



DepotDataService-Public_1_0 Web Service Reference

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Methods

Following methods are available for the service DepotDataService-Public_1_0

<i>Method name</i>	<i>Description</i>
getDepotData	Get the depot data for a country and a zip code or a depot number.

Method: getDepotData

Description

Get the depot data for a country and a zip code or a depot number.

Sample request:

SOAP:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://dpd.com/common/service/types/Authentication/2.0"
xmlns:ns1="http://dpd.com/common/service/types/DepotDataService/1.0">
  <soapenv:Header>
    <ns:authentication>
      <delisId>your delisId</delisId>
      <authToken>your authToken</authToken>
      <messageLanguage>en_EN</messageLanguage>
    </ns:authentication>
  </soapenv:Header>
  <soapenv:Body>
    <ns1:getDepotData>
      <country>DE</country>
      <depot>0163</depot>
      <zipCode>63741</zipCode>
    </ns1:getDepotData>
  </soapenv:Body>
</soapenv:Envelope>
```

REST:

URL: <server:port><path>/DepotDataService/V1_0/getDepotData

JSON data for POST request (for GET request data has to be sent with parameter "request" and for JSONP with parameter "jsonpcallback" to obtain a padding function name):

```
{ "authentication" : {
  "delisId" : "<your delisId>",
  "authToken" : "<your authToken>",
  "messageLanguage" : "en_EN"
},
  "getDepotData" : {
    "country" : "DE",
    "depot" : "0163"
  }
}
```

REST result without error:

```
{
  "getDepotDataResponse": {"DepotData": {
    "depot": "0163",
    "name": "DPD GeoPost (Deutschland) GmbH u. Co. KG",
    "street": "Auhofstr. 25",
    "country": "DE",
    "zipCode": "63741",
    "city": "Aschaffenburg",
    "phone": "1805 373 200",
    "fax": "",
    "email": "Zentrale@depot163.dpd.de"
  }},
  "status": {
    "type": "OK",
    "code": "200",
    "message": "valid"
  }
}
```

REST result if an error occurred:

```
{"status": {
  "type": "DataFault",
  "code": "<Error code, e.g.DEPOTDATA_MISMATCH_DEPOT_FOR_ZIP_CODE>",
  "message": "<Error message, e.g. Depot number determined by zip code and input parameter are not equal>"
}}
```

Additional REST state on system error:

Error-Code: 100
Error-Type: SystemFault
Error-Message: <Message describing the error>

Action

<http://dpd.com/common/service/DepotDataService/1.0/getDepotData>

Input

The input for method getDepotData is as follows:

<i>Name</i>	<i>Element</i>
authentication *	types_authentication:authentication
parameters	types:getDepotData

* header parameter

Output

The output for method getDepotData is as follows:

<i>Name</i>	<i>Element</i>
parameters	types:getDepotDataResponse

Faults

The defined faults for method getDepotData are as follows:

<i>Name</i>	<i>Element</i>
authenticationFault	types_authentication:authenticationFault
systemFault	types:systemFault
dataFault	types:dataFault

Complex Types

Namespace: types

URL: <http://dpd.com/common/service/types/DepotDataService/1.0>

Namespace: types

Complex Type: DataFault

Description

Is thrown if a data fault occurs.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
errorCode	xsd:string / 1 .. 1 / minLength: 1 maxLength: 4	Error code.
errorMessage	xsd:string / 1 .. 1 / minLength: 1 maxLength: 255	Error message text.

Namespace: types

Complex Type: DepotData

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
depot	xsd:string / 0 .. 1 / minLength: 3 maxLength: 4	The depot.
name	xsd:string / 0 .. 1 /	The company name of the depot.
street	xsd:string / 0 .. 1 /	The street name and house number of the depot.
country	xsd:string / 0 .. 1 /	The full country name, e.g. "Deutschland" for Germany.
zipCode	xsd:string / 0 .. 1 /	The zip code of the depot.
city	xsd:string / 0 .. 1 /	The city of the depot.
phone	xsd:string / 0 .. 1 /	The phone number of the depot.
fax	xsd:string / 0 .. 1 /	The fax number of the depot.
email	xsd:string / 0 .. 1 /	The email address of the depot.

Namespace: types

Complex Type: Fault

Description

The data structure for error data.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
errorCode	xsd:string / 1 .. 1 / minLength: 1 maxLength: 4	Error code.
errorMessage	xsd:string / 1 .. 1 / minLength: 1 maxLength: 255	Error message text.

Namespace: types

Complex Type: SystemFault

Description

Is thrown if an internal system fault occurs.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
errorCode	xsd:string / 1 .. 1 / minLength: 1 maxLength: 4	Error code.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
errorMessage	xsd:string / 1 .. 1 / minLength: 1 maxLength: 255	Error message text.

Namespace: types

Complex Type: getDepotData

Description

Parameters for method getDepotData.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
country	xsd:string / 1 .. 1 / length: 2	The country iso alpha 2 code (alpha-2 code ISO3166), e.g. DE for Germany.
depot	xsd:string / 0 .. 1 / minLength: 3 maxLength: 4	The depot number. 3-4 alphanumeric places, e.g. 163, 0163.
zipCode	xsd:string / 0 .. 1 / minLength: 1 maxLength: 10	The zip code for which the depot is the sending depot.

Namespace: types

Complex Type: getDepotDataResponse

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
DepotData	types:DepotData / 1 .. 1 /	

Namespace: types_authentication

URL: <http://dpd.com/common/service/types/Authentication/2.0>

Namespace: types_authentication

Anonymous Complex Type of Element: authentication

Description

The data structure for authentication data.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
delisId	xsd:string / 1 .. 1 / minLength: 8 maxLength: 10	The delis user id for authentication.
authToken	xsd:string / 1 .. 1 / minLength: 0 maxLength: 64	The token for authentication. Field authToken of Login, as a result of Method "getAuth" of LoginService.
messageLanguage	xsd:string / 1 .. 1 / minLength: 5 maxLength: 5	The language (Java format) for messages. "de_DE" for german messages. "en_US" for english messages.

Namespace: types_authentication

Anonymous Complex Type of Element: authenticationFault

Description

The data structure for authentication errors.

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
errorCode	xsd:string / 1 .. 1 /	The error code. Valid codes: NoAccessAuthenticationFault=-1 NoRightsAuthenticationFault=-2
errorMessage	xsd:string / 1 .. 1 / minLength: 1 maxLength: 255	The error message text.

Elements

Namespace: types

URL: <http://dpd.com/common/service/types/DepotDataService/1.0>

Namespace: types

Element: dataFault

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
dataFault	types:DataFault / 1 .. 1 /	Thrown if a data fault occurs.

Namespace: types

Element: getDepotData

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
getDepotData	types:getDepotData / 1 .. 1 /	Input parameter of getDepotData.

Namespace: types

Element: getDepotDataResponse

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
getDepotDataResponse	types:getDepotData Response / 1 .. 1 /	Output parameter of getDepotData.

Namespace: types

Element: systemFault

<i>Field name</i>	<i>Data type / Occurrence / Range</i>	<i>Description</i>
systemFault	types:SystemFault / 1 .. 1 /	Thrown if an internal system fault occurs.

Namespace: types_authentication

URL: <http://dpd.com/common/service/types/Authentication/2.0>

Namespace: types_authentication

Element: authentication

Anonymous Complex Type *types_authentication:authentication*

Namespace: types_authentication

Element: authenticationFault

Anonymous Complex Type *types_authentication:authenticationFault*