API description

All the answers has the same packaging that contains the

Az API valamennyi válasza azonos csomagolásban van. Ez tartalmazza a válasz eredményességét valamint a referenciákat.

```
{
    "version": 2,
    "status": "OK",
    "code": 200,
    "text": "OK",
    "currentTime": 1411237703155,
    "data": {
        entry: {} // In case of object answer.
        list: [] // In case of list answer.
        "references": {
            "agencies": {},
            "routes": {},
            "stops": {},
            "trips": {},
            "alerts": {}
        },
        "class": "..." // entryWithReferences, listWithReferences
    }
}
```

The references contains the main entities based on ther ID. Using the includeReferenes it is possible to control which entities are returned.

Global Parameters

key - API key

version - API version

appVersion – version of the application using the API

includeReferences – the type of the references to be included in the answers. Possible values: true, false, agencies, routes, trips, alerts, stops. In case of more value is given, they shall be separated with commas.

OneBusAway compatible API

The data can be accessed compatible with the OneBusAway API at the /bkk-utvonaltervezo-api/ws/oba/api/where link (e.g. current time)

Reference

Metadata

Info about the validity of the API. It specifies the boundaries of the area handled by the router planner, the validity duration of the data and the current server time.

BicycleRental

Current data of the MOL Bubi (public bicycle system) stations. In case the 'bikes' and 'spaces' have 0 value, the station is out of order.

AlertSearch

Search for problems in the public transportation system.

Search

Search for stops and routes.

StopsForLocation

The stops near the location.

ArrivalsAndDeparturesForStop

The arriving and departing vehicle in the near future at a given stop.

ArrivalsAndDeparturesForLocation

The arriving and departing vehicle in the near future at a given location.

ScheduleForStop

The schedule for a given stop updated with real-time data.

RouteDetails

Details of a route.

TripDetails

Details of a trip. Specification of tripId or vehicleId is compulsory.

VehiclesForLocation

Vehicles in a rectangle. The center has to be defined and either the height and length or the radius of the circle.

VehiclesForRoute

Vehicles of a route.

VehiclesForStop

Vehicles passing by at a stop.