



*Federal Public Service
Mobility and Transport*

DIV – Expose Data
Specifications API-Service
Request Registered Titular Info v1

Inhoud

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Document history

Revisions

v1	12/2019	Base version	

Related documents

DataContract	DIV Expose Data - API-Service DataContract *	List of exposed attributes
Technical	DIV Expose Data – OpenAPI -specifications Service RegistrationsTitular	

1 Introduction

This document contains the functional specifications for the API-service 'Request Registered Titular' within the service inventory of DIV Expose Data.

The specifications are based on requirements derived from the AS-IS interfaces and to fully support the functionality of the AS-IS.

Functionality

This service does expose **titular-focused data**, related to a registration. It allows requesting information of registration related titulars (persons and organizations) and some attributes of registration- and vehicle-data.

The request will occur based on a plate number or a vehicle identification number, and a date.

Technology

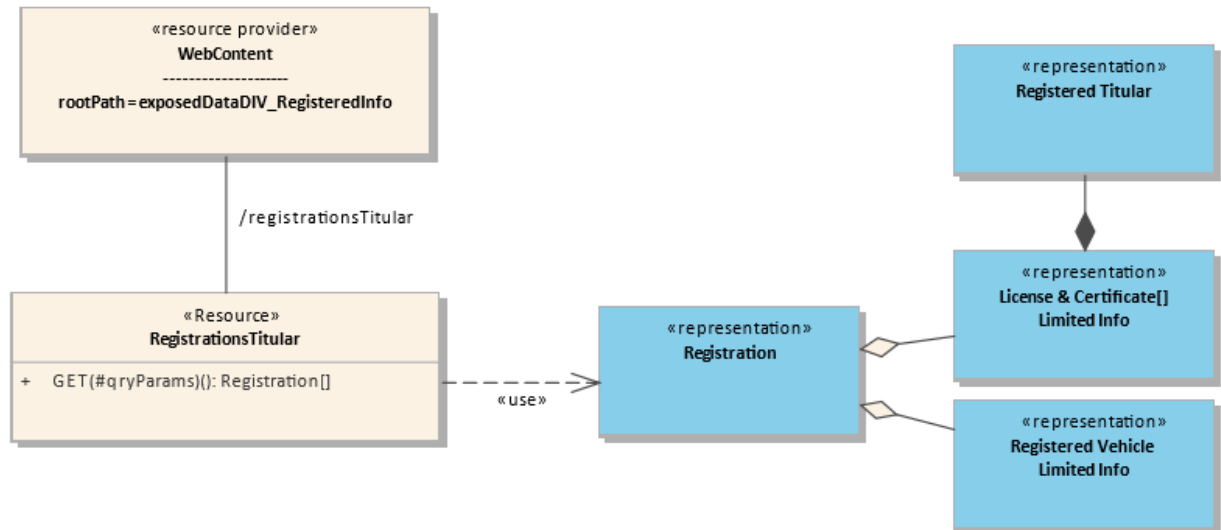
The service is implemented based on REST-standards. It will return data in JSON-format.

2 Service Interface Description

2.1 Authentication

See the requirements document, paragraph 'API-Services & Authentication'.

2.2 API-model



Available URI's		Remarks
/registrationsTitular		Available URI
Resource	Description	
RegistrationsTitular	This resource combines data from the different sub data-domains: license, certificate, registered titular and registered vehicle.	

2.3 Operations

This section describes the available URI's.

URI	Description
GET /registrationsTitular?plateNr={plateNr}	Returns data of registered information based on the passed plate number
GET /registrationsTitular?vin={vin}	Returns data of registered information based on the passed query parameters
GET /registrationsTitular?vin={vin}&unifier={unifier}	

2.4 Query Parameters (input data)

Parameter name	Description
plateNr (*)	The plate number.
vin (*)	The Vehicle Identification Number of the vehicle.
unifier	The unifier which, in combination with the VIN, makes the identification of the vehicle 100% unique.
nationalId (*) (**)	The unique identifier of a natural person (RR/RN)
companyNr (*) (**)	The unique identifier of an organisation (KBO/BCE)

date	The date for which the data is requested, in other words the situation on that date. When a date has not been specified, data based on the actual situation will be returned.
languageCode	The language for which the information, related reference-descriptions, should be returned. When not specified the description will be returned based on the default language (probably English).

(*) **at least one query parameter should be specified.**

(**) **only allowed when the parameter has been specified as attribute in the protocol.**

2.5 Returned value (output data)

2.5.1 Data

Refer to the extension document 'DataContract' appropriate for the stakeholder

2.5.2 Return and error codes

Refer to the OpenAPI-specifications 'Registered Titular'

2.6 Rules

Rule	Description
All attributes	Only added when allowed to receive following the protocol. Attributes will be filtered (eliminated) from the result based on the protocol defined for the requestor.
Attributes titular.person	Only added when titular-type is a natural person
Attributes titular.organisation	Only added when titular-type is a moral person
Attributes titular.address	In case of a natural person and the nationalId can be exposed, the address-attributes will not be exposed. In case the nationalId will not be exposed, the address-attributes will be exposed including the date and the source of the address' last update. For an organisation the address-attributes always will be exposed.

3 Some scenario's

	Scenario	URI	Remarks
1	Get the current registered titular information based on the plate number	<code>/registrationsTitular?plateNr={plateNr}</code> Example : <code>/registrationsTitular?plateNr=1GFW704</code>	The language should be passed as a header parameter
2.1	Get the current registered titular information based on the vehicle identification number	<code>/registrationsTitular?vin={vin}</code> Example : <code>/registrationsTitular?vin=WVWMA63B0WE1513ER</code>	Can return multiple entries
2.2	Get the current registered titular information based on the vehicle identification number	<code>/registrationsTitular?vin={vin}&unifier={unifier}</code> Example : <code>/registrationsTitular?vin=WVWMA63B0WE1513ER&unifier=01</code>	
3	Get the registered titular information at a moment in the past based on the plate number and a date	<code>/registrationsTitular?plateNr={plateNr}&date={date}</code> Example : <code>/registrationsTitular?plateNr=1GFW704&date=2019-05-02</code>	
4	Get the registered titular information at a moment in the past based on the vehicle identification number and a date	<code>/registrationsTitular?vin={vin}&date={date}</code> Example : <code>/registrationsTitular?vin=WVWMA63B0WE151303&date=2019-05-02</code>	