

Dutchsense API

To use the DutchSense API, it is necessary to use the given API key in every request. This is done by adding ?api_key=XXX to every request.

4.0.0 ▾

BPark

BPark - Get dynamic parking data for bpark (SPDP)

1.4.1 ▾

GET

https://apps.dutchsense.net/api/bpark/spdp/dynamic/:uuid

Parameter

Field	Type	Description
uuid	String	The uuid for the bpark (or internal Abel code prefixed by INTERNAL_).

Success 200

Field	Type	Description
description	String	Name of the BPark (with location)
identifier	String	UUID of the BPark
name	String	Name of the BPark
status	Object	Status of the BPark
lastUpdated	Integer	Timestamp of last update
statusDescription	String	Textual explanation for the current actual status
open	Boolean	Indicates whether the facility is currently open for visitors
full	Boolean	Indicates whether the facility currently has vacant spaces for visitors or not
parkingCapacity	Integer	Number of parking spaces for parking.
vacantSpaces	Integer	Number of vacant spaces.
vacantSpacesUpper	Integer	Number of vacant spaces in upper racks.
vacantSpacesLower	Integer	Number of vacant spaces in lower racks.
chargePointVacantSpaces	Boolean	Number of vacant parking spaces with a charge point (0 when unknown)
vacantSpaces	Integer	Number of vacant spaces, including non-public spots.
vacantSpacesUpper	Integer	Number of vacant spaces in upper racks, including non-public spots.
vacantSpacesLower	Integer	Number of vacant spaces in lower racks, including non-public spots.

Success-Response:

```
HTTP/1.1 200 OK
{
  "parkingFacilityDynamicInformation" : {
    "description":"Delft, Stationsstalling 2",
    "identifier":"fr3424d-b3fd-11e7-826c-dd88e420c321",
    "name":"Testopstelling",
    "status":{"
      "lastUpdated":1495027500,
      "statusDescription":"ok",
      "open":true,
      "full":false,
      "parkingCapacity":1,
      "vacantSpaces":1,
      "vacantSpacesUpper":0,
      "vacantSpacesLower":1,
      "unfilteredStatus":{"
        "vacantSpaces":2,
        "vacantSpacesUpper":1,
        "vacantSpacesLower":1,
      }
    }
    "chargePointVacantSpaces":0
  }
}
```

BPark - Get static parking data (lists all available bike parks)

1.4.1 ▾

Get a list of all bike parks

GET

https://apps.dutchsense.net/api/bpark/spdp/static/

Success 200

Field	Type	Description
root	Object[]	List of bikeparks with details
name	String	Name
uuid	String	UUID
prefix	String	Prefix
description	String	Description
address	String	Address
latitude	String	Location latitude
longitude	String	Location longitude
capacity	Integer	The parking capacity

Success-Response:

```
HTTP/1.1 200 OK
{
  [
    {
      "name": "A v Buerenstr",
      "uuid": "382f1a00-7b67-11e7-843c-a5605d8c4919",
      "prefix": "AB",
      "description": "Den Haag, Anna van Buerenstraat",
      "address": "Prins Willem-Alexanderweg 213, Den Haag",
      "latitude": "52.080339365602505",
      "longitude": "4.3268032270046906",
      "capacity": 1124
    },
    {
      "name": "CS",
      "uuid": "38351f50-7b67-11e7-8fc8-31ede1ea6b13",
      "prefix": "AF",
      "description": "Amersfoort, Amersfoort CS",
      "address": "Stationsplein 29, Amersfoort",
      "latitude": "52.153469733175044",
      "longitude": "5.375487684826912",
      "capacity": 2057
    }
  ]
}
```