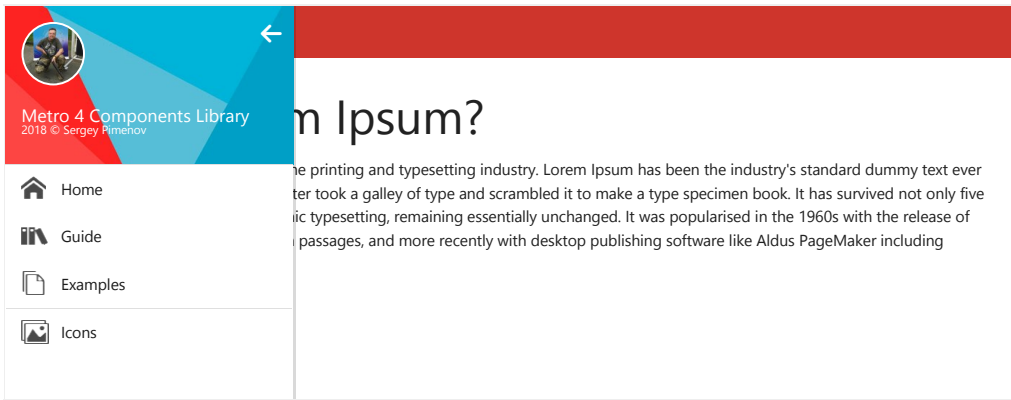# Sidebar

Create a hidden sidebar with a special component.

About

New in 4.2.7

Often you can see the component that hides on the side of the content and contains a menu and is displayed on demand. Such a component is called a sidebar. You can create it with Metro 4 `sidebar` component.
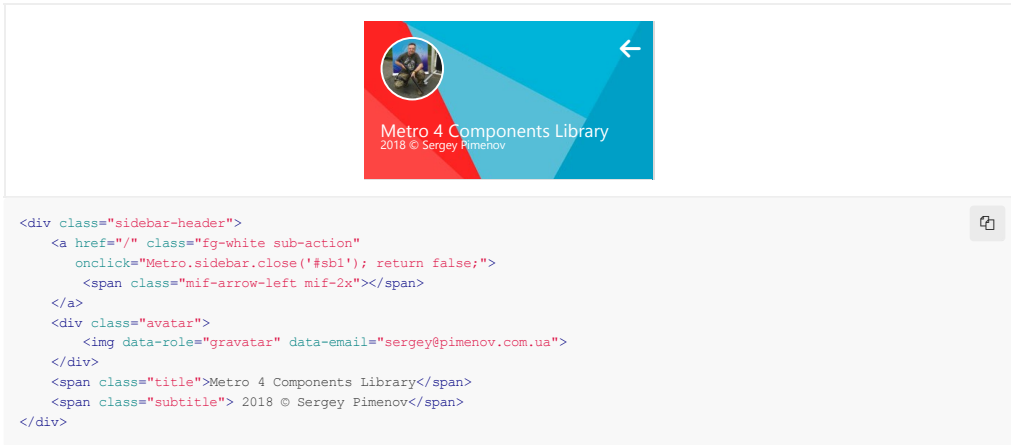

Create sidebar

To create `sidebar` you must write valid `html` structure and to behavior with sidebar, add role `data-role="sidebar"` . The sidebar contains two main blocks: `header` and `menu` .

```
<aside class="sidebar" data-role="sidebar">
    <div class="sidebar-header">
        ...
    </div>
    <ul class="sidebar-menu">
        ...
    </ul>
</aside>
```

Sidebar header

Sidebar header can contains next elements: `.sub-action` , `.avatar` , `.title` and `.subtitle` .


```
<div class="sidebar-header">
    <a href="/" class="fg-white sub-action"
        onclick="Metro.sidebar.close('#sb1'); return false;">
        <span class="mif-arrow-left mif-2x"></span>
    </a>
    <div class="avatar">
        <img data-role="gravatar" data-email="sergey@pimenov.com.ua">
    </div>
    <span class="title">Metro 4 Components Library</span>
    <span class="subtitle"> 2018 © Sergey Pimenov</span>
</div>
```

Sidebar header background

By default, sidebar header have a `white` background color. To change it you must use color classes, add custom style or to, set image background, use special attribute `data-image="..."` .

```
<div class="sidebar-header bg-red">
    ...
</div>
```

...or...

```
<div class="sidebar-header" style="background-color: red;">
    ...
</div>
```

...or...

```
<div class="sidebar-header" data-image="images/sb-bg-1.jpg">
    ...
</div>
```

Sidebar menu

Sidebar menu contains links to site pages or other any targets. The menu is a list with links.

```html
<ul class="sidebar-menu">
    <li><a><span class="mif-home icon"></span>Home</a></li>
    <li><a><span class="mif-books icon"></span>Guide</a></li>
    <li><a><span class="mif-files-empty icon"></span>Examples</a></li>
    <li class="divider"></li>
    <li><a><span class="mif-images icon"></span>Icons</a></li>
</ul>
```

Sidebar menu - grouping items

You can grouping menu items. To mark group, use `<li>` with classes `.group-title` and `.divider`

Main

🏠 Home

📚 Guide

📄 Examples

Settings

⚙ Preferences

👤 Profile

🔳 Logout

```html
<ul class="sidebar-menu">
    <li class="group-title">Group one</li>
    <li><a>Item 1</a></li>
    <li><a>Item 2</a></li>
    <li><a>Item 3</a></li>
    <li class="divider"></li>
    <li><a>Item 4</a></li>
    <li><a>Item 5</a></li>

    <li class="group-title">Group two</li>
    <li><a>Item 6</a></li>
    <li><a>Item 7</a></li>
</ul>
```

Sidebar toggle

You can set sidebar `toggle` with special attribute `data-toggle="..."`. Value for this attribute must be a valid element selector `id` or `class`.
For sidebar toggle Metro 4 bind click event, who toggle sidebar state.

```html
<aside class="sidebar pos-absolute z-2" data-role="sidebar" data-toggle="#sidebar-toggle-2">
    <div class="sidebar-header" data-image="images/sb-bg-1.jpg">
        <div class="avatar">
            <img data-role="gravatar" data-email="sergey@pimenov.com.ua">
        </div>
        <span class="title fg-white">Metro 4 Components Library</span>
        <span class="subtitle fg-white"> 2018 © Sergey Pimenov</span>
    </div>
    <ul class="sidebar-menu">
        <li><a><span class="mif-home icon"></span>Home</a></li>
        <li><a><span class="mif-books icon"></span>Guide</a></li>
        <li><a><span class="mif-files-empty icon"></span>Examples</a></li>
        <li class="divider"></li>
        <li><a><span class="mif-images icon"></span>Icons</a></li>
    </ul>
</aside>
<div class="h-100 p-ab">
    <button class="button square pos-absolute pos-top-right"
            id="sidebar-toggle-2">
        <span class="mif-menu"></span>
    </button>
</div>
```

Shifting content

You can use attribute `data-shift="..."` to create shifting content effect.
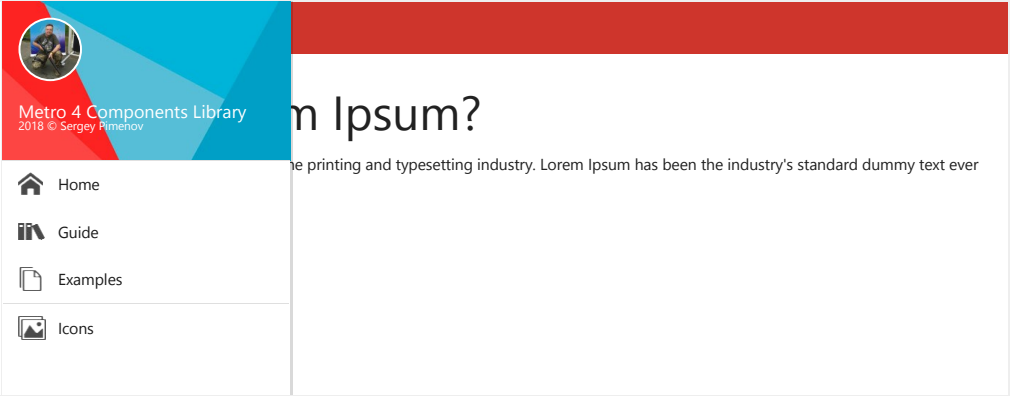
What is Lorem Ipsum?

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

```html
<aside class="sidebar pos-absolute z-2"
       data-role="sidebar"
       data-toggle="#sidebar-toggle-3"
       id="sb3"
       data-shift=".shifted-content">
    <div class="sidebar-header" data-image="images/sb-bg-1.jpg">
        <div class="avatar">
            <img data-role="gravatar" data-email="sergey@pimenov.com.ua">
        </div>
        <span class="title fg-white">Metro 4 Components Library</span>
        <span class="subtitle fg-white"> 2018 © Sergey Pimenov</span>
    </div>
    <ul class="sidebar-menu">
        <li><a><span class="mif-home icon"></span>Home</a></li>
        <li><a><span class="mif-books icon"></span>Guide</a></li>
        <li><a><span class="mif-files-empty icon"></span>Examples</a></li>
        <li class="divider"></li>
        <li><a><span class="mif-images icon"></span>Icons</a></li>
    </ul>
</aside>
<div class="shifted-content h-100 p-ab">
    <div class="app-bar pos-absolute bg-red z-1" data-role="appbar">
        <button class="app-bar-item c-pointer" id="sidebar-toggle-3">
            <span class="mif-menu fg-white"></span>
        </button>
    </div>

    <div class="h-100 p-4">
        <p class="h1">What is Lorem Ipsum?</p>
        <p>
            Lorem Ipsum is simply dummy text of the printing and typesetting industry.
            Lorem Ipsum has been the industry's standard dummy text ever since the 1500s
            ...
        </p>
    </div>
</div>
```

Static sidebar

You can set attribute `data-static="..."` with one of media points `md` , `lg` , `xl` , `xxl` to set rule when sidebar will be opened always. Also you can define elements, who must shifted when sidebar receive `static` state with attribute `data-static-shift="..."` .

```html
<aside class="sidebar pos-absolute z-2"
       data-role="sidebar"
       data-toggle="#sidebar-toggle-4"
       id="sb4"
       data-shift=".shifted-content-2"
       data-static-shift=".shifted-content-2"
       data-static="md">
    <div class="sidebar-header" data-image="images/sb-bg-1.jpg">
        <div class="avatar">
            <img data-role="gravatar" data-email="sergey@pimenov.com.ua">
        </div>
        <span class="title fg-white">Metro 4 Components Library</span>
        <span class="subtitle fg-white"> 2018 © Sergey Pimenov</span>
    </div>
    <ul class="sidebar-menu">
        <li><a><span class="mif-home icon"></span>Home</a></li>
        <li><a><span class="mif-books icon"></span>Guide</a></li>
        <li><a><span class="mif-files-empty icon"></span>Examples</a></li>
        <li class="divider"></li>
        <li><a><span class="mif-images icon"></span>Icons</a></li>
    </ul>
</aside>
<div class="shifted-content-2 h-100 p-ab">
    <div class="appbar pos-absolute bg-red z-1" data-role="appbar">
        <button class="app-bar-item c-pointer" id="sidebar-toggle-4">
            <span class="mif-menu fg-white"></span>
        </button>
    </div>

    <div class="h-100 p-4">
        <p class="h1">What is Lorem Ipsum?</p>
        <p>
            Lorem Ipsum is simply dummy text of the printing and typesetting industry.
            Lorem Ipsum has been the industry's standard dummy text ever since the 1500s...
        </p>
    </div>
</div>
```

```
            </div>
    </div>
```

Options

You can set any options for sidebar:

Options	Data-*	Default	Description
shift	`data-shift`		Set elements selectors who will be shifted
staticShift	`data-static-shift`		Set elements selectors who will be shifted when sidebar in static mode
toggle	`data-toggle`		Set sidebar toggle element
static	`data-static`		Set media point for static mode
menuItemClick	`data-menu-item-click`	true	If true, sidebar will be closed when user click on sidebar menu item

Events

When sidebar works, his generate events. You can use a callback for these events to interact with a stepper.

Event	Data-*	Desc
onOpen(sb)	`data-on-open`	Fired when sidebar open
onClose(sb)	`data-on-close`	Fired when sidebar close
onToggle(sb)	`data-on-toggle`	Fired when sidebar toggle state
onStaticSet(sb)	`data-on-static-set`	Fired when sidebar receive static state
onStaticLoss(sb)	`data-on-static-loss`	Fired when sidebar loss static state
onSidebarCreate(element)	`data-on-sidebar-create`	Fired when sidebar created

Methods

To interact with component you can use methods:

Method	Desc
`open()`	Open sidebar
`close()`	Close sidebar
`toggle()`	Toggle sidebar state
`isOpen()`	Use this method to check sidebar state

Sidebar object

Metro 4 contains special object `Metro.sidebar` to manipulate `Sidebars`. This object contains next methods:

- **open(el)** - open Sidebar
- **close(el)** - close Sidebar
- **toggle(el)** - toggle Sidebar state
- **isSidebar(el)** - check if element is Sidebar instance
- **isOpen(el)** - check if sidebar is open