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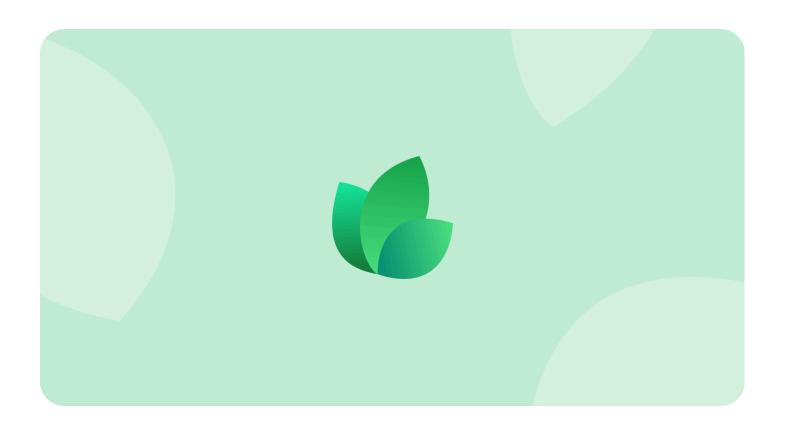
Guides

Get Started

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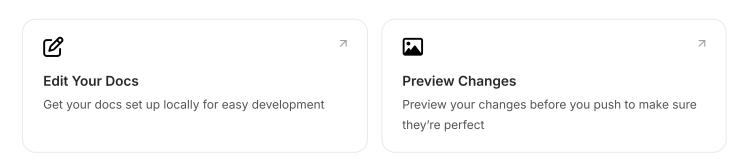
Introduction

Welcome to the home of your new documentation



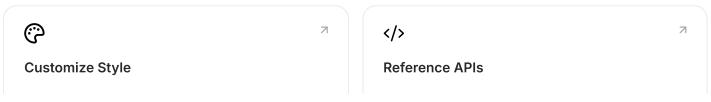
Setting up

The first step to world-class documentation is setting up your editing environments.



Make it yours

Update your docs to your brand and add valuable content for the best user conversion.



Customize your docs to your company's colors and brands

Automatically generate endpoints from an OpenAPI spec

X

7

Add Components

Build interactive features and designs to guide your users



7

Get Inspiration

Check out our showcase of our favorite documentation

Quickstart

Start building awesome documentation in under 5 minutes

Setup your development

Learn how to update your docs locally and deploy them to the public.

Edit and preview

Clone your docs locally

During the onboarding process, we created a repository on your Github with your docs content. You can find this repository on our <u>dashboard</u>. To clone the repository locally, follow these **instructions** in your terminal.

▼ ► Preview changes

Previewing helps you make sure your changes look as intended. We built a command line interface to render these changes locally. 1. Install the Mintlify CLI to preview the documentation changes locally with this command: npm i -g mintlify 2. Run the following command at the root of your documentation (where mint.json is):

mintlify dev

Deploy your changes

▼ Install our Github app

Our Github app automatically deploys your changes to your docs site, so you don't need to manage deployments yourself. You can find the link to install on your **dashboard**. Once the bot has been successfully installed, there should be a check mark next to the commit hash of the repo.

Push your changes

Commit and push your changes to Git for your changes to update in your docs site. If you push and don't see that the Github app successfully deployed your changes, you can also manually update your docs through our dashboard.

Update your docs

Add content directly in your files with MDX syntax and React components. You can use any of our components, or even build your own.



Style Your Docs

Add flair to your docs with personalized branding.



Add API Endpoints

Implement your OpenAPI spec and enable API user interaction.



Integrate Analytics

Draw insights from user interactions with your documentation.



Host on a Custom Domain

Keep your docs on your own website's subdomain.

Development

Preview changes locally to update your docs

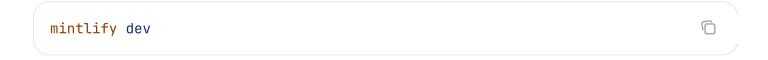
(i) Prerequisite: Please install Node.js (version 19 or higher) before proceeding.

Follow these steps to install and run Mintlify on your operating system:

Step 1: Install Mintlify:



Step 2: Navigate to the docs directory (where the mint.json file is located) and execute the following command:



A local preview of your documentation will be available at http://localhost:3000.

Custom Ports

By default, Mintlify uses port 3000. You can customize the port Mintlify runs on by using the --port flag. To run Mintlify on port 3333, for instance, use this command:

```
mintlify dev --port 3333
```

If you attempt to run Mintlify on a port that's already in use, it will use the next available port:

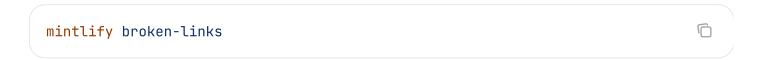
Port 3000 is already in use. Trying 3001 instead.

Mintlify Versions



Validating Links

The CLI can assist with validating reference links made in your documentation. To identify any broken links, use the following command:



Deployment



If the deployment is successful, you should see the following:

All checks have passed

1 successful check





Mintlify Deployment Successful ... Details

Code Formatting

We suggest using extensions on your IDE to recognize and format MDX. If you're a VSCode user, consider the <u>MDX VSCode extension</u> for syntax highlighting, and <u>Prettier</u> for code formatting.

Troubleshooting

▼ Error: Could not load the "sharp" module using the darwin-arm64 runtime

This may be due to an outdated version of node. Try the following:

- 1. Remove the currently-installed version of mintlify: npm remove -g mintlify
- 2. Upgrade to Node v19 or higher.
- 3. Reinstall mintlify: npm install -g mintlify
- ▼ Issue: Encountering an unknown error

Solution: Go to the root of your device and delete the ~/.mintlify folder. Afterwards, run mintlify dev again.

Curious about what changed in the CLI version? Check out the CLI changelog.

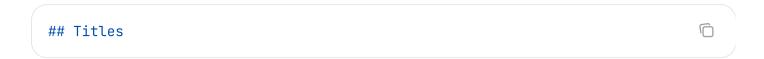
Essentials

Markdown Syntax

Text, title, and styling in standard markdown

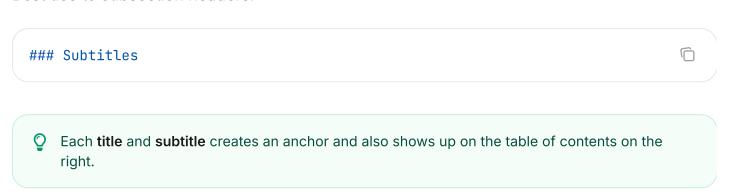
Titles

Best used for section headers.



Subtitles

Best use to subsection headers.



Text Formatting

We support most markdown formatting. Simply add ** , _ , or ~ around text to format it.

Style	How to write it	Result	
Bold	**bold**	bold	
Italic	_italic_	italic	
Strikethrough	~strikethrough~	strikethrough	

You can combine these. For example, write **_bold and italic_** to get bold and italic text.

You need to use HTML to write superscript and subscript text. That is, add <sup> or <sub> around your text.

Text Size	How to write it	Result
Superscript	^{superscript}	superscript
Subscript	_{subscript}	subscript

Linking to Pages

You can add a link by wrapping text in []() . You would write [link to google] (https://google.com) to link to google.

Links to pages in your docs need to be root-relative. Basically, you should include the entire folder path. For example, [link to text](/writing-content/text) links to the page "Text" in our components section.

Relative links like [link to text](../text) will open slower because we cannot optimize them as easily.

Blockquotes

Singleline

Multiline

To create a blockquote, add a > in front of a paragraph.

Dorothy followed her through many of the beautiful rooms in her castle.

> Dorothy followed her through many of the beautiful rooms in her castle.

Dorothy followed her through many of the beautiful rooms in her castle. The Witch bade her clean the pots and kettles and sweep the floor and keep the fire fed with wood.

- > Dorothy followed her through many of the beautiful rooms in her castle.
- > The Witch bade her clean the pots and kettles and sweep the floor and keep the f

LaTeX

Mintlify supports **LaTeX** through the Latex component.

$$8 \times (vk \times H1 - H2) = (0,1)$$

8 x (vk x H1 - H2) =
$$(0,1)$$

Essentials

Code Blocks

Display inline code and code blocks

Basic

Inline Code

```
To denote a word or phrase as code, enclose it in backticks (`).
```

```
To denote a `word` or `phrase` as code, enclose it in backticks (`).
```

Code Block

Use <u>fenced code blocks</u> by enclosing code in three backticks and follow the leading ticks with the programming language of your snippet to get syntax highlighting. Optionally, you can also write the name of your code after the programming language.

```
class HelloWorld {
   public static void main(String[] args) {
      System.out.println("Hello, World!");
   }
}
```

```
``java HelloWorld.java

class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello, World!");
    }
}
```

Images and Embeds

Add image, video, and other HTML elements



Image

Using Markdown

The markdown syntax lets you add images using the following code

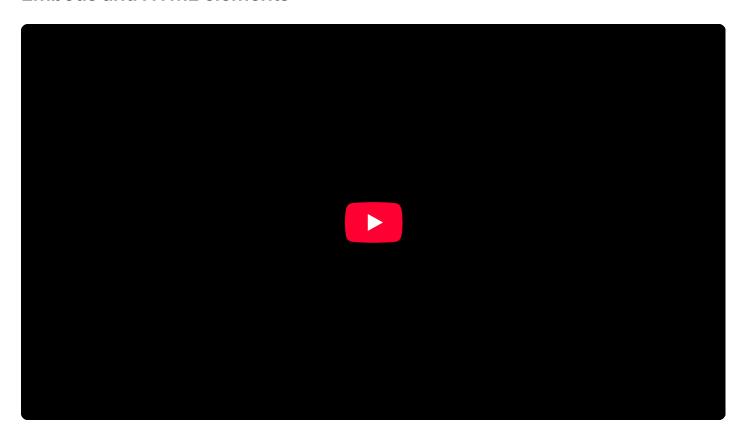
![title](/path/image.jpg)

Note that the image file size must be less than 5MB. Otherwise, we recommend hosting on a service like **Cloudinary** or **S3**. You can then use that URL and embed.

Using Embeds

To get more customizability with images, you can also use **embeds** to add images

Embeds and HTML elements



Q

Mintlify supports <u>HTML tags in Markdown</u>. This is helpful if you prefer HTML tags to Markdown syntax, and lets you create documentation with infinite flexibility.

iFrames

Loads another HTML page within the document. Most commonly used for embedding videos.

<iframe src="https://www.youtube.com/embed/4KzFe50RQkQ"> </iframe>

Essentials

Settings

Configure the global settings for your documentation



The docs.json file

Skip to the reference

Every documentation site requires a docs.json file.

This file contains the global configuration settings and controls everything from styling and navigation to integrations.

Reference

This section contains the full reference for the docs.json file.

Customization

```
theme required
```

One of the following: mint , maple , palm , willow , linden , almond .

The layout theme of the project. Check out the **Themes** page for more information.

```
name string required
```

The name of the project, organization, or product

```
colors object required
```

The colors to use in your documentation. At the very least, you must define the primary color. For example:

```
{
    "colors": {
        "primary": "#ff0000"
    }
}
```

```
primary string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})$

The primary color of the theme

Must be a hex code beginning with #

Light string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})$

The light color of the theme. Used for dark mode

Must be a hex code beginning with #

dark string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})$

The dark color of the theme. Used for light mode

Must be a hex code beginning with #
```

```
description string
```

Optional description used for SEO and LLM indexing

logo string or object

The logo (for both light and dark mode)

```
    Hide Logo

light string required
```

Path pointing to the light logo file to use in dark mode, including the file extension. Example:

/logo.png

dark string required

Path pointing to the dark logo file to use in light mode, including the file extension. Example: /logo-dark.png

href string (uri)

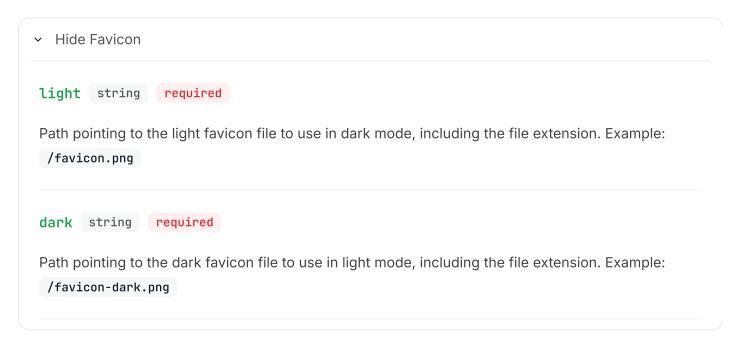
The URL to redirect to when clicking the logo. If not provided, the logo will link to the homepage.

Example: https://example.com

favicon string or object

The path to your favicon file in the docs folder, including the file extension. The file will automatically be resized to appropriate favicon sizes. Can be a single file or a pair for light and dark mode. Example:

/favicon.png



styling object

Styling configurations

Hide Styling

eyebrows "section" | "breadcrumbs"

The eyebrows style of the content. Defaults to section . codeblocks "system" | "dark" The codeblock theme. Defaults to system . icons object Icon library settings Hide Icons library "fontawesome" | "lucide" required The icon library to be used. Defaults to fontawesome . fonts object Hide Fonts family string required The font family, such as "Open Sans", "Playfair Display" weight number The font weight, such as 400, 700. Precise font weights such as 550 are supported for variable fonts. source string (uri) The font source, such as https://mintlify-assets.b-cdn.net/fonts/Hubot-Sans.woff2 format "woff" | "woff2" The font format, can be one of woff, woff2

heading object Hide Heading family string required The font family, such as "Open Sans", "Playfair Display" weight number The font weight, such as 400, 700. Precise font weights such as 550 are supported for variable fonts. source string (uri) The font source, such as https://mintlify-assets.b-cdn.net/fonts/Hubot-Sans.woff2 format "woff" | "woff2" The font format, can be one of woff, woff2

body object

```
Family string required
The font family, such as "Open Sans", "Playfair Display"

weight number
The font weight, such as 400, 700. Precise font weights such as 550 are supported for variable fonts.

source string (uri)
The font source, such as <a href="https://mintlify-assets.b-cdn.net/fonts/Hubot-Sans.woff2">https://mintlify-assets.b-cdn.net/fonts/Hubot-Sans.woff2</a>
```

```
format "woff" | "woff2"
```

The font format, can be one of woff, woff2

appearance object

Light / dark mode toggle settings

```
default "system" | "light" | "dark"
The default light/dark mode. Defaults to system

strict boolean
Whether to hide the light / dark mode toggle. Defaults to true .
```

background object

Background color and decoration settings

Hide Background

image string or object

 Hide Image

light string required

dark string required

decoration "gradient" | "grid" | "windows"

The background decoration of the theme

color object

The colors of the background

Light string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})\$
The color in hex format to use in light mode
Must match pattern: ^#([a-fA-F0-9]6|[a-fA-F0-9]3)\$

dark string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})\$
The color in hex format to use in dark mode
Must match pattern: ^#([a-fA-F0-9]6|[a-fA-F0-9]3)\$

Structure

navbar object

Navbar content and settings

links array of object

The links in the navbar

Hide Links

label string required

href string (uri) required

A valid path or external link primary object Hide Primary type "button" | "github" required label string required The label for the primary button. This only applies when type is set to button. href string (uri) required

A valid path or external link. If type is set to github, this will be the URL to the repository.

```
navigation object required
```

The navigation structure of the content

Hide Navigation

global object

Add external links that will appear on all sections and pages irregardless of navigation nesting

V Hide Global

languages array of object

V Hide Languages

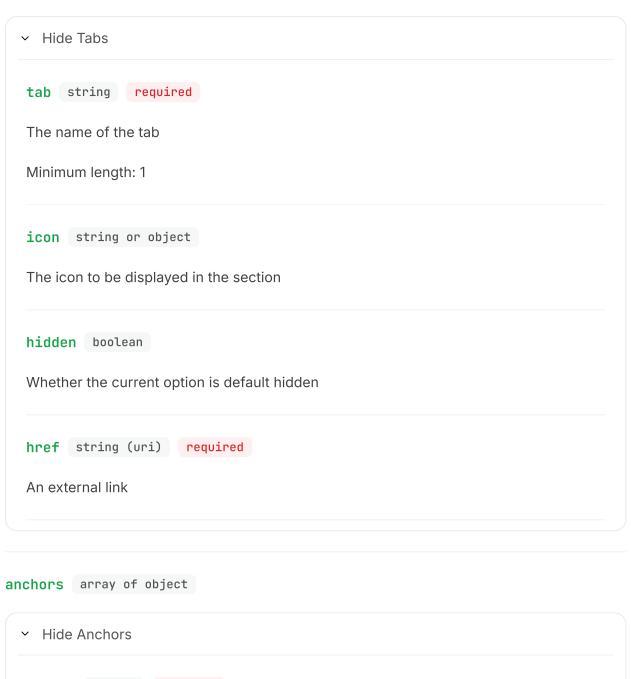
language

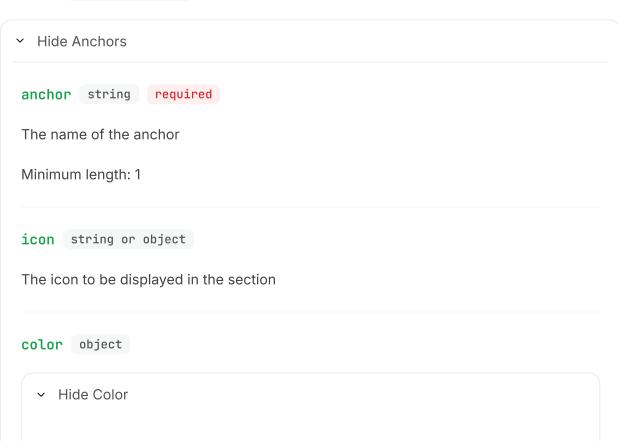
"en" | "cn" | "zh" | "zh-Hans" | "zh-Hant" | "es" | "fr" | "ja" | "jp" | "p

t" | "pt-BR" | "de" | "ko" | "it" | "ru" | "id" | "ar" | "tr" required

required

The name of the language in the ISO 639-1 format default boolean Whether this language is the default language hidden boolean Whether the current option is default hidden href string (uri) required A valid path or external link versions array of object Hide Versions version string required The name of the version Minimum length: 1 default boolean Whether this version is the default version hidden boolean Whether the current option is default hidden href string (uri) required An external link tabs array of object





light string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})\$ The color in hex format to use in light mode Must match pattern: ^#([a-fA-F0-9]6|[a-fA-F0-9]3)\$ dark string matching ^#([a-fA-F0-9]{6}|[a-fA-F0-9]{3})\$ The color in hex format to use in dark mode Must match pattern: ^#([a-fA-F0-9]6|[a-fA-F0-9]3)\$ hidden boolean Whether the current option is default hidden href string (uri) required A valid path or external link dropdowns array of object

dropdown string required The name of the dropdown Minimum length: 1 icon string or object The icon to be displayed in the section hidden boolean

Whether the current option is default hidden

An external link languages array of object Organizing by languages versions array of object Organizing by versions tabs array of object Organizing by tabs anchors array of object Organizing by **anchors** dropdowns array of object Organizing by **dropdowns** groups array of object Organizing by **groups** pages array of string or object An array of **page paths or groups**

href string (uri) required

footer object

Footer configurations

Hide Footer

socials object

An object in which each key is the name of a social media platform, and each value is the url to your profile. For example:

```
{
   "x": "https://x.com/mintlify"
}
```

```
\label{lem:valid_property_names: x , website , facebook , youtube , discord , slack , github , \\ linkedin , instagram , hacker-news , medium , telegram , twitter , x-twitter , earth-americas , bluesky , threads , reddit , podcast \\
```

links array of object

The links to be displayed in the footer

```
header string
The header title of the column
Minimum length: 1

items array of object required
The links to be displayed in the column

V Hide Items

label string required

The label of the link
Minimum length: 1

href string (uri) required
```

The url of the link

banner object

Banner configurations

content string
The content of the banner. This can be a string of text or a markdown string. For example:

{
 "content": " Banner is live! [Learn more](mintlify.com)"
}

dismissible boolean

Whether the banner is dismissible. Defaults to false .

redirects array of object

Hide Redirects

source string required

destination string required

permanent boolean

options array of "copy" | "view" | "chatgpt" | "claude" required

The options to be displayed in the contextual menu. The first option is the default option.

copy : Copy the current page as markdown to the clipboard

view : View the current page as markdown in a new tab

chatgpt : Feed the current page to ChatGPT

claude : Feed the current page to Claude

Contextual Menu

The contextual menu is only available on preview & production deployments.

API Configurations

api object

API reference configuration and playground settings

openapi string or array or object

A string or an array of strings of absolute or relative urls pointing to the OpenAPI file(s)

v Hide Openapi

source string

Minimum length: 1

directory string

no starting slash in the directory

```
asyncapi string or array or object
```

A string or an array of strings of absolute or relative urls pointing to the AsyncAPI file(s)

Source string
Minimum length: 1

directory string

playground object

Configurations for the API playground

display "interactive" | "simple" | "none"
The display mode of the API playground. Defaults to interactive .

proxy boolean
Whether to pass API requests through a proxy server. Defaults to true .

examples object

Configurations for the autogenerated API examples

Hide Examples

languages array of string

defaults "required" | "all"

Whether to show optional parameters in api examples, defaults to all

mdx object

Configurations for API pages generated from MDX files

auth object
Authentication configuration for the API

v Hide Auth

method "bearer" | "basic" | "key" | "cobo"

Authentication method for the API

name string
Authentication name for the API
server string or array

SEO & Search

seo object

SEO indexing configurations

wetatags object

Meta tags added to every page. Must be a valid key-value pair. Possible options here

indexing "navigable" | "all"

Specify which pages to be indexed by search engines. Setting navigable indexes pages that are set in navigation, all indexes all pages. Defaults to navigable .

search object

Search display settings

Hide Search

prompt string

The prompt to be displayed in the search bar placeholder

Integrations

integrations object

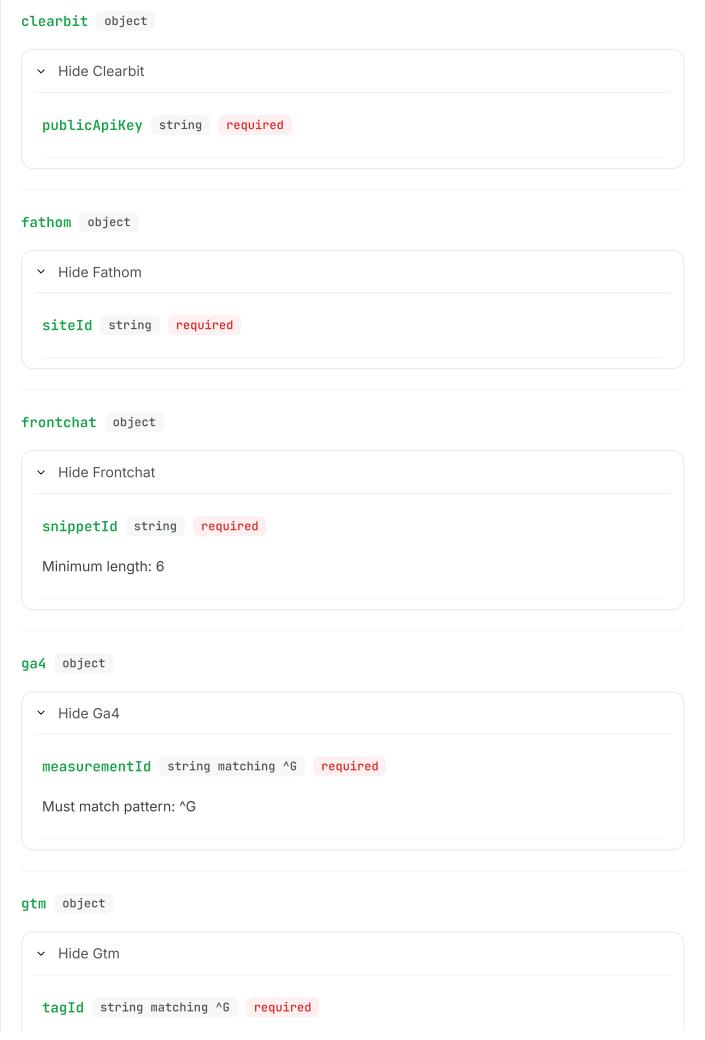
Configurations for official integrations

Hide Integrations

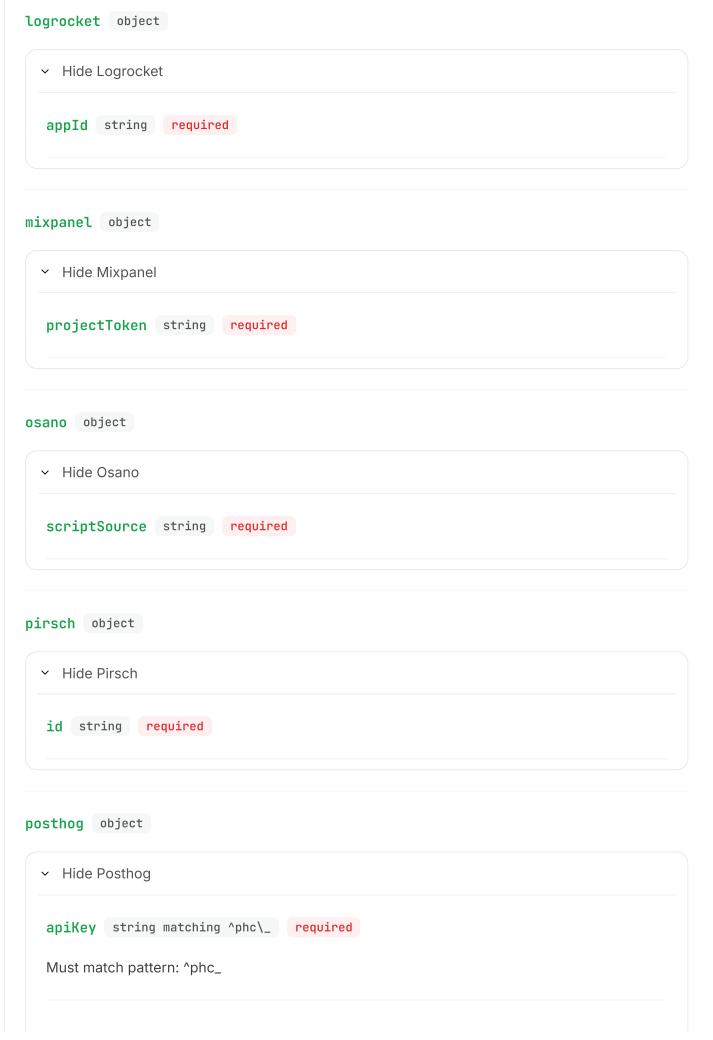
amplitude object

Hide Amplitude

apiKey string required



Must match pattern: ^G heap object Hide Heap appId string required hotjar object Hide Hotjar hjid string required hjsv string required intercom object Hide Intercom appId string required Minimum length: 6 koala object Hide Koala publicApiKey string required Minimum length: 2



```
apiHost string (uri)
plausible object

    Hide Plausible

  domain string required
  server string
segment object

    Hide Segment

  key string required
telemetry object

    Hide Telemetry

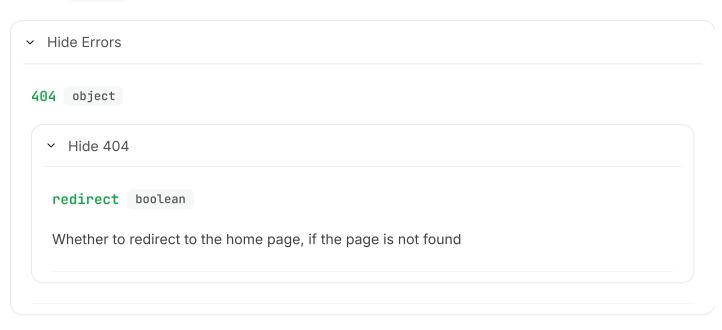
  enabled boolean
cookies object

    Hide Cookies

  key string
  value string
```

Errors

errors object



Validation

It is advised to include the following schema reference at the top of your docs.json file to ensure proper validation while editing:

```
{
   "$schema": "https://mintlify.com/docs.json",
   ...
}
```

Navigation

The navigation field in mint.json defines the pages that go in the navigation menu

The navigation menu is the list of links on every website.

You will likely update mint.json every time you add a new page. Pages do not show up automatically.

Navigation syntax

Our navigation syntax is recursive which means you can make nested navigation groups. You don't need to include .mdx in page names.

Folders

Simply put your MDX files in folders and update the paths in mint.json.

For example, to have a page at https://yoursite.com/your-folder/your-page you would make a folder called your-folder containing an MDX file called your-page.mdx .

You cannot use api for the name of a folder unless you nest it inside another folder. Mintlify uses Next.js which reserves the top-level api folder for internal server calls. A folder name such as api-reference would be accepted.

```
Navigation With Folder
"navigation": [
    {
         "group": "Group Name",
         "pages": ["your-folder/your-page"]
    }
]
```

Hidden Pages

MDX files not included in mint.json will not show up in the sidebar but are accessible through the search bar and by linking directly to them.

Essentials

Reusable Snippets

Reusable, custom snippets to keep content in sync

One of the core principles of software development is DRY (Don't Repeat Yourself). This is a principle that apply to documentation as well. If you find yourself repeating the same content in multiple places, you should consider creating a custom snippet to keep your content in sync.

Creating a custom snippet

Pre-condition: You must create your snippet file in the snippets directory.

(1) Any page in the **snippets** directory will be treated as a snippet and will not be rendered into a standalone page. If you want to create a standalone page from the snippet, import the snippet into another file and call it as a component.

Default export

1. Add content to your snippet file that you want to re-use across multiple locations.

Optionally, you can add variables that can be filled in via props when you import the snippet.

snippets/my-snippet.mdx

Hello world! This is my content I want to reuse across pages. My keyword of the day is {word}.

The content that you want to reuse must be inside the snippets directory in order for the import to work.

2. Import the snippet into your destination file.

```
destination-file.mdx

---
title: My title
description: My Description
---
import MySnippet from '/snippets/path/to/my-snippet.mdx';

## Header

Lorem impsum dolor sit amet.

<MySnippet word="bananas" />
```

Reusable variables

1. Export a variable from your snippet file:

```
snippets/path/to/custom-variables.mdx

export const myName = 'my name';

export const myObject = { fruit: 'strawberries' };
```

2. Import the snippet from your destination file and use the variable:

```
destination-file.mdx

---
title: My title
description: My Description
---
import { myName, myObject } from '/snippets/path/to/custom-variables.mdx';

Hello, my name is {myName} and I like {myObject.fruit}.
```

Reusable components

1. Inside your snippet file, create a component that takes in props by exporting your component in the form of an arrow function.

- MDX does not compile inside the body of an arrow function. Stick to HTML syntax when you can or use a default export if you need to use MDX.
- 2. Import the snippet into your destination file and pass in the props

```
destination-file.mdx

---
title: My title
description: My Description
---
import { MyComponent } from '/snippets/custom-component.mdx';

Lorem ipsum dolor sit amet.

<MyComponent title={'Custom title'} />
```

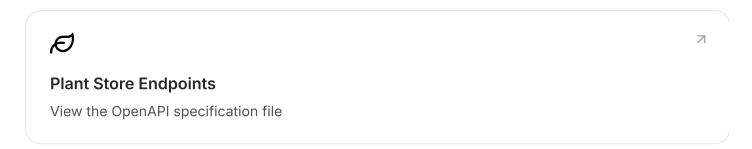
Introduction

Example section for showcasing API endpoints

(!) If you're not looking to build API reference documentation, you can delete this section by removing the api-reference folder.

Welcome

There are two ways to build API documentation: **OpenAPI** and **MDX components**. For the starter kit, we are using the following OpenAPI specification.



Authentication

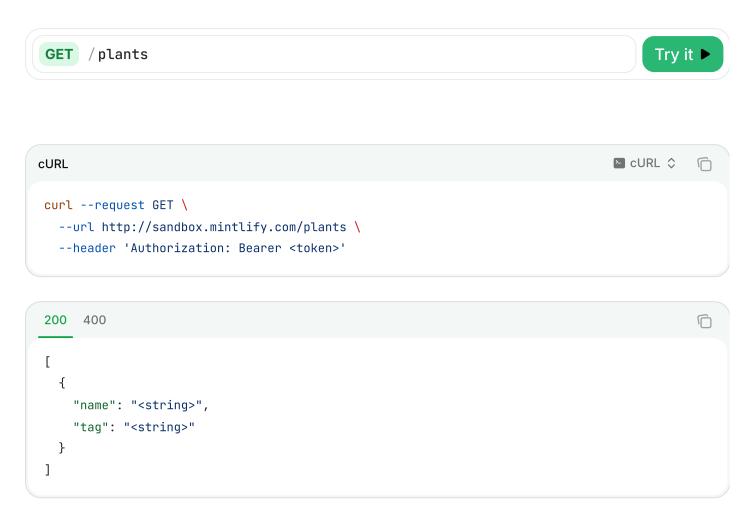
All API endpoints are authenticated using Bearer tokens and picked up from the specification file.

```
"security": [
    {
        "bearerAuth": []
    }
]
```

Endpoint Examples

Get Plants

Returns all plants from the system that the user has access to



Authorizations

Authorization string header required

Bearer authentication header of the form Bearer <token> , where <token> is your auth token.

Query Parameters

limit integer

The maximum number of results to return

Response 200 v application/json

Plant response

name string required

The name of the plant

tag string

Tag to specify the type

Create Plant

Creates a new plant in the store

```
POST /plants Try it ▶
```

```
cURL

curl --request POST \
    --url http://sandbox.mintlify.com/plants \
    --header 'Authorization: Bearer <token>' \
    --header 'Content-Type: application/json' \
    --data '{
        "name": "<string>",
        "tag": "<string>",
        "id": 123
}'
```

```
200 400

{
    "name": "<string>",
    "tag": "<string>"
}
```

Authorizations

```
Authorization string header required
```

Bearer authentication header of the form Bearer <token> , where <token> is your auth token.

Body application/json

Plant to add to the store

name string required The name of the plant id integer required Identification number of the plant tag string Tag to specify the type Response application/json 200 ~ plant response name string required The name of the plant tag string

Tag to specify the type

Endpoint Examples

Delete Plant

Deletes a single plant based on the ID supplied



Authorizations

Authorization string header required

Bearer authentication header of the form Bearer <token> , where <token> is your auth token.

Path Parameters

id integer required

ID of plant to delete