Federale Overheidsdienst Mobiliteit en Vervoer
Service public fédéral Mobilité et Transports

Driver Licence
Webservice description

Consultation of current driver licences of 1 person

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1. OVERVIEW

For the consultation of the current (temporary) driver licence(s) from 1 person, FPS Mobility & Transports provides 2 webservices.
One webservice which returns a list of driver licences from that person. The list contains a limited set of data per driver licence, mainly identifiers.
Another webservice which returns all necessary details about a certain driver licence and the necessary titular data to identify the owner of that driver licence.

For titular data, however, we are not the authentic source, thus we cannot guarantee the quality of data. However, titular data are verified with the National Registry at every transaction we execute at the FPS.

2. WSEListDrivLicVxx

The xx in the name should be replaced with the current version number of the webservice (eg. WSEListDrivLicV01).

2.1.   IMPORTS:

The WSEListDrivLicVxx webservice takes as import parameters the national number of the owner of the driver licence and the language code of the user. The language code of the user should be provided so any codes or labels can be presented in the correct language. (1-français, 2-nederlands, 3-deutsch).
Audit logging information is also required before a successful response can be given.

import i_dl_access_audit			
request_id	String	20	Mandatory
request_timestamp	String	20	Mandatory
user_national_id	String	11	Optional*
user_id	String	0-64	Optional*
organisation_company_id	String	10	Mandatory
organisation_id	String	0-64	Optional*
target_organisation_company_id	String	10	Mandatory
target_organisation_id	String	1-64	Mandatory
import i_keys			
national_id	String	11	Mandatory
language_code	Integer	1	Mandatory

* Although these fields are marked optional, it is important that they are correctly filled in. In some cases these fields are allowed to be empty. In most cases, however, they should be filled in to ensure correct access auditing.

2.2.   EXPORTS:

The webservice gives as export a restricted set of details about each driver licence in the list. The set of details is composed of the primary key of each driver licence and some additional details which may be of use in a list.
The export also contains the audit logging information which was given in the import. If something went wrong during the listing process or the imports are incomplete or inconsistent, the export i_message is filled with an appropriate message.

export i_dl_access_audit		
request_id	String	20
request_timestamp	String	20
user_national_id	String	11
user_id	String	0-64
organisation_company_id	String	10
organisation_id	String	0-64
target_organisation_company_id	String	10
target_organisation_id	String	1-64
export i_keys		
national_id	String	11
language_code	Integer	1
export i_message		
message	String	80
grp_exp_driver_licence (10)		
exp_grp i_driver_licence		
dl_number	String	1-22
issue_country_code	String	3
delivery_date	Date	8
dl_end_date	Date	8
transaction_code	String	2
transaction_motive	String	2
model	String	2
national_id	String	11

3. WSEConsultDrivLicVxx

The xx in the name should be replaced with the current version number of the webservice (eg. WSEConsultDrivLicV02).

3.1. IMPORTS:

The WSEConsultDrivLicVxx webservice takes as import parameters the Driver Licence number in combination with the country code in which that driver licence was issued. These two data elements form the key for a certain driver licence. They are provided through the listing webservice.
The language code of the user should be provided so any codes or labels can be presented in the correct language. (1-français, 2-nederlands, 3-deutsch)
Audit logging information is also required before a successful response can be given.

import i_dl_access_audit			
request_id	String	20	Mandatory
request_timestamp	String	20	Mandatory
user_national_id	String	11	Optional*
user_id	String	0-64	Optional*
organisation_company_id	String	10	Mandatory
organisation_id	String	0-64	Optional*
target_organisation_company_id	String	10	Mandatory
target_organisation_id	String	1-64	Mandatory
import i_keys			
dl_number	String	1-22	Mandatory
dl_country_code	String	3	Mandatory
language_code	Number	1	Mandatory

* Although these fields are marked optional, it is important that they are correctly filled in. In some cases these fields are allowed to be empty. In most cases, however, they should be filled in to ensure correct access auditing.

3.2. EXPORTS:

The webservice gives as export the full set of details about the specified driver licence. Also provided is a restricted set of details about the owner of the driver licence.
The export also contains the audit logging information which was given in the import. If something went wrong during the listing process or the imports are incomplete or inconsistent, the export i_message is filled with an appropriate message.

export i_dl_access_audit		
request_id	String	20
request_timestamp	String	20
user_national_id	String	11
user_id	String	0-64
organisation_company_id	String	10
organisation_id	String	0-64
target_organisation_company_id	String	10
target_organisation_id	String	1-64
export i_keys		
dl_number	String	1-22
dl_country_code	String	3
language_code	Number	2
export i_message		
message	String	80
export i_titular		
national_id	String	11
last_name	String	0-160
first_name_1	String	0-50
first_name_2	String	0-50
first_name_3	String	0-50
birth_date	Date	8
birth_place	String	0-100
export i_driver_licence		
dl_number	String	1-22
issue_country_code	String	3
transaction_code	String	2
transaction_code_label	String	0-50
transaction_motive	String	2
transaction_motive_label	String	0-50
model	String	2
model_label	String	0-50
delivery_date	Date	8

modification_date	Date	8
nis_number	String	5
city_name	String	0-32
dl_end_date	Date	8
retribution	Integer	5
foreign_place_of_delivery	String	0-25
orig_country_of_delivery_code	String	3
orig_country_of_delivery_label	String	0-30
paid_transport	String	1
paid_transport_until_date	Date	8
creation_date	Date	8
last_update	String	20
grp_exp_category (25)		
exp_grp i_licence_category		
category	String	4
issue_country_code	String	3
begin_date	Date	8
end_date	Date	8
grp_exp_restriction (200)		
exp_grp i_category_restriction		
category	String	4
code	Number	3
sub_code	String	2
remark	String	0-40
restriction_label	String	0-30
grp_exp_paid_transport_restricti (25)		
exp_grp i_paid_transport_restriction		
code	Number	3
sub_code	String	2
remark	String	0-40
restriction_label	String	0-30

Notion about paid transport (bezoldigd vervoer/transport rémunéré)

Since the introduction of the new driver licence model (plastic card), some changes were made to the paid transport. Older models (paper format) indicated paid transport by using categories A-V, AV, BV, BEV. New model driver licences only have an indicator for paid transport with an end date.
This webservice treats old models as well as new models, which means that several different ways of representing paid transport are possible:

- Driver licence has V-categories (A-V, AV, BV, BEV):
  - V-categories are valid:
    paid_transport: Y
    paid_transport_until_date: empty
    V-categories will appear in the category group with their respective end date. If there are restrictions on these V-categories they will appear in the category restriction group.
  - V-categories are NOT valid:
    paid_transport: N
    paid_transport_until_date: empty
    V-categories will appear in the category group with their respective end date (not valid). If there are restrictions on these V-categories they will appear in the category restriction group.
- Driver licence has paid transport (But no old V-categories):
  paid_transport: Y
  paid_transport_until_date: date until which paid transport is valid
  No V-categories will be present. If paid transport has restrictions, these restrictions will appear in the group "paid transport restriction".
- Driver licence has no paid transport:
  paid_transport: N
  paid_transport_until_date: empty

4. Access auditing

We have implemented a standard audit trail for all of our webservices, which permits us to audit all accesses to data in the authentic source Driver Licences. For this audit trail we deliver the description below. A detailed example will be provided in a separate document.

The data of the audit trail are used in all input and output of our webservices and webclients. Depending on the type of webservice and connection, some attributes are optional.

Name	M/O	Length	Type	Description
AuditLog				
Request Id	M	20	A	A unique identifier for the request. This identifier must be unique (within your organisation) and will be used when requesting info from your organisation after an audit.
Request Timestamp	M	20	A	The timestamp of the request. Format YYYYMMDDHHMISSNNNNNN
User National Id	M/O	11	A	In case of usage of this field, the national_id of the user is given. Either this field or the following must be filled.
User Id	M/O	64	A,V	A string that uniquely identifies the user who does the request. Must be filled in case of not using the previous field.
Organisation Company Id	M	10	A	The Company ID (=KBO/BCE number) of the organisation/commune making the request.
Organisation Id	O	64	A,V	A string that uniquely identifies the organisation/commune that does the request. (Name of company or commune)
Target Organisation Company Id	M	10	A	The Company ID (=KBO/BCE number) of the commune for which the request is done.
Target Organisation Id	M	64	A,V	A string that uniquely identifies the commune for which the request is done. (NIS/INS number)

Legend:
M: Mandatory
O: Optional
A: Alphanumeric
V: Variable