

iOS Coding Challenge

The challenge consists of two parts. One part should be written in Objective-C the other in Swift, it's up to you which part in which language.

Do all that is necessary for the Objc and the Swift part to work together and be interoperable.

1.1: Loading data and displaying it

Write an app containing a list. The list should show all the vehicle data in the bounds of Hamburg (53.694865, 9.757589 & 53.394655, 10.099891).

Use this endpoint <https://poi-api.mytaxi.com/PoiService/poi/> to get the vehicles.

A possible call could look like this

<https://poi-api.mytaxi.com/PoiService/poi/v1?p2Lat=53.394655&p1Lon=9.757589&p1Lat=53.694865&p2Lon=10.099891>

```
{
  "poiList": [{
    "id": -479925044,
    "coordinate": {
      "latitude": 53.5530854,
      "longitude": 9.955689
    },
    "state": "INACTIVE",
    "type": "TAXI",
    "heading": 0.0
  },
  {
    "id": 743402081,
    "coordinate": {
      "latitude": 53.585491577106666,
      "longitude": 9.98225922767678
    },
    "state": "ACTIVE",
    "type": "TAXI",
    "heading": 233.87039184570312
  },
  {
    "id": 1241571097,
    "coordinate": {
      "latitude": 53.5494851,
      "longitude": 9.9272429
    },
    "state": "INACTIVE",
    "type": "TAXI",
    "heading": 0.0
  }
]
}
```

Fill the list items with some useful vehicle-information provided by the JSON response. You can create custom list items with selected vehicle data - simply impress us

Make the app look neat and structure the code appropriately.

1.2: Map

Extend your app, that it is able to show vehicles on a map. Use the bounds of the map to request the vehicles.

Additional

- You are encouraged to use libraries if you consider them useful
- Please attach your git history
- Please name your zip-file with your full name