Document number	Revision
DOCU12458	1

Highstage Side Navigation Menu Configuration is available from Highstage Version
`SW10055-8`

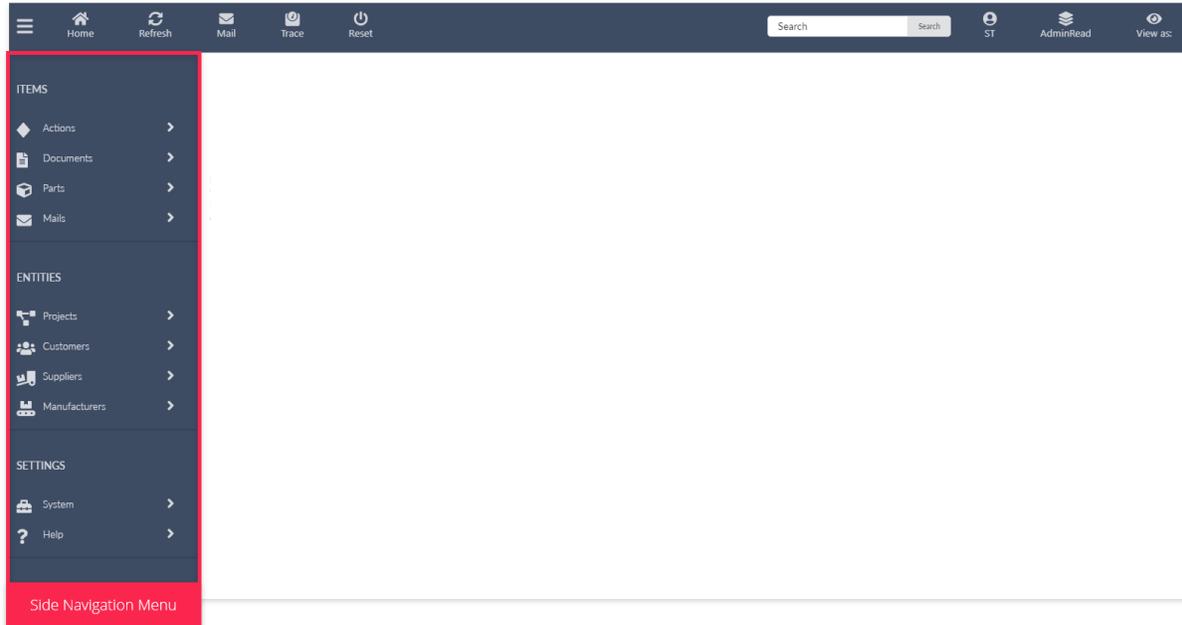# Configuring the side navigation menu

Background

In this article, you will be introduced to the configuration of the side navigation menu in Highstage.

Introduction

The side navigation menu in Highstage is used to gain access to the various features of Highstage:

It is from this menu that all contents in Highstage can be accessed. Similarly, the content of the side navigation menu is highly customizable to support the requirements and needs of your company or organization.

The supported and configurable side navigation menu elements includes:

- Static titles

- Sections

- Links

- Line separations

- Custom or Bundled Icons

Similarly, we have added a number of *Parameters* to control the capabilities of the side navigation menu including:

- Whether Icons are hidden or displayed in the menu.

- Default icons for *Sections* and *Links*.

- Whether only one single *Section* can be expanded at a time.

Configuration

You can customize your side navigation menu in the `custom.schema.xml` located in the tweak folder of your Highstage installation.

Customize the existing side navigation menu

To make modifications to the existing menu, add the following snippet to your `custom.schema.xml` :

```
<type name="ts_menu">
    <menu name="default">
        <!-- Content goes here -->
    </menu>
</type>
```

Changes to this menu will be merged with the existing default menu.

Create a new side navigation menu

If you want to create an entirely new side navigation menu, you can add a `_overwrite="1"` attribute to the `<type>` element. This will overwrite the existing side navigation menu, allowing you to build the menu yourself:

```
<type name="ts_menu" _overwrite="1">
    <menu name="default">
        <!-- Content goes here -->
    </menu>
</type>
```

All the various *Elements* that is placed within the `<menu>` element will be displayed in the menu.

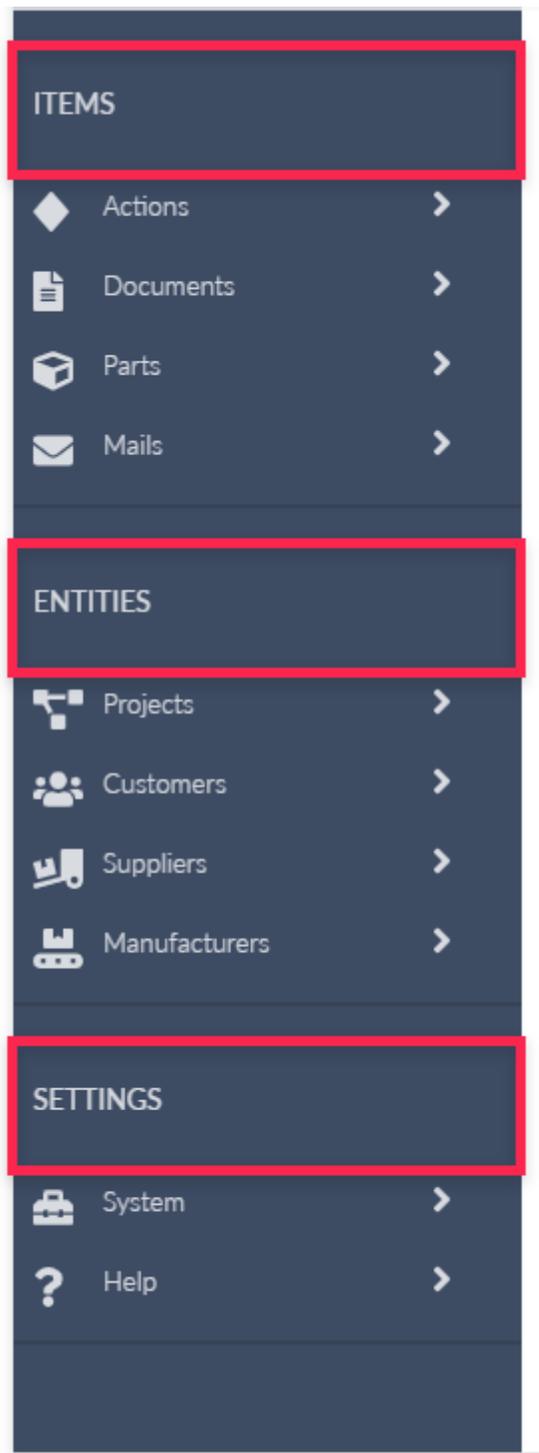> **Notice:** Remember to `Reset` Highstage whenever you make changes to the `custom.schema.xml`.

Elements

Here you can find the available elements to be used in the side navigation menu.

Static titles

A static title is a `<title>` element which can be used as a short descriptive text to provide some context to a group of *Sections* and *Links*:
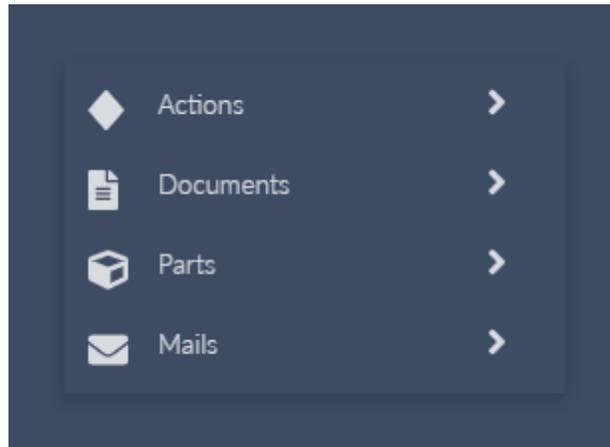
A static title can be added to the menu, using the following snippet:

```
<title name="id" title="TITLE TEXT HERE" />
```

Tip: Remember that the `name` must be unique. If several elements has the same name, they will be merged.

Sections

A Section is a `<Section>` element that can be used to group content. These sections are used as drop down items in the menu. Sections does not navigate the user to any Highstage features, but serves solely as drop-down containers:

You can create your own drop down menu with any number of underlying items. We define these sections as **Static sections**.

You can also create, or use Highstage default sections, that is specifically created for each *Basetype* in Highstage. We refer to these sections as **Dynamic sections**. A dynamic section, is a section that is loaded from an existing *Basetype*. This means, that we simply refer to an existing menu, and place it into the current menu as a section.

Attributes

The following attributes are available to be used in `<section>` elements:

attribute	Description	Samples	Required	Note
`name`	Mandatory and unique ID	`name="ID"`	✔	Each `<section>` must have an unique ID in the `name` attribute.
`title`	Text to be displayed in the section.	`title="Documents"`	✘	Will display `name` if not defined.
`icon`	Icon to be displayed in the section.	`icon="fas fa-user"`	✘	Default icons are displayed if not defined. Learn more about the available icons.
`customicon`	Custom Icon to be displayed in the section.	`customicon="/tweak/icon.svg"`	✘	Lean more about custom icons.

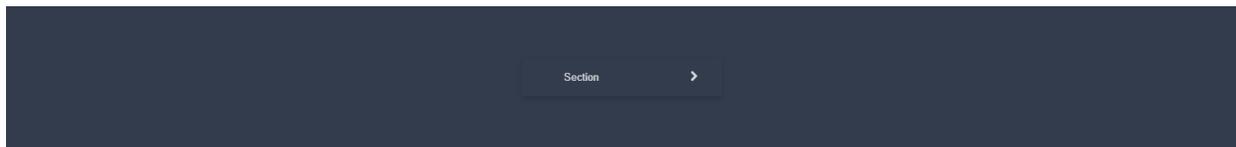| attribute	Description	Samples	Required	Note
`size`	Configure the size of the section.	Small: `size="small"` Medium: `size="medium"` Large: `size="large"`	✗	Will use medium if not defined.
`expanded`	Whether the section is expanded by default.	Disabled: `expanded="0"` Enabled: `expanded="1"`	✗	When a section is expanded, all other sections are disbanded automatically. *Will be ignored if the* `sidemenuExclusive` *parameter is enabled.*
`description`	Displays a short descriptive text under the title	`description="Lorem Ipsum"`	✗	Only available for sections in `large`.
`trustees`	List of vector roles allowed to see the section.	`trustees="Everyone"`	✗	Defaults to `Everyone` if not defined.
`type`	Adds an existing menu from another *Basetype* to this section *(Dynamic section)*.	`type="doc"`	✗	Read more about [Dynamic sections](#).

Static sections

A static section is a regular expandable section. These sections can contain any number of *[elements](#)*, to be displayed when it is expanded.

A basic section can be added to the menu, using the following snippet:

```
<section name="ID" title="Section">
    <!--Menu items goes here-->
</section>
```

The result:

Dynamic sections

A *Dynamic section* is a section that takes advantage of an existing *menu* from another *Basetype (Documents, Actions, Parts, Devices etc.)*. You add it to your side navigation menu by referring to it using the `type` attribute in your *Section* element. In this manner, the content of the *Section* is defined in the `schema` associated with the `type` that you are referring to.

The following sample gives you an overview of some of the *Dynamic Sections* that are available in Highstage *(We added Icons to make it look nice)*:

```
<section name="action" type="action" icon="fas fa-diamond" />
<section name="doc" type="doc" icon="fas fa-file-alt" />
<section name="part" type="part" icon="fas fa-cube" />
<section name="mail" type="ts_mail" icon="fas fa-envelope" />
<section name="Projects" title="Projects" type="project" icon="fas fa-project-
diagram" />
<section name="Customers" title="Customers" type="customer" icon="fas fa-users" />
<section name="Suppliers" title="Suppliers" type="supplier" icon="fas fa-truck-
loading" />
<section name="manufacturer" title="Manufacturers" type="Manufacturer" icon="fas fa-
conveyor-belt" />
```

> **Notice:** Notice that we do not define the contents of these *Sections*, as the contents are defined elsewhere. We simply refer to it using the `type` attribute.

This gives you the following result:

ITEMS

◆ Actions   >

📄 Documents   >

📦 Parts   >

✉ Mails   >

🖧 Projects   >

👥 Customers   >

🛒 Suppliers   >

🏭 Manufacturers   >

ENTITIES

SETTINGS

🧰 System   >

❓ Help   >

⚙ Badge Example   >

Use existing default dynamic sections

By default, Highstage provides a number of sections that is loaded from existing basetypes with a number of predefined sections and links to support the basic features in relation to those basetypes.

These dynamic sections can be added to your menu, using any of the pre-defined dynamic sections from the following snippet. A sample is shown below:

```
<section name="action" type="action" />
<section name="doc" type="doc" />
<section name="part" type="part" />
<section name="project" type="project" />
<section name="ts_user" type="ts_user" />
<section name="ts_user2" type="ts_mail" />
<section name="ts_system" type="ts_system" />
```

Modify an existing dynamic sections

You can customize any of the existing dynamic sections by declaring the `<menu>` element and appropriate menu content within the associated basetype `<type>`.

For instance, the following snippet modifies the existing **Document** dynamic section, and adds a new menu section to it:

```
<type name="doc">
    <menu name="default">
        <section name="CustomSection" title="A NEW DROP DOWN MENU" />
    </menu>
</type>
```

Create a new dynamic sections

You can create new dynamic sections for any basetype in Highstage. To do so, create a `<menu>` inside the `<type>` element of the appropriate basetype.

As an example the following snippet creates a new menu associated with the basetype *product*:

```
<type name="product">
    <menu name="default" title="@[type:titles]" expanded="0">
        <link name="new" title="New" url="ts/new.aspx?t=product" />
    </menu>
</type>
```

To use this dynamic section in your menu, simply add it as a `<section>` in your existing menu where you specify `type="product"` :

```
<type name="ts_menu">
    <menu name="default">
        <section name="ProductSection" type="product" />
    </menu>
</type>
```

Links

A `<link>` element can be used as a stand-alone menu item as they add a hyperlink *(URL)* that the user is navigated to when clicked. These links functions as the various menu items that are added to the menu.

Attributes

The following attributes are available to be used in `<link>` elements:

attribute	Description	Samples	Required	Note
`name`	Mandatory and unique ID	`name="ID"`	✔	Each `<link>` must have an unique ID in the `name` attribute.
`url`	Defines the URL that the user is navigated to when clicked.	`url="/ts/search.aspx?&t=doc`	✔	-
`title`	Text to be displayed in the link.	`title="Documents"`	✘	Will display `name` if not defined.

attribute	Description	Samples	Required	Note
`icon`	Icon to be displayed in the link.	`icon="fas fa-user"`	✗	[Default icons](#) are displayed if not defined. Learn more about the [available icons.](#)
`customicon`	Custom Icon to be displayed in the link.	`customicon="/tweak/icon.svg"`	✗	Lean more about [custom icons](#).
`size`	Configure the size of the link.	Small: `size="small"` Medium: `size="medium"` Large: `size="large"`	✗	Will use medium if not defined.
`description`	Displays a short descriptive text under the title	`description="Lorem Ipsum"`	✗	Only available for links in `large`.
`trustees`	List of vector roles allowed to see the link.	`trustees="Everyone"`	✗	Defaults to `Everyone` if not defined.

Line separations
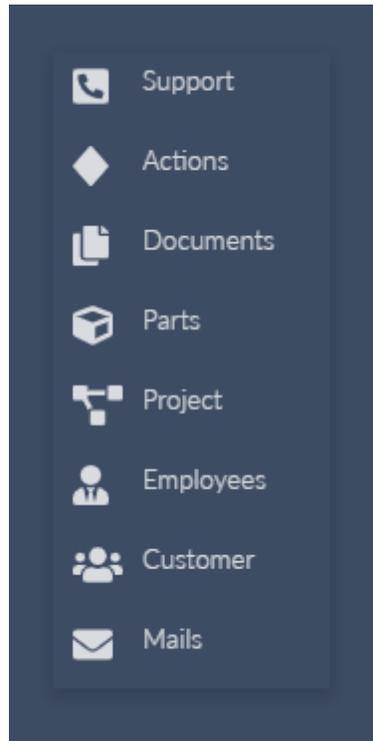
A line separation between various menu elements can be added to the menu, using the following snippet:

```
<break name="ID"/>
```

> **Note:** Remember that the `name` value must be unique for each `<break>` element that is added to the menu.

Icons

Icons are now available to be used in *Sections* and *Links* in the side navigation menu, to give more context to the capabilities that each menu item has to offer:

Bundled Icons

We support a plethora of readily available Icons for any occasion as made available by Font Awesome.

1. Select any available *Solid* or *Regular* icon from the list of available icons from any of the listed categories (Solid or Regular).
2. Click on the selected icon that you want to use in Highstage.
3. Copy the text within the `<i> </i>` field:

badge 🔗

📁 shopping   shapes   business   interfaces   status

● Solid ▾

⊞ None ▾   ⟳ None ▾

[   ]   ⟦ ⟧ None ▾

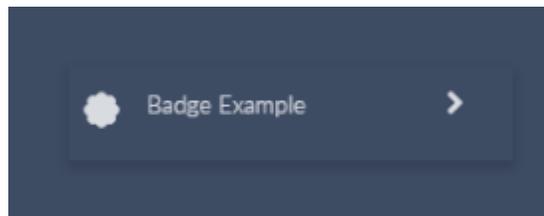⬇   🚀 Get Started

| HTML | REACT | VUE.JS | SVG |

```
<i class="fas fa-badge"></i>
```

ℹ Learn about   Accessibility + Icons

4. Paste the text *(ex. fas fa-badge)* into the appropriate `icon` attribute of the *Section* or *Link* where you want to use that specific icon:

```
<section name="sectionID" title="Badge Example" icon="fas fa-badge" > </section>
```

This will give you the following result in the side navigation menu:

✿ Badge Example   ❯

Custom Icons

Sections and *Links* supports the use of custom icons if the default selection falls short and you want a more personalized look in your Highstage menu.

1. Create an icon in a `.SVG` or `.PNG` format *(we recommend a icon size that fits within a 20x20px area with transparent background)*.

2. Save the icon in the `tweak` folder in your Highstage installation.

3. Add the directory of the icon to the `customicon` attribute in your *Section* or *Link*:

Section:

```
<section name="sectionID" title="Custom Icon Example"
customicon="/tweak/customicon.svg" > </section>
```

Link:

```
<link name="linkID" title="Another Custom Icon Example"
customicon="/tweak/customicon.png" url="#" />
```

Parameters

A number of *Parameters* has been added to give more control over capabilities of the side navigation menu.

These can be accessed by navigating to `SYSTEM` > `PARAMETERS` > `UI Parameters` in the side navigation menu as an administrator.

The following *Parameters* can be configured to control specific functionalities of the menu:

Parameter	Description
`Icons`	Enable (✔) or disable (✘) the use of *Icons* in the side navigation menu.
`SidemenuExclusive`	Enable (✔) or disable (✘) whether only *one* single section can be expanded at a time.
`DefaultItemMenuIcon`	A default [bundled icon](#) is shown If no `icon` attribute is defined in a `<link>` element .
`DefaultSectionMenuIcon`	A default [bundled icon](#) is shown If no `icon` attribute is defined in a `<section>` element .
`SidemenuWidth`	Controls the width of the side navigation menu *(in pixels)*.

Highstage