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## **LoginService-Public\_2\_0 Web Service Reference**

25.05.2012

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## Methods

Following methods are available for the service LoginService-Public\_2\_0

| <i>Method name</i> | <i>Description</i>  |
|--------------------|---|
| getAuth            | Creates an authentication token for the committed user if user name and password are valid.<br>The authentication token is needed for accessing other DPD Web Services. |

## Method: getAuth

### Description

Creates an authentication token for the committed user if user name and password are valid.  
The authentication token is needed for accessing other DPD Web Services.

Sample request:

SOAP:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://dpd.com/common/service/types/LoginService/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:getAuth>
      <delisId><your delisId></delisId>
      <password><your password></password>
      <messageLanguage>de_DE</messageLanguage>
    </ns:getAuth>
  </soapenv:Body>
</soapenv:Envelope>
```

REST:

URL: <server:port><path>/LoginService/V2\_0/getAuth

JSON-Data for POST-Request (for GET-Request data must send with parameter "request" and for JSONP the Parameter "jsonpcallback" can be used, to send a padding function name):

```
{
  "delisId" : "<your delisId>",
  "password": "<your password>",
  "messageLanguage": "en_EN"
}
```

REST-Result, without error:

```
{
  "getAuthResponse": {"return": {
    "delisId": "<your delisId>",
    "customerUid": "<your customerUid>",
    "authToken": "<your authentication token>",
    "depot": "<your customerUid>"
  }},
  "status": {
    "type": "OK",
    "code": "200",
  }
}
```

```
"message": "valid"  
  }  
}
```

REST-Result, if an error occurred:

```
{"status": {  
  "type": "AuthenticationFault",  
  "code": "<Error code, e.g. LOGIN_8>",  
  "message": "<Error message, e.g. The combination of user and password is invalid.>"  
}}
```

Additional REST-State on system error:

Error-Code: 100

Error-Type: SystemFault

Error-Message: <Message, which describe the error>

### Action

<http://dpd.com/common/service/LoginService/2.0/getAuth>

### Input

The input for method getAuth is as follows:

| Name       | Element       |
|------------|---------------|
| parameters | types:getAuth |

### Output

The output for method getAuth is as follows:

| Name       | Element               |
|------------|-----------------------|
| parameters | types:getAuthResponse |

### Faults

The defined faults for method getAuth are as follows:

| Name                | Element                                  |
|---------------------|--|
| AuthenticationFault | types_authentication:authenticationFault |

## Complex Types

### Namespace: types

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

Namespace: types

### Complex Type: Login

#### Description

Is created when a user logs in and contains its login information.

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i>   |
|-------------------|---------------------------------------|--|
| delisId           | xsd:string / 1 .. 1 /                 | The user's DELIS-Id.   |
| customerUid       | xsd:string / 1 .. 1 /                 | The user's customer uid. This is needed for subaccounts, usually this is equal to DELIS-Id |
| authToken         | xsd:string / 1 .. 1 /                 | The Authtoken, needed for other web service calls.   |
| depot             | xsd:string / 1 .. 1 /                 | The depot, to which the user is assigned.  |

Namespace: types

### Complex Type: LoginException

| <i>Field name</i>  | <i>Data type / Occurrence / Range</i> | <i>Description</i>   |
|--------------------|---------------------------------------|--|
| additionalData     | xsd:string /<br>0 .. 1 /              | Additional data for an error.  |
| additionalInfo     | xsd:string /<br>0 .. 1 /              | Additional info for an error in user language.                                   |
| errorClass         | xsd:string /<br>0 .. 1 /              | The class which creates the error.   |
| errorCode          | xsd:string /<br>0 .. 1 /              | The error code.  |
| fullMessage        | xsd:string /<br>0 .. 1 /              | The complete message text for the error with additional info in user language.   |
| language           | xsd:string /<br>0 .. 1 /              | Language for messages.   |
| message            | xsd:string /<br>0 .. 1 /              | The complete message text for the error in user language.                        |
| shortMessage       | xsd:string /<br>0 .. 1 /              | The short info text for the error in user language.                              |
| systemFullMessage  | xsd:string /<br>0 .. 1 /              | The complete message text for the error with additional info in system language. |
| systemMessage      | xsd:string /<br>0 .. 1 /              | The complete message text for the error in system language.                      |
| systemShortMessage | xsd:string /<br>0 .. 1 /              | The short info text for the error in system language.                            |

Namespace: types

**Complex Type: getAuth**

| <i>Field name</i> | <i>Data type / Occurrence / Range</i>                    | <i>Description</i>  |
|-------------------|--|---|
| delisId           | xsd:string /<br>1 .. 1 /                                 | The DELIS-Id of the user.   |
| password          | xsd:string /<br>1 .. 1 /                                 | The password of the user.   |
| messageLanguage   | xsd:string /<br>1 .. 1 /<br>minLength: 5<br>maxLength: 5 | The language (Java format) for messages.<br>"de_DE" for german messages.<br>"en_US" for english messages. |

Namespace: types

**Complex Type: getAuthResponse**

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i> |
|-------------------|---------------------------------------|--------------------|
| return            | types:Login /<br>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 /<br>1 .. 1 /<br>minLength: 8<br>maxLength: 10 | The delis user id for authentication.   |
| authToken         | xsd:string /<br>1 .. 1 /<br>minLength: 0<br>maxLength: 64 | The token for authentication. Field authToken of Login, as a result of Method "getAuth" of LoginService.  |
| messageLanguage   | xsd:string /<br>1 .. 1 /<br>minLength: 5<br>maxLength: 5  | The language (Java format) for messages.<br>"de_DE" for german messages.<br>"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 /<br>1 .. 1 /                                   | The error code. Valid codes:<br>NoAccessAuthenticationFault=-1<br>NoRightsAuthenticationFault=-2 |
| errorMessage      | xsd:string /<br>1 .. 1 /<br>minLength: 1<br>maxLength: 255 | The error message text.  |

## Elements

### Namespace: types

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

Namespace: types

### Element: LoginException

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i>              |
|-------------------|---------------------------------------|---------------------------------|
| LoginException    | types:LoginException / 1 .. 1 /       | Thrown if authentication fails. |

Namespace: types

### Element: getAuth

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

Namespace: types

**Element: getAuthResponse**

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i>           |
|-------------------|---------------------------------------|------------------------------|
| getAuthResponse   | types:getAuthResponse / 1 .. 1 /      | Output parameter of getAuth. |

**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*