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](#).

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` (required): two-letter country code. The map will only show the delivery points of this country. Valid values: `cz, hr, hu, ro, rs, si, sk`.
   - `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:

```
Unset
{
  "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)

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

```
Unset
<!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

```
Unset
<!DOCTYPE html>
<html>
  <body>
    <gls-dpm-dialog country="hu" id="test-map"></gls-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

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

Sample implementation (drop-off points only)

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

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

Sample implementation (parcel lockers only)

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

```
Unset
...
<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

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