

Factsheet für Dott (ID : 381)

Zuletzt aktualisiert: 13.03.2025 03:00

Der Datenlieferant Dott hat folgende Zonen:

- Dott Mülheim an der Ruhr (Dott mulheim-an-der-ruhr) (ID : 382)
- Dott Herten (Dott herten) (ID : 414)
- Dott Brühl (Dott bruhl) (ID : 413)
- Dott Bochum (Dott bochum) (ID : 412)
- Dott Bielefeld (Dott bielefeld) (ID : 411)
- Dott Bonn (Dott bonn) (ID : 410)
- Dott Rheine (Dott rheine) (ID : 409)
- Dott Münster (Dott munster) (ID : 408)
- Dott Minden (Dott minden) (ID : 407)
- Dott Köln (Dott cologne) (ID : 406)
- Dott Herne (Dott herne) (ID : 405)
- Dott Hennef (Dott hennef) (ID : 404)
- Dott Hamm (Dott hamm) (ID : 403)
- Dott Hilden (Dott hilden) (ID : 402)
- Dott Herford (Dott herford) (ID : 401)
- Dott Monheim am Rhein (Dott monheim-am-rhein) (ID : 400)
- Dott Recklinghausen (Dott recklinghausen) (ID : 399)
- Dott Langenfeld (Dott langefeld) (ID : 398)
- Dott Düsseldorf (Dott dusseldorf) (ID : 396)
- Dott Mönchengladbach (Dott monchengladbach) (ID : 395)
- Dott Duisburg (Dott duisburg) (ID : 394)
- Dott Troisdorf (Dott troisdorf) (ID : 393)
- Dott Paderborn (Dott paderborn) (ID : 392)
- Dott Meerbusch (Dott meerbusch) (ID : 391)
- Dott Rheda Wiedenbruck (Dott rheda-wiedenbruck) (ID : 390)
- Dott Essen (Dott essen) (ID : 389)
- Dott Dortmund (Dott dortmund) (ID : 388)
- Dott Solingen (Dott solingen) (ID : 387)
- Dott St. Augustin (Dott sankt-augustin) (ID : 386)
- Dott Aachen (Dott aachen) (ID : 385)
- Dott Neuss (Dott neuss) (ID : 384)
- Dott Detmold (Dott detmold) (ID : 383)

GBFS

GBFS-Versionen: 2.3, 3.0

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

- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/system_information.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/vehicle_types.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/free_bike_status.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/system_pricing_plans.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/station_information.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/station_status.json
- https://mdd.gorheinland.com/gbfs-output/{Datenlieferanten ID}/{GBFS Version}/geofencing_zones.json

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
active	boolean	If a provider is active, the data for this provider is updated regularly. A value of "true" equals the state active.	
parentProvider	Provider	Provider belongs to this parent provider	
geofencingZones	[GeofencingZone]	Geofencing zones of this provider	
vehicles	[Vehicle]	Vehicles of this provider	
vehicleTypes	[VehicleType]	Vehicle types of this provider	
sharingStations	[SharingStation]	Sharing stations of this provider	
pricingPlans	[PricingPlan]	Pricing plans of this provider	
systemInformations	[SystemInformation]	System information of this provider	

GeofencingZone

Endpunkte: *listGeofencingZones*, *geofencingZoneById*

Beschreibung: Complex datatype for information about geofencing zones. Geofencing zones contain information about, for example, No-parking-Areas for vehicles of the corresponding provider.

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
name	String	Name of this geofencing zone	
coordinates	String	Coordinates representing a polygon covering the zone. The format can differ between providers.	{"type":"MultiPolygon","coordinates":[[[[[6,50], ...]]]} or {"centroid":{"type":"Point","coordinates":[6,50]}, "position":{"type":"Polygon","coordinates":[[[[[6,50],...]]]} or [[[[[6,50],...]]]

GeofencingZoneRule

Beschreibung: Complex datatype for information about rules in geofencing zones.

Attribut	Datentyp	Beschreibung	Beispiel
geofencingZone	GeofencingZone	The rules hold for this geofencing zone.	
rideAllowed	Boolean	“true” if a ride can start and stop in this zone.	
rideThroughAllowed	Boolean	“true” if a vehicle is allowed to pass the zone but cannot end the ride here.	
vehicleTypes	[VehicleType]	The geofencing zone is relevant for vehicles of these vehicle types. If no vehicle types are given the restrictions are relevant for all vehicle types of this provider.	
stationParking	Boolean	Can vehicles only be parked at stations within this zone?	

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	
status	<i>Status</i>	Current status of the vehicle	AVAILABLE
remainingRangeInM	Integer	Remaining range of vehicle in meters with current charge	
pricingPlan	PricingPlan	Pricing information for the corresponding vehicle	
isReserved	Boolean	“true” if the vehicle is currently reserved	
isDisabled	Boolean	“true” if the vehicle is currently disabled	
rentalUris	RentalUris	Rental URIs for Android, iOS and Web	
batteryPercentage	Integer	Current charge of battery or fuel level in percent	
lastReported	Date	The last time this station reported its status to the operator's backend.	2024-07-30T09:30:00Z

RentalUris

Beschreibung: Complex datatype for information about rental URIs for Android, iOS and Web

Attribut	Datentyp	Beschreibung	Beispiel
android	String	Rental URI for Android	
ios	String	Rental URI for iOS	

VehicleType

Endpunkte: *listeVehicleTypes*, *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
maxRangeMeters	Integer	Maximum range in meters this vehicle can travel when fully charged without refueling	4000
publicName	String	Public name of this vehicle type	
vehicleTypesAvailable	[VehicleTypesAvailability]	Number of available vehicles of a vehicleType at a sharingStation	
geofencingZoneRules	[GeofencingZoneRule]	Zone rules that apply to this vehicle type	

SharingStation

Endpunkte: *listSharingStations*, *sharingStationById*

Beschreibung: Complex datatype for information about sharing stations.

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 the provider	
name	String	Name of the sharing station	
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
isVirtualStation	Boolean	Is this station a location with smart dock technology?	
numBikesAvailable	Integer	Number of available vehicles of any type at the station	
isInstalled	Boolean	“true” if the station is currently on the street	
isRenting	Boolean	“true” if the station is currently renting vehicles	
isReturning	Boolean	“true” if the station is currently accepting vehicle returns	
lastReported	Date	The last time this station reported its status to the operator's backend	2024-07-30T09:30:00Z
vehicleTypesAvailable	Map(VehicleType, VehicleTypesAvailability)	Number of available vehicles of a vehicleType at a sharingStation	

PricingPlan

Endpunkte: *listPricingPlans*, *pricingPlanById*

Beschreibung: Complex datatype for information about pricing plans.

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	External id given by provider	
name	String	Name of the pricing plan	
currency	<i>PriceCurrency</i>	Currency used to pay the price	EUR
price	Double	Price in unit specified by currency	1.29
isTaxable	Boolean	Indicates whether additional tax will be added to the price	
description	String	Description	
perMinPricing	[PricingModel]	Additional price per time interval. The time interval length and the price per interval differ depending on the ride length.	

PricingModel

Beschreibung: Complex datatype for information about the pricing model for a ride. Pricing Models are either based on duration or distance.

Attribut	Datentyp	Beschreibung	Beispiel
start	Integer	The pricing model applies when start is reached.	0
rate	Double	Price per interval	0.22
interval	Integer	Interval length	1
end	Integer	The pricing model applies until end is reached. If no end is given the pricing model is applies indefinitely.	

SystemInformation

Endpunkte: *listSystemInformation*, *systemInformationById*

Beschreibung: Complex datatype for information about the system of a provider. A provider can have multiple systems with differing information. Contains for example contact details and language information.

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
systemId	String	External id given by provider	
language	String	Language of information by this provider	
name	String	Name of the system	
timezone	String	The timezone where the system is located	
rentalApps	RentalApps	Rental app information	

RentalApps

Beschreibung: Complex datatype for rental app information.

Attribut	Datentyp	Beschreibung	Beispiel
android	AppUri	Rental app information for android	
ios	AppUri	Rental app information for ios	

AppUri

Beschreibung: Complex datatype for app URI information.

Attribut	Datentyp	Beschreibung	Beispiel
discoveryUri	String	URI that can be used to discover if the rental app is installed on the device.	
storeUri	String	URI where the rental app can be downloaded from.	

VehicleTypesAvailability

Beschreibung: Complex datatype for the count of vehicles of a given type.

Attribut	Datentyp	Beschreibung	Beispiel
sharingStation	SharingStation	VehicleTypesAvailability applies for this sharing station.	
vehicleType	VehicleType	VehicleTypesAvailability applies for this sharing station.	
count	Integer	Number of vehicles of vehicleType available at sharing station	