



● GLS ParcelShop finder with map

Description

Embeddable GLS ParcelShop and GLS Locker finder widget using OpenStreetMap map for GLS customers to use on web pages. The widget is implemented as an [HTML Custom Element](https://developer.mozilla.org/en-US/docs/Web/API/Web_components/Using_custom_elements) (https://developer.mozilla.org/en-US/docs/Web/API/Web_components/Using_custom_elements)

The widget loads a country-specific JSON file with a list of GLS ParcelShops and GLS Lockers. All filtering happens in the browser on this list.

There are two ways to display the map on your webpage:

1. As an embedded widget (`<gls-dpm>`): the map is embedded into the page like any other block element and it fills the parent element. The custom element has a change event that can be listened to for the currently selected delivery point.
2. As a dialog (`<gls-dpm-dialog>`): similar to the native `<dialog>` element you may add the widget to the page and open it as a dialog window by calling the `showModal()` method of the custom element. When the user selects a delivery point, the dialog is closed and the change event fires.

Necessary scripts

Javascript: <https://map.gls-hungary.com/widget/gls-dpm.js>

How to implement

1. Add the Javascript file to the page where you want the map to show up.
2. Add the `<gls-dpm>` or the `<gls-dpm-dialog>` element to the source where you want to display the map. The widget variant (`<gls-dpm>`) needs a container element with an intrinsic dimension.
3. Both element can be customized by the following attributes:
 - **country** (optional):
two-letter country code. The map will only show the delivery points of this country. Valid values: AT, SK, SI, RS, RO, PT, PL, NL, LU, IT, HU, HR, GR, FR, FI, ES, DK, DE, CZ, BG, BE, .
 - **language** (optional):
two-letter language code. If omitted, the default language is based on the selected country. Valid values: CS, HR, HU, RO, SR, SL, SK, PL, EN, DE, FR, ES, IT.
 - **dropoffpoints-only** (optional):
The widget will list only drop-off points.
For example: `<gls-dpm country="hu" dropoffpoints-only></gls-dpm>`
 - **filter-type** (optional):
possible values: 'parcel-shop', 'parcel-locker'.
The widget will list only this type of delivery points.



Access selected Delivery Point data

You can access the information about the selected delivery point by subscribing to the custom element's `change` event and read its detail property. The returned object contains the following data:

```
{
  "id": "1011-ALPHAZOOKF",
  "name": "Alpha Zoo Batthyány tér",
  "contact": {
    "countryCode": "HU",
    "postalCode": "1011",
    "city": "Budapest I. kerület",
    "address": "Batthyány tér 5-6.",
    "name": "Ügyfélszolgálat",
    "email": "ugyfelszolgalat@alphazoo.hu"
  }
}
```

Sample implementation (widget)

In samples the hungarian URL is used but please use the country URL-s

<https://map.gls-hungary.com/widget/example/widget.html>

```
<!DOCTYPE html>
<html>
  <body>
    <!--
      By default the web component occupies the space its parent leaves,
      so it needs a container with an intrinsic dimension.
    -->
    <div style="height: 600px">
      <glS-dpm country="hu" id="test-map"></glS-dpm>
    </div>

    <!--
      Listening to changes. The web component fires a CustomEvent
      every time the user selects a new location.
    -->
    <script>
      var el = document.getElementById('test-map');
      el.addEventListener('change', (e) => {
        console.log(e.detail);
        alert(e.detail.name);
      });
    </script>

    <!--
      Javascript to initialize the custom element, it can be placed anywhere.
    -->
    <script type="module"
      src="https://map.gls-hungary.com/widget/gls-dpm.js"></script>
    </body>
  </html>
```



Sample implementation (dialog)

<https://map.gls-hungary.com/widget/example/dialog.html>

```
<!DOCTYPE html>
<html>
  <body>
    <gl-s-dpm-dialog country="hu" id="test-map"></gl-s-dpm-dialog>
    <button type="button" id="btn">Open Map</button>

    <script>
      var el = document.getElementById('test-map');
      el.addEventListener('change', (e) => {
        console.log(e.detail);
        alert(e.detail.name);
      });

      var btn = document.getElementById('btn');
      btn.addEventListener('click', () => {
        el.showModal();
      });
    </script>

    <!--
      Javascript to initialize the custom element, it can be placed anywhere.
    -->
    <script type="module"
src="https://map.gls-hungary.com/widget/gls-dpm.js"></script>
  </body>
</html>
```

Sample implementation (english language)

<https://map.gls-hungary.com/widget/example/language.html>

```
...
<gl-s-dpm country="hu" language="en" id="test-map"></gl-s-dpm>
...
```

Sample implementation (drop-off points only)

<https://map.gls-hungary.com/widget/example/dropoffpoints-only.html>

```
...
<gl-s-dpm country="hu" dropoffpoints-only id="test-map"></gl-s-dpm>
...
```



Sample implementation (parcel lockers only)

<https://map.gls-hungary.com/widget/example/filter-type-parcel-locker.html>

```
...  
<glS-dpm country="hu" filter-type="parcel-locker" id="test-map"></glS-dpm>  
...
```

Sample implementation (parcel shops only)

<https://map.gls-hungary.com/widget/example/filter-type-parcel-shop.html>

```
...  
<glS-dpm country="hu" filter-type="parcel-shop" id="test-map"></glS-dpm>  
...
```



● GLS Delivery Points JSON feature

Overview

This API provides structured JSON data for GLS delivery points across multiple European countries. It is intended for partners who wish to integrate pickup and delivery point data into their own systems or maps, without relying on third-party map widgets.

Overview

Each country has a dedicated JSON file accessible via the following URL pattern:

https://map.gls-hungary.com/data/deliveryPoints/{country_code}.json

There are two ways to display the map on your webpage:

- {country_code} is a **ISO 3166-1 alpha-2** country code.

Available Countries

Country:	ISO Code:	JSON URL:
Austria	at	https://map.gls-hungary.com/data/deliveryPoints/at.json
Belgium	be	https://map.gls-hungary.com/data/deliveryPoints/be.json
Bulgaria	bg	https://map.gls-hungary.com/data/deliveryPoints/bg.json
Croatia	hr	https://map.gls-hungary.com/data/deliveryPoints/hr.json
Czech Republic	cz	https://map.gls-hungary.com/data/deliveryPoints/cz.json
Denmark	dk	https://map.gls-hungary.com/data/deliveryPoints/dk.json
Finland	fi	https://map.gls-hungary.com/data/deliveryPoints/fi.json
France	fr	https://map.gls-hungary.com/data/deliveryPoints/fr.json
Germany	de	https://map.gls-hungary.com/data/deliveryPoints/de.json
Greece	gr	https://map.gls-hungary.com/data/deliveryPoints/gr.json
Hungary	hu	https://map.gls-hungary.com/data/deliveryPoints/hu.json
Italy	it	https://map.gls-hungary.com/data/deliveryPoints/it.json
Luxembourg	lu	https://map.gls-hungary.com/data/deliveryPoints/lu.json
Netherlands	nl	https://map.gls-hungary.com/data/deliveryPoints/nl.json
Poland	pl	https://map.gls-hungary.com/data/deliveryPoints/pl.json
Portugal	pt	https://map.gls-hungary.com/data/deliveryPoints/pt.json
Romania	ro	https://map.gls-hungary.com/data/deliveryPoints/ro.json
Slovakia	sk	https://map.gls-hungary.com/data/deliveryPoints/sk.json
Slovenia	si	https://map.gls-hungary.com/data/deliveryPoints/si.json
Spain	es	https://map.gls-hungary.com/data/deliveryPoints/es.json



JSON Structure

Each file contains a JSON object with an items array. Each item represents a delivery point with the following fields:



Note: Fields with NULL values are omitted from the JSON response. Therefore, not all fields are guaranteed to be present in every record



Note: The list of GLS Parcel Lockers available through the GLS Locker Express can be retrieved using the milkrun feature.
Example: "features": ["acceptsCard", "pickup", "delivery", "**milkrun**"]

Field Name:	Type:	Description:
id	string	Unique identifier of the delivery point. Use this in MyGLS API calls.
goldId	string	Internal GLS identifier
name	string	Name of the pickup point
contact.countryCode	string	ISO 3166-1 alpha-2 country code
contact.postalCode	string	Postal code
contact.city	string	City name
contact.address	string	Street address
location	array	[latitude, longitude] geographic coordinates
hours	array	Weekly opening hours. Each entry: [number of the day (1=Monday), open, close]
features	array	List of features. AcceptCash, AcceptCard, pickup (for parcel dispatch), delivery, milkrun
pickupTime	string	Time range or specific time for pickup availability
type	string	Type of location (parcel-shop, parcel-locker)
externalId	string	External reference ID
hasWheelchairAccess	boolean	Indicates if the location is wheelchair accessible
parcelLockerExternalProvider	number (optional)	External provider ID for lockers (if applicable)
lockerSaturation	string	Availability and recommendation status of the parcel locker. Used to indicate whether a locker is normally available, under high utilization or temporarily unavailable for selection.



lockerSaturation

Indicates the current availability and recommendation status of a parcel locker.

Possible values

Value:	Meaning:	Recommended map display:	Selectable:
lowVolume	Normal operation. No known capacity constraints.	Blue / normal state	YES
highVolume	High utilization. Delivery may take longer than usual.	Yellow / warning state	YES
outOfOrder	Locker currently unavailable for selection. This may be caused by capacity constraints, technical issues, maintenance or other operational reasons.	Grey / disabled state	NO

Client integration rules

- **lowVolume:** Display as a normal available locker. Allow selection.
- **highVolume:** Display as a warning state. Allow selection. It is recommended to inform users that delivery may take longer than usual.
 - It is recommended to offer nearby alternative lockers when available.
- **outOfOrder:** Display as unavailable. Do not allow selection. Client applications should prevent the locker from being submitted as a selected delivery point. The specific reason for unavailability should not be assumed from this value.



Note: The value outOfOrder represents a generic unavailable state and does not necessarily indicate a technical failure. Client applications should only interpret it as "currently not selectable".