

Factsheet für OpenStreetMap (ID : 337) Zuletzt aktualisiert: 04.10.2024 04:00

GraphQL

GraphQL-Queries erlauben das Abfragen gebündelter Feeds mehrerer Provider. Welche Feeds gebündelt werden kann über den Provider Filter gesteuert werden. Mehr Informationen zu gebündelten Feeds und Filtern können Sie der MDD NRW Schnittstellenbeschreibung entnehmen.

Legende

- *Kursiver Datentyp*: Aufzählung. Im GraphQL Schema sind alle möglichen Werte aufgelistet.
- **Fetter Datentyp**: Komplexer Datentyp, genaue Definition findet sich im Factsheet und im GraphQL Schema
- [Datentyp] mit eckigen Klammern: Liste mit Einträgen des jeweiligen Datentyps.
- Map(Datentyp1, Datentyp2): Eine Zuordnungstabelle für assoziative Daten.

Provider

Endpunkte: *listProviders*, *providerById*

Beschreibung: Complex datatype for information about providers. A provider is a source of data from which the MDD NRW receives information.

| Attribut | Datentyp | Beschreibung | Beispiel |
|-----------|-------------------|--|----------|
| id | Long | The id is a unique identifier within the same class. | 5179 |
| name | String | Name of this provider | VRS |
| active | boolean | If a provider is active, the data for this provider is updated regularly. A value of "true" equals the state active. | |
| locations | [Location] | Locations of this provider | |
| license | String | License of this provider | |

Location

Endpunkte: *listLocations*, *locationById*

Beschreibung: Complex datatype for information about POIs. Contains for example name, type, address and coordinates of the corresponding POI.

| Attribut | Datentyp | Beschreibung | Beispiel |
|----------------------|---|---|----------------------|
| id | Long | The id is a unique identifier within the same class. | 5179 |
| provider | Provider | The provider this entity belongs to | |
| lastUpdated | Date | This entity was last loaded into the MDD NRW at this point. The date is given in UTC. | 2024-07-30T09:30:00Z |
| externalId | String | Identifies a stop, station, or station entrance | |
| lat | Double | WGS84 latitude of the location in decimal degrees | 51.890169 |
| lon | Double | Current WGS84 longitude of the vehicle in decimal degrees | 6.100169 |
| locationType | <i>LocationType</i> | Type of the location | CINEMA |
| name | String | Name of the location | |
| description | String | Description of the location | |
| isWheelchairBoarding | Boolean | Is wheelchair boarding possible? | |
| city | String | City of the location | |
| district | String | District of the location | |
| street | String | Street of the location | |
| houseNumber | String | House number of the location | |
| postCode | String | Postcode of the location | |
| operator | String | Operator of the location | |
| stringAttributes | Map(StringAttributeKey, LocationStringAttribute) | String attributes for this location | |

LocationStringAttribute

Beschreibung: Complex datatype for the attributes of a location identified by a string.

| Attribut | Datentyp | Beschreibung | Beispiel |
|--------------------|---------------------------|------------------------------------|---------------|
| location | Location | Attribute applies to this location | |
| stringAttributeKey | <i>StringAttributeKey</i> | Type of string attribute | OPENING_HOURS |
| value | String | Value of string attribute | |