DIV – Expose Data

Specifications API-Service

Request Registered Vehicle Info v1

Inhoud

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 Vehicles	

1 Introduction

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

The specifications are based on requirements <u>derived from the AS-IS interfaces</u> to fully support the functionality of the AS-IS.

Functionality

This service does expose vehicle administrative- and related technical-data.

The request will occur based on the vehicle identification number and related unifier.
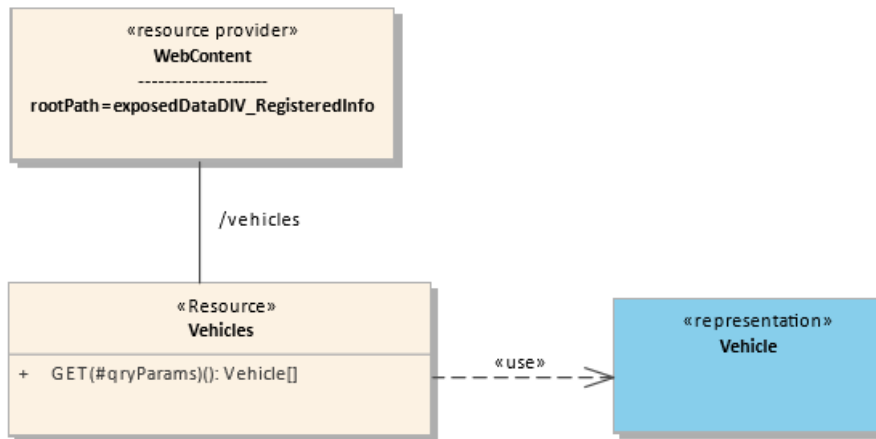
Technology

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		Description
/vehicles		Available URI towards resource vehicles
Resource	**Description**	
Vehicles	This resource contains data from the vehicle domain	

2.3 Operations

This section describes the available URI's.

URI	Description
GET /vehicles?vin={vin}	Returns the actual registered vehicle data for the requested VIN
GET /vehicles?vin={vin}&unifier={unifier}	Returns the actual registered vehicle data for the requested VIN and unifier

2.4 Query Parameters (input data)

Parameters content	Description
vin (*)	The vehicle identification number
unifier	The unifier which, in combination with the VIN, makes the identification of the vehicle unique.
languageCode	The language for which the information, related reference-descriptions, should be returned. When not passed it will be the default language. Only available for the service registrations.

(*) **Rule**: at least the vin should be specified.

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 service 'Vehicles'

2.6 Rules

Rule	Description
Filter attributes	Only attributes will be exposed following the protocol defined for the requestor.

3 Some scenario's

	Scenario	URI	Remarks
1.1	Get registered vehicle data based on the vin	/vehicles?vin={vin} Example: /vehicles?vin=WVWMA63B0WE151303	The language should be passed as a header parameter
1.2	Get registered vehicle data based on the vin and unifier	/vehicles?vin={vin}&unifier={unifier} Example: /vehicles?vin=WVWMA63B0WE151303&unifier=1	