

DHL-Routingcode with www.paketschalter.de

Remember: You need an account / custid, first !!
Mail to : support@paketpartner.de

Using XML-Structure

Build an XML-Structure like follows:

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="yes"?>
<addresses>
  <custid>
    <custno>nnnnnn</custno>
    <password>xxxxxx</password>
  </custid>
  <address id="001">
    <street>Kamperduhl 9a-f</street>
    <zip>23738</zip>
    <town>Lensahn</town>
  </address>
  <address id="002">
    <street>Am Steenkamp 32</street>
    <zip>23684</zip>
    <town>Scharbeutz</town>
  </address>
  <address id="003">
    <street>Dorfstr 12a-f</street>
    <zip>23684</zip>
    <town>Scharbeutz</town>
  </address>
</addresses>
```

Method 1: HTTP-POST

HTTP-POST:

post("http://www.vistalog.de/logsvc/logsvc1.asmx/Get_routing_dhl_germany",xmlstring)

Inhalt xmlstring:

xmlstr=...inhalt der xml anfrage wie oben dokumentiert

HTTP.GET (NOT recommendet)

The call would be:

http://www.vistalog.de/logsvc/logsvc1.asmx/Get_routing_dhl_germany?xmlstr=..xmlstructure.

Method 2 : import our .NET-Web-Service

Import WSDL-File via

<http://www.vistalog.de/logsvc/logsvc1.asmx?WSDL>

You have to use the function:

Get_routing_dhl_germany (xmlstructure : string):string

This function you have to call, giving your XML-Structure as string

The complete answer to the request above is :

```
<?xml version="1.0" encoding="utf-16" standalone="yes"?>
<addresses>
  <custid>
    <custno>110119</custno>
    <password>cinja</password>
  </custid>
  <address id="001">
    <street>Kamperduhl 9</street>
    <zip>23738</zip>
    <town>Lensahn</town>
    <houenumber>009</houenumber>
    <houenumber2>
    </houenumber2>
    <alternatives>
      <alternative ID="1">
        <matchpercent>92</matchpercent>
        <zip>23738</zip>
        <street>Kamperdahl</street>
        <town>Lensahn</town>
        <village>Lensahn</village>
        <routingcode1>127</routingcode1>
        <routingcode2>24</routingcode2>
        <routingcode00>23738127009002</routingcode00>
        <routingcode01>23738127009018</routingcode01>
      </alternative>
    </alternatives>
  </address>
  <address id="002">
    <street>Am Steenkamp 32</street>
    <zip>23684</zip>
    <town>Scharbeutz</town>
    <houenumber>032</houenumber>
    <houenumber2>
    </houenumber2>
    <routingcode1>014</routingcode1>
    <routingcode2>24</routingcode2>
    <routingcode00>23684014032008</routingcode00>
    <routingcode01>23684014032014</routingcode01>
    <citykind>0</citykind>
  </address>
```

```
<address id="003">
  <street>Dorfstr 12a-f</street>
  <zip>23684</zip>
  <town>Scharbeutz</town>
  <houenumber>012</houenumber>
  <houenumber2>a-f</houenumber2>
  <alternatives>
    <alternative ID="1">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Gleschendorf</village>
      <routingcode1>029</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684029012007</routingcode00>
      <routingcode01>23684029012013</routingcode01>
    </alternative>
    <alternative ID="2">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Gronenberg</village>
      <routingcode1>030</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684030012004</routingcode00>
      <routingcode01>23684030012010</routingcode01>
    </alternative>
    <alternative ID="3">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Schulendorf</village>
      <routingcode1>032</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684032012006</routingcode00>
      <routingcode01>23684032012012</routingcode01>
    </alternative>
    <alternative ID="4">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Schürsdorf</village>
      <routingcode1>031</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684031012005</routingcode00>
      <routingcode01>23684031012011</routingcode01>
    </alternative>
  </alternatives>
</address>
```

```
<alternative ID="5">
  <matchpercent>100</matchpercent>
  <zip>23684</zip>
  <street>Dorfstr.</street>
  <town>Scharbeutz</town>
  <village>Wulfsdorf</village>
  <routingcode1>033</routingcode1>
  <routingcode2>24</routingcode2>
  <routingcode00>23684033012007</routingcode00>
  <routingcode01>23684033012013</routingcode01>
</alternative>
</alternatives>
</address>
</addresses>
```

The backgiven fields are:

```
< housenumber>009 : the Housenumber extracted from the street-field
< housenumber2>a-f : the second, not numeric, part of the housenumber
< citykind>0..4 : internal use, only
< routingcode1>127 : streetcode-part of the routingcode
< routingcode2>24 : CargoCenter to be pined above the routingcode :
    "Frachtzentrum 24"
< routingcode00>23738127009002
    Complete 12-digit routingcode to be printed as 2/5-Barcode
    "00" is for STANDARD-Packages, only !!
< routingcode01>23738127009018
    Complete 12-digit routingcode to be printed as 2/5-Barcode
    "01" is for CASH-Service-Packages, only !!
```

Remember: There are several productcodes for different kinds of packages. These both are only the most needed of them. Other codes are for retour-packages, infopost, oversized, foreigncounties. Contact us, if you need more Productcodes.

<alternatives> .. if address was not codeable – documented later in this document.

The details of the answerfile :

Adress 1:

Kamperduhl 9a-f in 23738 Lensahn (correct would be Kamperdahl)

Answer with alternative :

```
<address id="001">
  <street>Kamperduhl 9a-f</street>
  <zip>23738</zip>
  <town>Lensahn</town>
  <houenumber>009</houenumber>
  <houenumber2>a-f</houenumber2>
  <alternatives>
    <alternative ID="1">
      <matchpercent>92</matchpercent>
      <zip>23738</zip>
      <street>Kamperdahl</street>
      <town>Lensahn</town>
      <village>Lensahn</village>
      <routingcode1>127</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23738127009002</routingcode00>
      <routingcode01>23738127009018</routingcode01>
    </alternative>
  </alternatives>
</address>
```

The address was not found excatly. The system suggests with matchpercent 92% the alternative kamperdahl.

Adress 2:

Am Steenkamp 32 in 23684 Scharbeutz (100% codable)

The systems answer is:

```
<address id="002">
  <street>Am Steenkamp 32</street>
  <zip>23684</zip>
  <town>Scharbeutz</town>
  <houenumber>032</houenumber>
  <houenumber2>
</houenumber2>
  <routingcode1>014</routingcode1>
  <routingcode2>24</routingcode2>
  <routingcode00>23684014032008</routingcode00>
  <routingcode01>23684014032014</routingcode01>
  <citykind>0</citykind>
</address>
```

The address is 100% correct

The streetcode is 014

The DHL-Freightcenter is 24

The whole routingcode for **standard**-packages (productcode **00**) is 23684014032**008**

The whole routingcode for **cash**-service-packages (productcode **01**) is 23684014032**014**

The routingcode is built as follows:

aaaaabbccc x

aaaaa : Zipcode

abb : Streetcode

ccc : housenumber

nn : Productcode (examples: Standard: 00, Cashservice: 01, foreign countries: 80)

x : Checkdigit (see DHL-Docu)

Above the routingcode you have to print :

Paketzentrum xx

xx : routingcode2 = 24

Adress 3:

Dorfstr, 23684 Scharbeutz

(There are some villages with this address

All these villages belongs to the town Scharbeutz

So there are more than one solution possible and all of them are 100% correct)

The system answers:

```
<address id="003">
  <street>Dorfstr 12a-f</street>
  <zip>23684</zip>
  <town>Scharbeutz</town>
  <houenumber>012</houenumber>
  <houenumber2>a-f</houenumber2>
  <alternatives>
    <alternative ID="1">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Gleschendorf</village>
      <routingcode1>029</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684029012007</routingcode00>
      <routingcode01>23684029012013</routingcode01>
    </alternative>
    <alternative ID="2">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Gronenberg</village>
      <routingcode1>030</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684030012004</routingcode00>
      <routingcode01>23684030012010</routingcode01>
    </alternative>
    <alternative ID="3">
      <matchpercent>100</matchpercent>
      <zip>23684</zip>
      <street>Dorfstr.</street>
      <town>Scharbeutz</town>
      <village>Schulendorf</village>
      <routingcode1>032</routingcode1>
      <routingcode2>24</routingcode2>
      <routingcode00>23684032012006</routingcode00>
      <routingcode01>23684032012012</routingcode01>
    </alternative>
```

```
<alternative ID="4">
  <matchpercent>100</matchpercent>
  <zip>23684</zip>
  <street>Dorfstr.</street>
  <town>Scharbeutz</town>
  <village>Schürsdorf</village>
  <routingcode1>031</routingcode1>
  <routingcode2>24</routingcode2>
  <routingcode00>23684031012005</routingcode00>
  <routingcode01>23684031012011</routingcode01>
</alternative>
<alternative ID="5">
  <matchpercent>100</matchpercent>
  <zip>23684</zip>
  <street>Dorfstr.</street>
  <town>Scharbeutz</town>
  <village>Wulfsdorf</village>
  <routingcode1>033</routingcode1>
  <routingcode2>24</routingcode2>
  <routingcode00>23684033012007</routingcode00>
  <routingcode01>23684033012013</routingcode01>
</alternative>
</alternatives>
</address>
```

The address was found, but more than one solution possible.
So you get 5 Alternatives back.

These Alternatives do exist:

Dorfstr in 23684 Scharbeutz, Ortsteil Gleschendorf

Dorfstr in 23684 Scharbeutz, Ortsteil Gronenberg

Dorfstr in 23684 Scharbeutz, Ortsteil Schulendorf

Dorfstr in 23684 Scharbeutz, Ortsteil Schürsdorf

Dorfstr in 23684 Scharbeutz, Ortsteil Wulfsdorf

Each of them with 100% (matchpercent)

A correct address in this case would be:

Dorfstr. 12

23684 Gronenberg

(Use the village instead of the town)