

Search-Car-From-Location application API

1.For access to data You need to send your username and password and also clientId, clientSecret

```
POST /oauth/token HTTP/1.1
Authorization: Basic Y2xpZW50T25lOnNlY3JldA==
Host: localhost:8080
Content-Type: application/x-www-form-urlencoded

grant_type=password&username=myUsername&password=myPassword
```

2.Get Access Token into response from Authentication Server:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 896

{
  "access_token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX25hbWUiOiJteVVzZXJuYW11Iiwic2NvcGUiOiIsImVhZCJdLCJvcmdhbm16YXRpb24iOiJteVVzZXJuYW11eXptViIsImV4cCI6MTU5OTczMTg4NiwiYXV0aG9yaXRpZXMiOiIsiUk9MRV9VU0VSIl0sImp0aSI6IjJmYmQ3MmM1LTlTMjYtNGUwMC1hNTExLTZjY2QzZjI3YWFLYSIsImNsaWVudF9pZCI6ImNsaWVudE9uZSJ9.4H49LqS96PRecX5Q6zMJ6W0hTTG9uwE2d0do7_UQKN0",
  "token_type": "bearer",
  "refresh_token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX25hbWUiOiJteVVzZXJuYW11Iiwic2NvcGUiOiIsImVhZCJdLCJvcmdhbm16YXRpb24iOiJteVVzZXJuYW11eXptViIsImV4cCI6MTU5OTczMTg4NiwiYXV0aG9yaXRpZXMiOiIsiUk9MRV9VU0VSIl0sImp0aSI6IjJmYmQ3MmM1LTlTMjYtNGUwMC1hNTExLTZjY2QzZjI3YWFLYSIsImNsaWVudF9pZCI6ImNsaWVudE9uZSJ9.c8lw4u-GW1aJl_ba5907qD-HoR407vJWsGzaPsOw1Mo",
  "expires_in": 3599,
  "scope": "read",
  "organization": "myUsernameymV",
  "jti": "2fbd72c5-2726-4e00-a511-6ccd3f27aaea"
}
```

3.4.Done! You have access to the data. Use the Your Access Token:

```
$ http GET 'http://localhost:8080/getCars/53.9/20.88/100' \
  'Authorization:Bearer <your_token>' \
  'Accept:application/json'
```

4. Get Your data:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 510

{
  "0" : {
    "carId" : "5b8812a5-0e1b-4bda-adc6-208157beb1ec",
    "coordinate" : {
      "latitude" : 53.8999766066216,
      "longitude" : 20.879609098658
    }
  },
  "1" : {
    "carId" : "29859e75-a3fc-4683-8123-106ddb56ba87",
    "coordinate" : {
      "latitude" : 53.9005019030705,
      "longitude" : 20.881138343039
    }
  },
  "2" : {
    "carId" : "3f11f70e-249a-4a02-a580-bc15bf5e14fe",
    "coordinate" : {
      "latitude" : 53.9001368781674,
      "longitude" : 20.8811688161785
    }
  }
}
```