

Factsheet für go.Rheinland Infrastrukturatlas (ID : 40)

Zuletzt aktualisiert:
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Geoserver

Für den Datenlieferanten go.Rheinland Infrastrukturatlas können über die folgenden Geoserver Layer Daten abgefragt werden:

- Fahrradabstellanlagen (40)
- Mobilstationen (40)
- P + R Anlagen (40)
- Gebündelte Fahrradabstellanlagen
- Gebündelte Mobilstationen
- Gebündelte P + R Anlagen

Datex II

Datex II-Version: 3.1

Schema-Dateien: <https://download.gorheinland.com/mdd/datex2-schema.zip>

Für den Datenlieferanten go.Rheinland Infrastrukturatlas können über die folgenden Datex II-Endpunkte Daten abgefragt werden:

- <https://mdd.gorheinland.com/datex2-output/{Datex II Version}/{Datenlieferanten ID}>

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	
parkingFacilities	[ParkingFacility]	Parking facilities 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. If the externalId is a DHID ('deutschlandweit einheitliche Haltestellen-ID'), information by other providers about this location can be found by filtering the locations by its externalId.	

code	String	Short text or a number that identifies the location for riders	
name	String	Name of the location	
description	String	Description of the location	
dhid	String	DHID (Deutschlandweit einheitliche Haltestellen-ID)	
lat	Double	WGS84 latitude of the location in decimal degrees	51.890169
lon	Double	WGS84 longitude of the location in decimal degrees	6.100169
locationType	<i>LocationType</i>	Type of the location	CINEMA
parentLocation	Location	Parent location	
city	String	City of the location	
county	String	County of the location	
district	String	District of the location	
stringAttributes	Map(StringAttributeKey,LocationStringAttribute)	String attributes for this location	
integerAttributes	Map(IntegerAttributeKey,LocationIntegerAttribute)	Integer attributes for this location	
features	[LocationFeature]	Features 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	

LocationIntegerAttribute

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

Attribut	Datentyp	Beschreibung	Beispiel
location	Location	Attribute applies to this location	
integerAttributeKey	<i>IntegerAttributeKey</i>	Type of integer attribute	ESCALATORS
value	Integer	Value of integer attribute	

LocationFeature

Beschreibung: Complex datatype for additional location features.

Attribut	Datentyp	Beschreibung	Beispiel
location	Location	Feature applies to this location	
feature	<i>FeatureType</i>	Feature	ROOF

ParkingFacility

Endpunkte: *listParkingFacilities*, *parkingFacilityById*

Beschreibung: Complex datatype for information about parking facilities. Contains for example the address, coordinates and pricing information about the corresponding facility.

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	Id given by provider	
name	String	Name of the parking facility	
lat	Double	WGS84 latitude of the sharing station in decimal degrees	51.890169
lon	Double	WGS84 longitude of the sharing station in decimal degrees	6.100169
parkingType	<i>ParkingType</i>	Type of the parking facility	BIKEBOX
features	[ParkingFacilityFeature]	Parking facility features contain additional information about the parking facility.	
capacities	[Capacity]	Capacity data	

ParkingFacilityFeature

Attribut	Datentyp	Beschreibung	Beispiel
parkingFacility	ParkingFacility	The parking facility feature applies to this parking facility.	
feature	<i>FeatureType</i>	Feature type	ROOF

Capacity

Beschreibung: Complex datatype for the capacity of a parking facility.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
parkingFacility	ParkingFacility	Capacity information applies to this parking facility	
capacityKey	<i>CapacityKey</i>	Type of capacity information	TOTAL_SLOTS
capacityValue	Integer	Capacity of type capacityKey	15