

Factsheet für wupsiCar (ID : 46)

Zuletzt aktualisiert: 30.01.2026 03:00

Geoserver

Für den Datenlieferanten wupsiCar können über die folgenden Geoserver Layer Daten abgefragt werden:

- Standorte Carsharing (46)
- Fahrzeuge Carsharing (46)
- Carsharing-Stationen
- Carsharing-Fahrzeuge
- Gebündelte Carsharingdaten

GBFS

Für den Datenlieferanten wupsiCar können über die folgenden GBFS-Endpunkte Daten abgefragt werden:

- <https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/{Gbfs Endpunkt}.json>

GBFS Endpunkt	GBFS Version
GBFS	2.3, 3.0
SYSTEM_INFORMATION	2.3, 3.0
VEHICLE_TYPES	2.3, 3.0
STATION_INFORMATION	2.3, 3.0
STATION_STATUS	2.3, 3.0
FREE_BIKE_STATUS	2.3
MANIFEST	3.0
VEHICLE_STATUS	3.0

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.	
vehicles	[Vehicle]	Vehicles of this provider	
vehicleTypes	[VehicleType]	Vehicle types of this provider	

Vehicle

Endpunkte: *listVehicles*, *vehicleById*

Beschreibung: Complex datatype for information about vehicles, for example scooters, bikes and cars.

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	
lat	Double	Current WGS84 latitude of the vehicle in decimal degrees	51.890169
lon	Double	Current WGS84 longitude of the vehicle in decimal degrees	6.100169
vehicleType	VehicleType	Vehicle type of the vehicle	
plateNumber	String	Plate number of the vehicle	
vehicleInavailabilities	[VehicleInavailability]	Inavailabilities for this vehicle	

VehicleType

Endpunkte: *listVehicleTypes*, *vehicleTypeById*

Beschreibung: Complex datatype for information about vehicle types. Vehicles of the same type share the available attributes.

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
type	String	External id given by provider	
formFactor	<i>VehicleFormFactor</i>	The vehicle's general form factor	SCOOTER
propulsionType	<i>VehiclePropulsionType</i>	The primary propulsion type of the vehicle	ELECTRIC
riderCapacity	Integer	The number of riders (driver included) the vehicle can legally accommodate.	
vehicleAccessories	[VehicleAccessory]	Additional information about the vehicle	KEYLESS, AUTOMATIC, DOORS_5
gCo2PerKm	Integer		
model	String	The name of the vehicle model	

VehicleInavailability

Beschreibung: Complex datatype for information about vehicle inavailabilities.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
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
provider	Provider	The provider this entity belongs to	
vehicle	Vehicle	Inavailabilities apply to this vehicle	
beginTime	Date	Begin of inavailability	2024-07-30T09:30:00Z
endTime	Date	End of inavailability	2024-07-30T09:30:00Z