

Return example
None