

Menu Link Attributes

Add the [Menu Link Attributes](#) module to your project via *composer require drupal/menu_link_attributes*, then enable the module with *drush en menu_link_attributes* or through the GUI on the *Extend* page. Once the module is enabled navigate to *Structure > Menus* and click the *Available attributes* tab. Here you'll add YAML configuration that will describe which attribute options you'd like added to individual menu links.

Menu link attributes ☆

List Available attributes

Home » Administration » Configuration

⚠ It is recommended to install the [YAML Editor](#) module for easier editing.

Configuration

```
attributes:
  data-icon:
    label: Icon
    description: 'Replace the text of the menu link with an icon.'
  options:
    facebook: Facebook
    instagram: Instagram
    twitter: Twitter
```

Available attributes can be defined in YAML syntax.

▶ EXAMPLE STRUCTURE

Save configuration

The menu link attributes configurations can be found at *Structure > Menus > Available attributes* (tab).

```
attributes:
  data-icon:
    label: Icon
    description: 'Replace the text of the menu link with an i
  options:
```

```
facebook: Facebook
instagram: Instagram
twitter: Twitter
```

Paste the above YAML into the configuration textarea and click *Save* to create a new *Icon* option for menu links using the custom *data-icon* attribute. With this option you can add attributes to your link like *data-icon="facebook"* – or whatever you define in your config YAML. In our example we've defined *facebook*, *instagram* and *twitter*.

Edit menu link ☆

[Edit](#) [Devel](#)

[Home](#) » [Administration](#) » [Structure](#) » [Menus](#)

Menu link title *
Facebook
The text to be used for this link in the menu.

Link *
<front>
• The location this menu link points to.
• Start typing the title of a piece of content to select it. You can also enter an internal path such as `/node/add` or an external URL such as `http://example.com`. Enter `<fr`

Enabled
A flag for whether the link should be enabled in menus or hidden.

Description
Shown when hovering over the menu link.
 Show as expanded
If selected and this menu link has children, the menu will always appear expanded. This option may be overridden for the entire menu tree when placing a menu block.

▼ ATTRIBUTES
Manage available attributes [here](#).

Icon
✓ - Select -
Facebook of the menu link with an icon.
Instagram
Twitter

Parent link
<Main navigation>
The maximum depth for a link and all its children is fixed. Some menu links may not be available as parents if selecting them would exceed this limit.

Menu link *Attributes* settings are now available on the edit screen for individual menu links using the configurations set above.

Next you'll want to assign these data attributes to your Drupal menu items using the GUI. For this example I've created three new menu items in the Main navigation (machine name *main*) menu: Facebook, Instagram, and Twitter.

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A custom *Sandbox* theme, using Bartik as a base theme, on a fresh Drupal 8.2 install.

Create an SVG Sprite

This solution assumes you're using a sprite of SVG icons and have included them somewhere in your templates. There are many ways to do this in Drupal, and covering them here would be outside the scope of this post. For simplicity, I've added the following sprite at the bottom of my *page.html.twig* file — you can follow suit to get this example working in your project. Notice that the value of the *data-icon* attribute in the menu links match the IDs of the *symbol* elements in the sprite.

```
<div style="display:none">
  <?xml version="1.0" encoding="UTF-8"?><!DOCTYPE svg PUBLIC
</div>
```

```
121     <div class="site-footer__bottom">
122         {{ page.footer_fifth }}
123     </div>
124     {% endif %}
125 </div>
126 </footer>
127 </div>
128 </div>
129 <div style="display:none"><?xml version="1.0" encoding="UTF-8"?><!DOCTYPE svg PUBLIC "-//W3C//DTD SVG 1.1//EN" "http://www.w3.org/Graphics/SVG/1.
```

In my custom *Sandbox* theme, I've copied *page.html.twig* from the base theme and pasted the SVG code from above as the last line.

Inject your SVG markup with a preprocessor

In your *mytheme.theme* file (or *sandbox.theme* in my case), define the following hook to inject SVG markup in any menu item that has a *data-icon* attribute. As mentioned above, you'll need to paste the SVG markup provided at the bottom of your *page.html.twig* file in order to see any icons actually populate.

```
/**
 * @file
 * Functions to support theming in the Sandbox theme.
 */
use Drupal\Component\Render\FormattableMarkup;

/**
 * Implements theme_preprocess_menu().
 */
function sandbox_preprocess_menu(&$variables, $hook) {
  foreach ($variables['items'] as &$item) {
    $attributes = $item['url']->getOption('attributes');
    if (isset($attributes['data-icon'])) {
      $title = new FormattableMarkup('
        <span class="visually-hidden">@title</span>
        <svg class="icon icon--@icon" viewBox="0 0 24 24">
          <use xlink:href="#@icon"></use>
        </svg>
      ', [
        '@title' => $item['title'],
        '@icon' => $attributes['data-icon'],
      ]);
      $item['title'] = $title;
    }
  }
}
```

In this example using Sandbox, my custom sub-theme of Bartik, I added an `svg { max-width: 25px; }` CSS declaration to my theme's base styles so my menu icons aren't the size of the whole viewport.

Contact

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SVG Icons in their proper place as Drupal menu items! I added a line of CSS (above) in my Sandbox theme to set the icon sizes.

Voila! Now you've got SVG icons in your Drupal menu links, and you can easily alter the *data-icon* link attributes with a point-and-click interface. Check back soon for a separate post on creating SVG sprites for your Drupal templates.