

Webservice for ParcelShopFinder Technical Documentation v.1.0.4.0

The current URL of the webservice is http://www.gls.dk/webservices_v4/wsShopFinder.asmx

The WSDL is located at http://www.gls.dk/webservices_v4/wsShopFinder.asmx?WSDL

The webservice uses the following complex types.

ParcelshopData

Name	Type	Example	Mandatory	Length
Number	String	01234	YES	10
CompanyName	String	GLS PakkeShop	YES	50
Streetname	String	Kokmose 3	YES	50
Streetname2	String	SHOPID: 01234	YES	50
ZipCode	String	6000	YES	50
CityName	String	Kolding	YES	50
CountryCode	String	008	YES	10
CountryCodeISO3166A2	String	DK	YES	2
Telephone	String	+4576331100	YES	50
Longitude	String	12.324	NO	50
Latitude	String	43.345	NO	50
DistanceMetersAsTheCrowFlies	Int	3658	NO	
OpeningHours	ArrayOfWeekDay		NO	

ArrayOfWeekDay

Name	Type	Example	Mandatory	Length
Weekday	Weekday		NO	

WeekDay

Name	Type	Example	Mandatory	Length
day	Day	<Day>	NO	
openAt	Hour	<Hour>	NO	
breaks	ArrayOfBreak		NO	

Day

Name	Type	Example	Mandatory	Length
Day	String (enumeration)	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	NO	

Hour

Name	Type	Example	Mandatory	Length
From	String	09:00	NO	
To	String	18:30	NO	

ArrayOfBreak

Name	Type	Example	Mandatory	Length
Break	Break	<Break>	NO	

Break

Name	Type	Example	Mandatory	Length
Start	String	12:00	NO	
End	String	12:30	NO	

Method 1 – GetOneParcelShop

This method returns one GLS ParcelShop.

Intent

If client only stores the ParcelShopNumber as reference, this method can be used to fetch that exact delivery point¹.

Input

Element name	Description	Mandatory
ParcelShopNumber	The parcelshop number	YES

Errors

Throws Soap Exception ParcelShopNumber is not a number of a ParcelShop.

Method 2 – GetAllParcelShops

This method returns all GLS ParcelShops in a given country.

Input

Element name	Description	Mandatory
Country Iso3166A2	Country to search from	YES

¹ The address where GLS delivers the parcel. In ParcelShop system this is the address of the ParcelShop.

Method 3 – GetAllParcelShopsInZipcode

This method returns all GLS ParcelShops in a given country within a specific zip code.

Input

Element name	Description	Mandatory
Zip code	The zip code to search from	YES
countryIso3166A2	Country to search from	YES

Method 4 – SearchNearestParcelShops

This method searches for the nearest ParcelShops as the crow flies, to given consignee address. The output is sorted by closest line to the given parameters.

Intent

This method searches loosely. Addresses do not need to be spelled 100% correctly, e.g. Ndr. Ringvej is as good as Nordre Ringvej.

Input

Element name	Description	Mandatory
Street	The street name and house number	YES
Zip code	Zip code to search from	YES
countryIso3166A2	Country to search from	YES
Amount	The amount of parcelshops to find	YES

Errors

Soap Exception is raised if nothing can be found. E.g. when searching for Dofepmaldrobevi.

Example of request

```
POST /webservices_v3/wsShopFinder.asmx HTTP/1.1
```

```
Host: www.gls.dk
```

```
Content-Type: text/xml; charset=utf-8
```

```
Content-Length: length
```

```
SOAPAction: "http://gl.s.dk/webservices/SearchNearestParcelShops"
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SearchNearestParcelShops xmlns="http://gl.s.dk/webservices/">
      <street>kokmose</street>
      <zipcode>6000</zipcode>
```

```
<countryIso3166A2>DK</countryIso3166A2>
<Amount>1</Amount>
</SearchNearestParcelShops>
</soap:Body>
</soap:Envelope>
```

Example of response

```
<?xml version="1.0" encoding="utf-8" ?>
- <ParcelShopSearchResult xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://gls.dk/webservices/">
  <accuracylevel>STREET</accuracylevel>
- <parcelshops>
  - <PakkeshopData>
    <Number>96606</Number>
    <CompanyName>GLS Pakke Shop</CompanyName>
    <Streetname>Kokmose</Streetname>
    <Streetname2>Pakkeshop: 96606</Streetname2>
    <ZipCode>6000</ZipCode>
    <CityName>Kolding</CityName>
    <CountryCode>008</CountryCode>
    <CountryCodeISO3166A2>DK</CountryCodeISO3166A2>
    <Telephone>+45 72 35 13 12</Telephone>
    <Longitude>9.47953</Longitude>
    <Latitude>55.5346</Latitude>
    <DistanceMetersAsTheCrowFlies>83</DistanceMetersAsTheCrowFlies>
  - <OpeningHours>
    - <Weekday>
      <day>Monday</day>
    - <openAt>
      <From>08:00</From>
      <To>17:30</To>
      </openAt>
      <breaks />
    </Weekday>
  - <Weekday>
    <day>Tuesday</day>
  - <openAt>
    <From>08:00</From>
    <To>17:30</To>
    </openAt>
    <breaks />
  </Weekday>
  - <Weekday>
    <day>Wednesday</day>
  - <openAt>
    <From>08:00</From>
    <To>17:30</To>
    </openAt>
```

```
<breaks />
  </Weekday>
- <Weekday>
  <day>Thursday</day>
- <openAt>
  <From>08:00</From>
  <To>17:30</To>
  </openAt>
<breaks />
  </Weekday>
- <Weekday>
  <day>Friday</day>
- <openAt>
  <From>08:00</From>
  <To>17:30</To>
  </openAt>
<breaks />
  </Weekday>
  </OpeningHours>
  </PakkeshopData>
</parcelshops>
</ParcelShopSearchResult>
```