



Disclaimer

The software that is described in this document is meant as an example.

DPD doesn't provide any active support but is willing to think along and help where possible.

Because of this DPD waves any responsibility.

It is up to the user to review en test this software prior to using it on a live environment.

Requirements

- Default php soap_client active on server.
- Google maps api V3 active for your domain.

Installation

Extract the files to a location (ffr. <pspath>) on you webserver

File Overview

- Dictionary.xml
 - Simple xml document that provides the textitems used on the locator. Adding a language is as simple as translating each node in this file.
- DPD.css
 - Default and minimalistic layout for the parcelShop locator.
- Index.php
 - As the name suggest, an example on how to integrate the parcelShop locator into a site.
- Parcelshopfinder.php
 - Php script that handles the soap requests to the DPD server.
 - Note: REST was an option but leaves the delisID and password visible on client side.
- Parcelshoplocator.js
 - The actual parcelShop locator object, encapsulated in its own namespace (DPD)

Security

As seen on the first lines of Index.php and Parcelshopfinder.php:

Index.php:

```
1 <?php
2     session_name("DPDLocator");
3
4     $serverIP = $_SERVER['SERVER_ADDR'];
5     $clientIP = $_SERVER['REMOTE_ADDR'];
6     $sugar = "b7amcxHT7ECBxyhkgV5uMj7byWqsgU";
7     $pagePath = "http://" . $_SERVER['SERVER_NAME'] . $_SERVER['PHP_SELF'];
8
9     $sessionID = md5(md5($serverIP . '.' . $clientIP) . $sugar . md5($pagePath));
10
11     if(session_start()){
12         $_SESSION['identifier'] = $sessionID;
13     }
14 ?>
```

Parcelshopfinder.php

```
16 if($_SERVER['HTTP_REFERER'] == ""){ // You can change this to the path of your script and check !=
17     die();
18 }
19
20 session_name("DPDLocator");
21 session_start();
22
23 $serverIP = $_SERVER['SERVER_ADDR'];
24 $clientIP = $_SERVER['REMOTE_ADDR'];
25 $sugar = "b7amcxHT7ECBxyhkgV5uMj7byWqsgU";
26 $referer = $_SERVER['HTTP_REFERER'];
27
28 $sessionID = md5(md5($serverIP . '.' . $clientIP) . $sugar . md5($referer));
29
30 if($_SESSION['identifier'] != $sessionID){
31     die();
32 } else {
```

We tried to touch the subject of security, shielding access to the parcelshoplocator.php script by verifying referrer and using a sessionID linked to the referrer (a perhaps naïve try to get around SessionID cloning).

Please feel free, and this is much advised, to change the security check in parcelshoplocator.php to fit your websites security implementation.

Minimal Integration

For examples of the process described below please view Index.php

- Add google maps api script to the header:

```
<script src="https://maps.googleapis.com/maps/api/js?v=3.exp&libraries=places"></script>
```

- And add the parcelshoplocator.js script to the header:

(use the <pspath> if the object script isn't nested on the same location than the page you are editing.)

```
<script src="parcelshoplocator.js"></script>
```

- Add a container in your body where you want the shopLocator to appear and give it an 'id'

```
...
<div id="dpdLocatorContainer"></div>
...
```

- Create a new script object in the header that will hold the object, search action function and callback function.

```
<script type="text/javascript">
...
</script>
```

- Create your callback function. This function will get the shopID back when your user has chosen a shop.

```
<script type="text/javascript">
    function dpdChosenShop(shopID) {
        // Do something with shopID
    }
...
</script>
```

- Create an object holding the parcelShop Locator (example below is minimal configuration example)

```
<script type="text/javascript">
...
    var dpdLocator = new DPD.locator({
        containerId: 'dpdLocatorContainer'
    })
...
</script>
```

- In order to reduce waiting times we already initialize the parcelShop locator, but hidden. So add an onload function to the body of your page calling the initialize function of the object.

```
<body onload="dpdLocator.initialize();">
```

- Add a button or link to you page that will display the parcelShop locator by calling the showLocator function

```
<a href="#" onclick="javascript:dpdLocator.showLocator(); return false;">Click here to choose your shop</a>
```

Objects

DPD.locator

Configuration			
Name	Mandatory	Value	Remark
callback	0	[String] Name of the callback function	The callback function will be handed 1 argument, the shopID.
containerId	1	[String] Id of the container in the body	
country	0	[String] IsoAlpha2 Country Code	
filter	0	[String] `pick-up` / `return`	Empty: Show <u>all</u> parcelshops, even the ones that are on holiday. Pick-up: Show only shops that are open and accept parcels for pick-up Return: Show only shops that are open and accept parcels for return.
fullscreen	0	[Boolean] true/false	Default: false For responsive behavior set to true.
height	0	[String] value to overwrite css with.	Eg: '800px' or '60%'
language	0	[String] linked to nodes in dictionary.xml	Default: en
mapCenter	0	[mapCenter] Center of map if no query has been executed	Default: (51.0110348, 4.5061507)
width	0	[String] value to overwrite css with.	Eg: '800px' or '60%'

Public Variables	
Name	Description
Map	[Google map object] may be used to alter the map directly via google maps api.
DPDShops	[Array] Holds the last shops that were returned by the search query (by ShopID)

Public Methods	
Name	Description
getShopInfo([int] shopID) --> [Array]	Returns more information about the chosen shopID. Note that you can only access the 10 last shop that the search query returned.
showLocator([string] Query) --> void	Show (unhides) the parcelShop locator, if query is set this will be the first lookup for the map.
hideLocator() --> void	Hides the parcelShop locator
initialize() --> void	Sets up the map, adds controllers, ... won't show the locator

ParcelShop Locator

A Google maps api example



toggleFullscreen() --> void

Enables to switch between inline an fullscreen modus as a support for responsive devices.

mapCenter

Configuration			
Name	Mandatory	Value	Remark
lat	1	[Float] geo latitude of location	
lng	1	[Float] geo longitude of location	

Future Development

DPD.locator

- **Autoresponsive** setting in config: Will sense if the user is on a mobile device and use full screen rendering.
- **Autohide** setting in config: Will cause the locator to hide when a shop is selected by the customer.