

Daux.io

Daux.io is an documentation generator that uses a simple folder structure and Markdown files to create custom documentation on the fly. It helps you create great looking documentation in a developer friendly way.

Features

- 100% Mobile Responsive
- Supports GitHub Flavored Markdown
- Auto created homepage/landing page
- Auto Syntax Highlighting
- Auto Generated Navigation
- 4 Built-In Themes or roll your own
- Functional, Flat Design Style
- Shareable/Linkable SEO Friendly URLs
- Built On Bootstrap
- No Build Step
- Git/SVN Friendly
- Supports Google Analytics and Piwik Analytics
- Optional code float layout
- Static Output Generation

Demos

This is a list of sites using Daux.io:

- With a custom theme:
 - [Vulkan Tutorial](#)
 - [TrackJs](#)
- With the default Theme
 - [Daux.io](#)
 - [Gltm - An open-source word processor webapp](#)
 - [Invade & Annex 3 - An Arma 3 Co-operative Mission](#)
 - [Munee: Standalone PHP 5.3 Asset Optimisation & Manipulation](#)
 - [ICADMIN: An admin panel powered by CodeIgniter.](#)
 - [Cumulus TV: Android TV app that turns any stream/page into a Live Channel](#)

Do you use Daux.io? Send me a pull request or open an [issue](#) and I will add you to the list.

Install

```
composer global require justinwalsh/daux.io
```

You can then use the `daux` command line to generate your documentation.

If the command isn't found, ensure your `$PATH` contains `~/composer/vendor/bin`

Run on a server

Download this repository as a zip, unpack, and put your documentation in the `docs` folder, you can then serve it with Apache or Nginx.

daux

The command line tool has two commands: `generate` and `serve`, running Daux.io without an argument will automatically run the `generate` command.

You can run `daux --help` to get more details about each command.

Folders

By default, the generator will look for folders in the `docs` folder. Add your folders inside the `docs` folder. This project contains some example folders and files to get you started.

You can nest folders any number of levels to get the exact structure you want. The folder structure will be converted to the nested navigation.

If you'd prefer to keep your docs somewhere else (like outside of the `daux.io` root directory) you can specify your docs path in the `global.json` file.

Files

The generator will look for Markdown files (`*.md` and `*.markdown`) inside the `docs` folder and any of the subfolders within `docs`.

You must use underscores instead of spaces. Here are some example file names and what they will be converted to:

Good:

- `01GettingStarted.md` = Getting Started
- `API_Calls.md` = API Calls
- `200SomethingElse-Cool.md` = Something Else-Cool
- `5WaystoBe_Happy.md` = 5 Ways To Be Happy

Bad:

- `File Name With Space.md` = FAIL

Sorting

To sort your files and folders in a specific way, you can prefix them with a number and underscore, e.g.

`/docs/01_Hello_World.md` and `/docs/05_Features.md` This will list *Hello World* before *Features*, overriding the default alpha-numeric sorting. The numbers will be stripped out of the navigation and urls. For the file `6 Ways to Get Rich`, you can use `/docs/_6_Ways_to_Get_Rich.md`

Landing page

If you want to create a beautiful landing page for your project, simply create a `index.md` file in the root of the `/docs` folder. This file will then be used to create a landing page. You can also add a tagline and image to this page using the config file like this:

```
1 {
2     "title": "Daux.io",
3     "tagline": "The Easiest Way To Document Your Project",
4     "image": "app.png"
5 }
```

Note: The image can be a local or remote image. Use the convention `<base_url>` to refer to the root directory of the Daux instance.

Section landing page

If you are interested in having a landing page for a subsection of your docs, all you need to do is add an `index.md` file to the folder. For example, `/docs/01_Examples` has a landing page for that section since there exists a `/docs/01_Examples/index.md` file. If you wish to have an index page for a section without a landing page format, use the name `_index.md`

Configuration

To customize the look and feel of your documentation, you can create a `config.json` file in the of the `/docs` folder. The `config.json` file is a simple JSON object that you can use to change some of the basic settings of the documentation.

Title:

Change the title bar in the docs



```
1 {
2     "title": "Daux.io"
3 }
```

Themes:

We have 4 built-in Bootstrap themes. To use one of the themes, just set the `theme` option to one of the following:

- daux-blue
- daux-green
- daux-navy
- daux-red

```
1 {
2     "html": {
3         "theme": "daux-green"
4     }
5 }
```

Custom Theme:

To use a custom theme, just copy over the theme folder as well as the `.thm` file for that theme into the `themes` directory and set its value in the `theme` param in `config.json`

```
1 {
2     "theme": "new-theme",
3 }
```

Code Floating:

By default your code blocks will be floated to a column on the right side of your content. To disable this feature, set the `float` property to `false`.

```
1 {
2     "float": false
3 }
```

Toggling Code Blocks

Some users might wish to hide the code blocks & view just the documentation. By setting the `toggle_code` property to `true`, you can offer a toggle button on the page.

```
1 {
2     "toggle_code": true
3 }
```

GitHub Repo:

Add a 'Fork me on GitHub' ribbon.

```
1 {
2     "repo": "justinwalsh/daux.io"
3 }
```

Twitter:

Include twitter follow buttons in the sidebar.

```
1 {  
2     "twitter": ["justin_walsh", "todaymade"]  
3 }
```

Links:

Include custom links in the sidebar.

```
1 {  
2     "links": {  
3         "GitHub Repo": "https://github.com/justinwalsh/daux.io",  
4         "Help/Support/Bugs": "https://github.com/justinwalsh/daux.io/iss  
5 ues",  
6         "Made by Todaymade": "http://todaymade.com"  
7     }  
8 }
```

Google Analytics:

This will embed the google analytics tracking code.

```
1 {  
2     "google_analytics": "UA-XXXXXXXX-XX"  
3 }
```

Piwik Analytics:

This will embed the piwik tracking code.

```
1 {  
2     "piwik_analytics": "my-url-for-piwik.com"  
3 }
```

You can Also give a specific Piwik ID as well.

```
1 {  
2     "piwik_analytics_id": "43"  
3 }
```

Ignore:

Set custom files and entire folders to ignore within your /docs folder. For files make sure to include the file extension in the name. For both files and folders, names are case-sensitive.

```
1 {  
2     "ignore": {  
3         "files": ["Work_In_Progress.md"],  
4         "folders": ["99_Not_Ready"]  
5     }  
6 }
```

Breadcrumb titles

Daux.io provides the option to present page titles as breadcrumb navigation. You can *optionally* specify the separator used for breadcrumbs.

```
1 {
2     "breadcrumbs": true,
3     "breadcrumb_separator" : "> "
4 }
```

Date Modified

By default, daux.io will display the last modified time as reported by the system underneath the title for each document. To disable this, change the option in your config.json to false.

```
1 {
2     "date_modified": false
3 }
```

Timezone

If your server does not have a default timezone set in php.ini, it may return errors when it tries to generate the last modified date/time for docs. To fix these errors, specify a timezone in your config file. Valid options are available in the [PHP Manual](#).

```
1 {
2     "timezone": "America/Los_Angeles"
3 }
```

Inherit Index

This feature will instructs the navigation generator to seek the first available file to use when there is no index in a folder.

```
1 {
2     "html": {
3         "inherit_index": true
4     }
5 }
```

Multi-language

Enables multi-language support which needs separate directories for each language in docs/ folder.

```
1 {
2     "languages": { "en": "English", "de": "German" }
3 }
```

Directory structure:

```
├── docs/
│   ├── index.md
│   └── en
│       ├── 00_Getting_Started.md
│       ├── 01_Examples
│       │   ├── 01_GitHub_Flavored_Markdown.md
│       │   └── 05_Code_Highlighting.md
│       └── 05_More_Examples
```



```
11 matchType="IsDirectory" negate="true" />
12                                     </conditions>
13                                     <action type="Rewrite" url="index.php"
14 appendQueryString="false" />
15                                     </rule>
16                                 </rules>
                                </rewrite>
                        </system.webServer>
</configuration>
```

To use clean URLs on IIS 6, you will need to use a custom URL rewrite module, such as [URL Rewriter](#).

Docker

A docker configuration is also provided to run daux within a container, you can either run daux with php5 or php7.

```
cd docker
docker-compose -f docker-compose.7.yml up -d
```

You can then point your browser to <http://localhost:8086>

PHP Requirements

Daux.io is compatible with PHP 5.5 and up.

The reason is because some dependencies we have (mainly Symfony and Guzzle) do not support php 5.4 anymore.

Extensions

PHP Needs the following extension to work : `php-mbstring` and `php-xml`.

If you encounter an error similar to `utf8_decode() not found` this means that you're missing the `php-xml` package. (We've seen it happen only on PHP 7)

Support

If you need help using Daux.io, or have found a bug, please create an issue on the [GitHub repo](#).