Tutorial - Basics

5 minutes to learn the most important Docusaurus concepts.

📄 Create a Page

Add Markdown or React files to src/pages to create a standalone page:

📄 Create a Document

Documents are groups of pages connected through:

📄 Create a Blog Post

Docusaurus creates a page for each blog post, but also a blog index page, a tag system, an RSS feed...

📄 Markdown Features

Docusaurus supports Markdown and a few additional features.

📄 Deploy your site

Docusaurus is a static-site-generator (also called Jamstack).

📄 Congratulations!

You have just learned the basics of Docusaurus and made some changes to the initial template.

Create a Page

Add **Markdown or React** files to `src/pages` to create a **standalone page**:

- `src/pages/index.js` → `localhost:3000/`
- `src/pages/foo.md` → `localhost:3000/foo`
- `src/pages/foo/bar.js` → `localhost:3000/foo/bar`

Create your first React Page

Create a file at `src/pages/my-react-page.js`:

src/pages/my-react-page.js

```
import React from 'react';
import Layout from '@theme/Layout';

export default function MyReactPage() {
  return (
    <Layout>
      <h1>My React page</h1>
      <p>This is a React page</p>
    </Layout>
  );
}
```

A new page is now available at http://localhost:3000/my-react-page.

Create your first Markdown Page

Create a file at `src/pages/my-markdown-page.md`:

src/pages/my-markdown-page.md

```
# My Markdown page

This is a Markdown page
```

A new page is now available at http://localhost:3000/my-markdown-page.

Create a Document

Documents are **groups of pages** connected through:

- a **sidebar**
- **previous/next navigation**
- **versioning**

Create your first Doc

Create a Markdown file at `docs/hello.md`:

docs/hello.md

```
# Hello

This is my **first Docusaurus document**!
```

A new document is now available at http://localhost:3000/docs/hello.

Configure the Sidebar

Docusaurus automatically **creates a sidebar** from the `docs` folder.

Add metadata to customize the sidebar label and position:

docs/hello.md

```
---
sidebar_label: 'Hi!'
sidebar_position: 3
---

# Hello

This is my **first Docusaurus document**!
```

It is also possible to create your sidebar explicitly in `sidebars.js`:

sidebars.js

```
module.exports = {
  tutorialSidebar: [
    'intro',
    'hello',
    {
      type: 'category',
      label: 'Tutorial',
      items: ['tutorial-basics/create-a-document'],
    },
  ],
};
```

Create a Blog Post

Docusaurus creates a **page for each blog post**, but also a **blog index page**, a **tag system**, an **RSS** feed...

Create your first Post

Create a file at `blog/2021-02-28-greetings.md`:

```
blog/2021-02-28-greetings.md

---
slug: greetings
title: Greetings!
authors:
  - name: Joel Marcey
    title: Co-creator of Docusaurus 1
    url: https://github.com/JoelMarcey
    image_url: https://github.com/JoelMarcey.png
  - name: Sébastien Lorber
    title: Docusaurus maintainer
    url: https://sebastienlorber.com
    image_url: https://github.com/slorber.png
tags: [greetings]
---

Congratulations, you have made your first post!

Feel free to play around and edit this post as much you like.
```

A new blog post is now available at http://localhost:3000/blog/greetings.

Markdown Features

Docusaurus supports **Markdown** and a few **additional features**.

Front Matter

Markdown documents have metadata at the top called Front Matter:

my-doc.md

```
---
id: my-doc-id
title: My document title
description: My document description
slug: /my-custom-url
---

## Markdown heading

Markdown text with [links](./hello.md)
```

Links

Regular Markdown links are supported, using url paths or relative file paths.

```
Let's see how to [Create a page](/create-a-page).
```

```
Let's see how to [Create a page](./create-a-page.md).
```

Result: Let's see how to [Create a page](#).

Images

Regular Markdown images are supported.

You can use absolute paths to reference images in the static directory (`static/img/docusaurus.png`):

```
![Docusaurus logo](/img/docusaurus.png)
```


You can reference images relative to the current file as well, as shown in the extra guides.

Code Blocks

Markdown code blocks are supported with Syntax highlighting.

````
```jsx title="src/components/HelloDocusaurus.js"
function HelloDocusaurus() {
    return (
        <h1>Hello, Docusaurus!</h1>
    )
}
```
````

```
src/components/HelloDocusaurus.js

function HelloDocusaurus() {
  return <h1>Hello, Docusaurus!</h1>;
}
```

Admonitions

Docusaurus has a special syntax to create admonitions and callouts:

```
:::tip My tip

Use this awesome feature option

:::

:::danger Take care

This action is dangerous

:::
```

> 💡 **MY TIP**
>
> Use this awesome feature option

> 🔥 **TAKE CARE**
>
> This action is dangerous

MDX and React Components

MDX can make your documentation more **interactive** and allows using any **React components inside Markdown**:

```
export const Highlight = ({children, color}) => (
  <span
    style={{
      backgroundColor: color,
      borderRadius: '20px',
      color: '#fff',
      padding: '10px',
      cursor: 'pointer',
    }}
    onClick={() => {
      alert(`You clicked the color ${color} with label
${children}`)
    }}>
    {children}
  </span>
);

This is <Highlight color="#25c2a0">Docusaurus green</Highlight> !

This is <Highlight color="#1877F2">Facebook blue</Highlight> !
```

This is Docusaurus green !

This is Facebook blue !

Deploy your site

Docusaurus is a **static-site-generator** (also called **Jamstack**).

It builds your site as simple **static HTML, JavaScript and CSS files**.

Build your site

Build your site **for production**:

```
npm run build
```

The static files are generated in the `build` folder.

Deploy your site

Test your production build locally:

```
npm run serve
```

The `build` folder is now served at http://localhost:3000/.

You can now deploy the `build` folder **almost anywhere** easily, **for free** or very small cost (read the **Deployment Guide**).

Congratulations!

You have just learned the **basics of Docusaurus** and made some changes to the **initial template**.

Docusaurus has **much more to offer**!

Have **5 more minutes**? Take a look at **versioning** and **i18n**.

Anything **unclear** or **buggy** in this tutorial? Please report it!

What's next?

- Read the official documentation
- Modify your site configuration with `docusaurus.config.js`
- Add navbar and footer items with `themeConfig`
- Add a custom Design and Layout
- Add a search bar
- Find inspirations in the Docusaurus showcase
- Get involved in the Docusaurus Community

Tutorial - Extras

📄 Manage Docs Versions

Docusaurus can manage multiple versions of your docs.

📄 Translate your site

Let's translate docs/intro.md to French.

Manage Docs Versions

Docusaurus can manage multiple versions of your docs.

Create a docs version

Release a version 1.0 of your project:

```
npm run docusaurus docs:version 1.0
```

The `docs` folder is copied into `versioned_docs/version-1.0` and `versions.json` is created.

Your docs now have 2 versions:

- `1.0` at `http://localhost:3000/docs/` for the version 1.0 docs
- `current` at `http://localhost:3000/docs/next/` for the **upcoming, unreleased docs**

Add a Version Dropdown

To navigate seamlessly across versions, add a version dropdown.

Modify the `docusaurus.config.js` file:

docusaurus.config.js
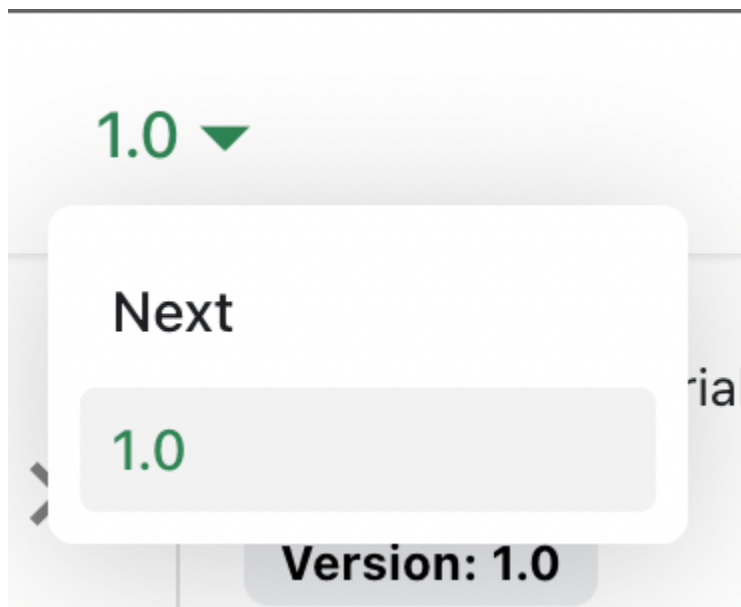
```
module.exports = {
  themeConfig: {
    navbar: {
      items: [
        {
          type: 'docsVersionDropdown',
        },
      ],
    },
  },
};
```

The docs version dropdown appears in your navbar:

Update an existing version

It is possible to edit versioned docs in their respective folder:

- `versioned_docs/version-1.0/hello.md` updates `http://localhost:3000/docs/hello`

- `docs/hello.md` updates `http://localhost:3000/docs/next/hello`

Translate your site

Let's translate `docs/intro.md` to French.

Configure i18n

Modify `docusaurus.config.js` to add support for the `fr` locale:

docusaurus.config.js

```js
module.exports = {
  i18n: {
    defaultLocale: 'en',
    locales: ['en', 'fr'],
  },
};
```

Translate a doc

Copy the `docs/intro.md` file to the `i18n/fr` folder:

```
mkdir -p i18n/fr/docusaurus-plugin-content-docs/current/

cp docs/intro.md i18n/fr/docusaurus-plugin-content-docs/current/intro.md
```

Translate `i18n/fr/docusaurus-plugin-content-docs/current/intro.md` in

French.

Start your localized site

Start your site on the French locale:

```
npm run start -- --locale fr
```

Your localized site is accessible at http://localhost:3000/fr/ and the `Getting Started` page is translated.

> ⚠️ **CAUTION**
>
> In development, you can only use one locale at a same time.
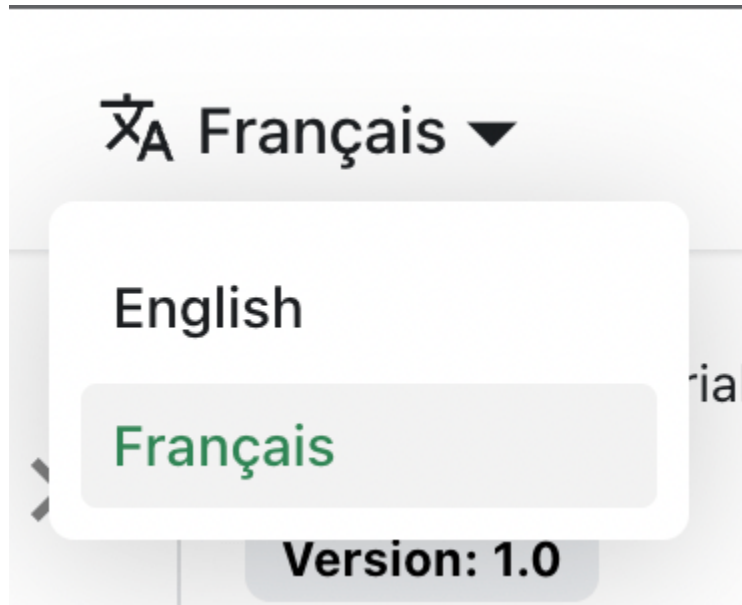
Add a Locale Dropdown

To navigate seamlessly across languages, add a locale dropdown.

Modify the `docusaurus.config.js` file:

docusaurus.config.js

```js
module.exports = {
  themeConfig: {
    navbar: {
      items: [
        {
          type: 'localeDropdown',
        },
```

The locale dropdown now appears in your navbar:

Build your localized site

Build your site for a specific locale:

```
npm run build -- --locale fr
```

Or build your site to include all the locales at once:

```
npm run build
```