

# Factsheet für GoFlux GTFS (ID : 343)

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.	
agencies	<b>[Agency]</b>	Agencies of this provider	
drivers	<b>[Driver]</b>	Drivers of this provider	
fareAttributes	<b>[FareAttribute]</b>	Fare attributes of this provider	
locations	<b>[Location]</b>	Locations of this provider	
rideSharingInfos	<b>[RideSharingInfo]</b>	RideSharingInfos of this provider	
routes	<b>[Route]</b>	Routes of this provider	
serviceCalendarDeviations	<b>[ServiceCalendarDeviation]</b>	ServiceCalendarDeviations of this provider	
shapes	<b>[Shape]</b>	Shapes of this provider	
stopTimes	<b>[StopTime]</b>	StopTimes of this provider	
trips	<b>[Trip]</b>	Trips of this provider	

## Agency

Endpunkte: *listAgencies, agencyById*

Beschreibung: Complex datatype for information about the agency of a provider. Providers can have multiple agencies.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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
agencyId	String	Id given by provider	
name	String	Name of the agency	
url	String	Url of the agency	
timeZone	String	Timezone where the agency is located	
routes	<b>[Route]</b>	Routes of this agency	

## Driver

Endpunkte: *listDrivers, driverById*

Beschreibung: Complex datatype for the driver.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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	
profileImageUrl	String	URL contains the profile picture	
rating	Integer	Rating of the driver. Values: [1-5]. 1 is the worst, 5 is the best. 0 or empty is not rated yet.	
trips	<b>[Trip]</b>	Trips with this driver	

## FareAttribute

Endpunkte: *listFareAttributes*, *fareAttributeById*

Beschreibung: Complex datatype for the fare attribute.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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
price	Float	Fare price, in the unit specified by currency	3
currency	<i>PriceCurrency</i>	Currency used to pay the fare	EUR
paymentMethod	<i>PaymentMethod</i>	Indicates when the fare must be paid.	
trip	<b>Trip</b>	The fare attribute applies to this trip.	

## 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	<b>Provider</b>	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	
name	String	Name of the location	
stopTimes	<b>[StopTime]</b>	Stop times at this location	

## RideSharingInfo

Endpunkte: *listRideSharingInfos*, *rideSharingInfoById*

Beschreibung: Complex datatype for the ride sharing info.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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
trip	<b>Trip</b>	Ride sharing information applies to this trip.	
numberFreeSeats	Integer	Number of free seats	
sameGender	Boolean	“true” if the trip is only for the same gender	
smoking	Boolean	“true” if smoking is allowed	
externalCreationDate	Date	Date when trip was created at the provider	2024-01-07 06:00:00
carModel	String	Model of the car	
carBrand	String	Brand of the car	

## Route

Endpunkte: *listRoutes*, *routeById*

Beschreibung: Complex datatype for the route.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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	
agency	<b>Agency</b>	Agency of the route	
shortName	String	Short name of the route	
name	String	Name of the route	
type	<i>RouteType</i>	Indicates the type of transportation used on a route	STREET_RAIL
trips	<b>[Trip]</b>	Trips of this route	

## ServiceCalendarDeviation

Endpunkte: *listServiceCalendarDeviations*, *serviceCalendarDeviationById*

Beschreibung: Complex datatype for the service calendar deviation.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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
date	Date	Date for which the deviation applies	2024-06-06 00:00:00
exceptionType	<i>ServiceExceptionType</i>	The type of deviation	OFFERED or CANCELED
serviceId	String	Service id	
trips	<b>[Trip]</b>	Trips for which this service calendar deviation applies	

## Shape

Endpunkte: *listShapes*, *shapeById*

Beschreibung: Complex datatype for the shape.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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	
coordinatesSequential	String	Coordinates for this shape in sequential order	[[7.1,51.1],[7.2,51.1],[7.2,51.2],[7.1,51.2],[7.1,51.1]]
trips	<b>[Trip]</b>	Trips for which the vehicle travels along the shape described here	

## StopTime

Endpunkte: *listStopTimes*, *stopTimeById*

Beschreibung: Complex datatype for the stop time.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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
trip	<b>Trip</b>	The stop time applies to this trip at the specified location.	
arrivalTime	String	Arrival time at the location for the specified trip in Format HH::MM:SS. For times occurring after midnight on the service day, the times are greater than 24:00:00.	27:15:00
departureTime	String	Departure time at the location for the specified trip in Format HH::MM:SS. For times occurring after midnight on the service day, the times are greater than 24:00:00.	27:15:00
location	<b>Location</b>	The stop time applies to this location and the specified trip.	
locationSequence	Integer	Order of stops, location groups, or GeoJSON locations for a particular trip.	



## Trip

Endpunkte: *listTrips*, *tripById*

Beschreibung: Complex datatype for the trip.

Attribut	Datentyp	Beschreibung	Beispiel
id	Long	The id is a unique identifier within the same class.	5179
provider	<b>Provider</b>	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	
route	<b>Route</b>	Trip belongs to this route	
shape	<b>Shape</b>	Identifies a geospatial shape describing the vehicle travel path for a trip	
isWheelchairBoarding	<i>TakeAway</i>	Indicates wheelchair accessibility	AT_LEAST_ONE
bikesAllowed	<i>TakeAway</i>	Indicates whether bikes are allowed	NOT_AVAILABLE
driver	<b>Driver</b>	Driver for this trip	
tripUrl	String	URL of a web page about the particular trip	
serviceCalendarDeviations	<b>[ServiceCalendarDeviation]</b>	Identifies a set of dates when service is available. This is only used, when no serviceCalendar is given. If a service calendar is given, the deviations can be accessed via the service calendar.	
stopTimes	<b>[StopTime]</b>	Stop times of this trip	
rideSharingInfo	<b>RideSharingInfo</b>	Additional ride sharing information	