

# MkDocs plugins to manage blog's pages and content

Install MkDocs plugins, add them into the site, customize plugins and rendered content.

`#mkdocs`

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# 1. Awesome Pages

MkDocs Awesome Pages plugin simplifies configuring page titles and their entries order.

Install the plugin:

```
pip install -U mkdocs-awesome-pages-plugin
```

Enable the extension:


```
plugins:
  - search # built-in search must be always activated
  - awesome-pages
```

It overrides the `nav` sections in the site config file `mkdocs.yml`, and provides some extra configs:

1. Create a YAML file named `.pages` in a directory and use the `nav` attribute to customize the navigation on that level. List the files and subdirectories in the order that they should appear in the navigation.
2. A `...` entry to specify where all remaining items should be inserted. It can filter the remaining items using glob patterns or regular expressions.

e.g.

```
nav:
  - ... | introduction-*.md
  - ...
  - summary.md
```

 The pattern is checked against the basename of remaining items - not their whole path.

3. Optionally specify a title for the navigation entry
4. Add additional links to the navigation entry.

e.g.

```
nav:
  - ...
  - First page: page1.md
  - Link Title: https://lukasgeiter.com
```

5. Hide directory by setting the `hide` attribute to `true`.
6. Set directory title using the `title` attribute.
7. Collapse single nested pages by setting `collapse_single_pages` to `true`.

## 2. Macros

[MkDocs macro plugin](#) is a plugin/framework that makes it easy to produce richer and more beautiful pages. It can do two things:

1. Transforming the markdown pages into [Jinja2 templates](#) that use variables, calls to macros and custom filters.
2. Replacing MkDocs plugins for a wide range of tasks: e.g. manipulating the navigation, adding files after the html pages have already been generated etc.

Install the plugin:

```
pip install -U mkdocs-macros-plugin
```

Enable the extension:

```
plugins:  
  - search # built-in search must be always activated  
  - macros
```

### incomplete data

The macro `{{ navigation.pages }}` contains a list of all pages, but the data of each page maybe not complete, such as title or meta-data.

## 3. Mermaid

[MkDocs Mermaid2 plugin](#) is a plugin to render textual graph description into [Mermaid](#) graphs (flow charts, sequence diagrams, pie charts, etc.).

Install the plugin:

```
pip install -U mkdocs-mermaid2-plugin
```

Enable the extension:

```
plugins:  
  - search # built-in search must be always activated  
  - mermaid2
```

And configure the codeblock parser for mermaid2 blocks:

```
markdown_extensions:  
  - pymdownx.superfences:  
      custom_fences:  
        - name: mermaid  
          class: mermaid  
          format: !!python/name:mermaid2.fence_mermaid
```

Example:

```
``` mermaid  
graph LR  
  A[Start] --> B{Error?};  
  B -->|Yes| C[Hmm...];  
  C --> D[Debug];  
  D --> B;  
  B -->|No| E[Yay!];  
```
```

will render as:

