

Dokumentation FIN-Datenbank API

Stand: 23.04.2021

Folgend finden Sie eine Beschreibung der Schnittstelle (API) zur FIN-Datenbank, um mit Ihrem System Daten abfragen zu können.

Fin-DB API Dokumentation

Damit Ihre API-Suche funktioniert, müssen Sie in unserem System freigeschaltet sein. Sie bekommen einen extra Schlüssel. Dieser Schlüssel ist ausschließlich für die Verwendung mit der Fin-DB API gültig. Sie können sich damit *nicht* Einloggen, Ihr Passwort wiederherstellen oder die Datenbank als CSV exportieren.

URL Parameter

- **company_id**: positive numerische Zahl
- **key**: 16 alphanummerische Stellen [a-zA-Z0-9], Großkleinschreibung wird unterschieden
- **q**: der Suchstring, Entweder FIN oder KFZ-Kennzeichen, maximal 17 Zeichen, Großkleinschreibung wird nicht unterschieden
- **format**: optional 'json' oder 'xml'. Standardmäßig wird XML zurück geliefert.

Beispiel Aufruf

```
https://demo.fin-datenbank.de/api/search/company_id/1234/key/123456abcdeABCDE/q/B-CD123/format/xml
```

Alternative Schreibweise:

```
https://demo.fin-datenbank.de/api/search?company_id=1234&key=123456abcdeABCDE&q=B-CD123&format=xml
```

Attribute

Feld	Typ	Länge	Bem.
vin	STRING	17	
registration_plate	STRING	10	
superstructure_number	STRING	26	
holder_number	STRING	26	
date_of_first_registration	STRING	10	tt.mm.jjjj
manufacturer_aux	STRING	126	
vehicle_type	STRING	36	
vehicle_superstructure_type	STRING	33	
vehicle_type_of_drive	STRING	29	
vehicle_pollutant_category	STRING	6	
superstructure_manufacturer	STRING	128	
weight_unit	STRING	3	'kg'/'lbs'
weight_empty	UNSIGNED INT	6	
weight_payload	UNSIGNED INT	6	
gawr_fr	UNSIGNED INT	6	
gawr_rr	UNSIGNED INT	6	
gawr_aux	UNSIGNED INT	6	
cert_number	STRING	64	
cert_code	STRING	46	
valid_until	STRING	10	tt.mm.jjjj

issue_date	STRING	10	tt.mm.jjjj
inspector	STRING	258	2x128 + 2
inspection_organisation	STRING	64	
config_info	STRING	255	
config_info_id	UNSIGNED INT	10	
payload_array	STRING	122	"CSV"
company	STRING	128	
address_inline	STRING	518	4x128 + 6
<i>street</i>	<i>STRING</i>	<i>128</i>	
<i>zip</i>	<i>STRING</i>	<i>128</i>	
<i>city</i>	<i>STRING</i>	<i>128</i>	
<i>country</i>	<i>STRING</i>	<i>128</i>	
phone_number	STRING	34	26 + 8
<i>country</i>	STRING	4	
<i>area</i>	STRING	6	
<i>number</i>	STRING	16	
swap_bodies	XML-Node		<i>alle Feldattribute</i>

Fehler

Eine Fehlerantwort hat die folgende Struktur:

```
<xml>
  <result>
    <error>No Item found</error>
    <code>404</code>
  </result>
</xml>
```

Mögliche Fehler

- 401 - Unauthorized (Authentication not possible)
- 404 - No Item found
- 500 - Internal Server Error (Query Parameter q is missing, Requested output format is not supported)

Beispiel Antwort

Als XML Antwort

URL:

https://demo.fin-datenbank.de/api/search/company_id/3/key/zNyVOoSC42eo17IZ/q/IF-GB2/format/XML

Antwort:

```
<xml>
  <result>
    <vin>WMAH06ZZX8W097162</vin>
    <registration_plate>IF-GB2</registration_plate>
    <date_of_first_registration>31.10.2010</date_of_first_registration>
    <manufacturer_aux/>
    <vehicle_type>Zugmaschine</vehicle_type>
    <vehicle_superstructure_type/>
    <vehicle_type_of_drive>Diesel</vehicle_type_of_drive>
    <vehicle_pollutant_category>Euro 5</vehicle_pollutant_category>
    <superstructure_manufacturer/>
    <weight_unit>kg</weight_unit>
    <weight_empty>7650</weight_empty>
    <weight_payload>10350</weight_payload>
    <gawr_fr>7500</gawr_fr>
    <gawr_rr>11500</gawr_rr>
    <gawr_aux>0</gawr_aux>
    <cert_number/>
    <cert_code/>
    <valid_until/>
    <issue_date/>
    <inspector/>
    <inspection_organisation/>
    <config_info/>
    <payload_array/>
    <company>IFGB Berlin e.V.</company>
    <address_inline>Seestr. 13, DE-13353 Berlin, Berlin</address_inline>
    <phone_number>+49 (0) 30 / 45080239</phone_number>
```

```
</result>
</xml>
```

URL:

https://demo.fin-datenbank.de/api/search?company_id=3&key=zNyVOoSC42eo17IZ&q=B-LB124&format=xml

Antwort:

```
<xml>
  <result>
    <vin>WSM00000003070987</vin>
    <registration_plate>B-LB124</registration_plate>
    <superstructure_number/>
    <holder_number/>
    <date_of_first_registration>31.10.2010</date_of_first_registration>
    <manufacturer_aux/>
    <vehicle_type>Auflieger, Sattelaufleger</vehicle_type>
    <vehicle_superstructure_type>Curtainsider/
Schiebeplanenaufbau</vehicle_superstructure_type>
    <vehicle_type_of_drive>Diesel</vehicle_type_of_drive>
    <vehicle_pollutant_category>Euro 5</vehicle_pollutant_category>
    <superstructure_manufacturer>Schmitz Cargobull AG</superstructure_manufacturer>
    <weight_unit>kg</weight_unit>
    <weight_empty>7396</weight_empty>
    <weight_payload>25014</weight_payload>
    <gawr_fr>27000</gawr_fr>
    <gawr_rr>0</gawr_rr>
    <gawr_aux>0</gawr_aux>
    <cert_number>Beispiel</cert_number>
    <cert_code>DIN EN 12642 Code XL geeignet für Getränke</cert_code>
    <valid_until>31.01.2014</valid_until>
    <issue_date>01.01.2013</issue_date>
    <inspector/>
    <inspection_organisation/>
    <config_info/>
    <config_info_id/>
    <payload_array>Kastenware, PU Fässer, Stahlfässer</payload_array>
    <company>Einzelunternehmer</company>
    <address_inline>Straße 1, DE-13353 Berlin, Berlin</address_inline>
    <phone_number>--</phone_number>
  </result>
</xml>
```

Als JSON Antwort

URL:

https://demo.fin-datenbank.de/api/search/company_id/3/key/zNyVOoSC42eo17IZ/q/IF-GB2/format/json

Antwort:

```
{
  "result":
  {
    "vin": "WMAH06ZZX8W097178",
    "registration_plate": "IF-GB2",
    "superstructure_number": "",
    "holder_number": "",
    "date_of_first_registration": "31.10.2010",
    "manufacturer_aux": "",
    "vehicle_type": "Zugmaschine",
    "vehicle_superstructure_type": "",
    "vehicle_type_of_drive": "Diesel",
    "vehicle_pollutant_category": "Euro 5",
    "superstructure_manufacturer": "",
    "weight_unit": "kg",
    "weight_empty": "7650",
    "weight_payload": "10350",
    "gawr_fr": "7500",
    "gawr_rr": "11500",
    "gawr_aux": "0",
    "cert_number": "",
    "cert_code": "",
    "valid_until": null,
    "issue_date": null,
    "inspector": "",
    "inspection_organisation": "",
    "config_info": "",
    "config_info_id": "",
    "payload_array": "",
    "company": "IFGB Berlin e.V.",
    "address_inline": "Seestr. 13, DE-13353 Berlin, Berlin",
    "phone_number": "+49 (0) 30 V 45080239"
  }
}
```

Weitere Beispiele

URL:

https://demo.fin-datenbank.de/api/search/company_id/3/key/zNyVOoSC42eo17IZ/q/IF-GB1

Antwort:

<xml>

```
<result>
  <vin>WSM00000003156124</vin>
  <registration_plate>IF-GB1</registration_plate>
  <superstructure_number/>
  <holder_number/>
  <date_of_first_registration>31.10.2010</date_of_first_registration>
  <manufacturer_aux>Sonderplane</manufacturer_aux>
  <vehicle_type>Auflieger, Sattelaufleger</vehicle_type>
  <vehicle_superstructure_type>Curtainsider/ Schiebeplanenaufbau
</vehicle_superstructure_type>
  <vehicle_type_of_drive></vehicle_type_of_drive>
  <vehicle_pollutant_category></vehicle_pollutant_category>
  <superstructure_manufacturer>Schmitz Cargobull AG</superstructure_manufacturer>
  <weight_unit>kg</weight_unit>
  <weight_empty>6630</weight_empty>
  <weight_payload>29370</weight_payload>
  <gawr_fr>27000</gawr_fr>
  <gawr_rr>0</gawr_rr>
  <gawr_aux>0</gawr_aux>
  <cert_number>LS0805260Z1</cert_number>
  <cert_code>DIN EN 12642 Code XL geeignet für Getränke</cert_code>
  <valid_until>31.08.2012</valid_until>
  <issue_date>02.03.2012</issue_date>
  <inspector>Manter, Jens</inspector>
  <inspection_organisation>TÜV NORD</inspection_organisation>
  <config_info>einlagig: 3x M.-rungen => 3 Alulatten, 5x M.-rungen => 1 Holz-/ Alulatten
// zweilagig: 3x M.-rungen => 4 Alulatten, 5x M.-rungen => 2 Holz-/ Alulatten, Fassware s.
VLB Handblatt</config_info>
  <config_info_id>5</config_info_id>
  <payload_array>Kastenware, PU Fässer, Leergut doppelstock, Kastenware
doppelstock</payload_array>
  <company>IFGB Berlin e.V.</company>
  <address_inline>Seestr. 13, DE-13353 Berlin, Berlin</address_inline>
  <phone_number>+49 (0) 30 / 45080239</phone_number>
</result>
</xml>
```

URL:

https://demo.fin-datenbank.de/api/search/company_id/3/key/zNyVOoSC42eo17IZ/q/VL-B104

Antwort:

```
<xml>
  <result>
```

```
<vin>WMAH06ZZX8W097162</vin>
<registration_plate>VL-B104</registration_plate>
<superstructure_number/>
<holder_number/>
<date_of_first_registration>31.10.2010</date_of_first_registration>
<manufacturer_aux/>
<vehicle_type>LKW mit austauschbarem Ladungsträger</vehicle_type>
<vehicle_superstructure_type/>
<vehicle_type_of_drive>Diesel</vehicle_type_of_drive>
<vehicle_pollutant_category>Euro 5</vehicle_pollutant_category>
<superstructure_manufacturer/>
<weight_unit>kg</weight_unit>
<weight_empty>7650</weight_empty>
<weight_payload>15750</weight_payload>
<gawr_fr>7500</gawr_fr>
<gawr_rr>19000</gawr_rr>
<gawr_aux>0</gawr_aux>
<cert_number/>
<cert_code/>
<valid_until/>
<issue_date/>
<inspector/>
<inspection_organisation/>
<config_info/>
<config_info_id/>
<payload_array/>
<company>VLB Berlin e.V.</company>
<address_inline>Seestr. 13, DE-13353 Berlin, Berlin</address_inline>
<phone_number>+49 (0) 30 / 45080239</phone_number>
<swap_bodies>
  <vin>#####123456</vin>
  <registration_plate/>
  <superstructure_number>07-80850</superstructure_number>
  <holder_number>V-01</holder_number>
  <date_of_first_registration>27.01.2014</date_of_first_registration>
  <manufacturer_aux/>
  <vehicle_type>Wechselbrücke</vehicle_type>
  <vehicle_superstructure_type>Schwenkwandaufbau</vehicle_superstructure_type>
  <superstructure_manufacturer>Fahrzeugbau BAMAG GmbH
  </superstructure_manufacturer>
  <weight_unit>kg</weight_unit>
  <weight_empty>1000</weight_empty>
  <weight_payload>1000</weight_payload>
  <gawr_fr>0</gawr_fr>
  <gawr_rr>0</gawr_rr>
  <gawr_aux>0</gawr_aux>
```



```
<cert_number/>
<cert_code/>
<valid_until/>
<issue_date/>
<inspector/>
<inspection_organisation/>
<config_info/>
<config_info_id/>
<payload_array/>
<company>VLB Berlin e.V.</company>
<address_inline>Seestr. 13, DE-13353 Berlin, Berlin</address_inline>
<phone_number>+49 (0) 30 / 45080239</phone_number>
</swap_bodies>
<swap_bodies>
  <vin/>
  <registration_plate/>
  <superstructure_number>07-800849</superstructure_number>
  <holder_number>VL-123</holder_number>
  <date_of_first_registration>01.01.2014</date_of_first_registration>
  <manufacturer_aux/>
  <vehicle_type>Wechselbrücke</vehicle_type>
  <vehicle_superstructure_type>Curtainsider/ Schiebepanenaufbau
</vehicle_superstructure_type>
  <superstructure_manufacturer>Kögel Trailer GmbH & Co. KG
</superstructure_manufacturer>
  <weight_unit>kg</weight_unit>
  <weight_empty>2250</weight_empty>
  <weight_payload>13750</weight_payload>
  <gawr_fr>0</gawr_fr>
  <gawr_rr>0</gawr_rr>
  <gawr_aux>0</gawr_aux>
  <cert_number>LS1204201Z1</cert_number>
  <cert_code>DIN EN 12642 Code XL geeignet für Getränke</cert_code>
  <valid_until>30.06.2013</valid_until>
  <issue_date>06.06.2001</issue_date>
  <inspector>Remmert, Gerhard</inspector>
  <inspection_organisation>TÜV NORD</inspection_organisation>
  <config_info/>
  <config_info_id/>
  <payload_array>Kastenware, PU Fässer</payload_array>
  <company>VLB Berlin e.V.</company>
  <address_inline>Seestr. 13, DE-13353 Berlin, Berlin</address_inline>
  <phone_number>+49 (0) 30 / 45080239</phone_number>
</swap_bodies>
</result>
</xml>
```


Kontakt

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