

Options for MkDocs PDF Generate Plugin

Options

Revision 0.2

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Options

The plugin allows users to pass in both global and local options.

Note

Local options has a higher precedence than global options.

Global Options

Some of these global options are used as default options when local options are not set. The global options are passed to the plugin through `mkdocs.yml` :

```
plugins:
  - pdf-generate:
      author: "Randy Duodu"
      author_logo: img/logo.svg
      copyright: "Copyright © 2022 - MkDocs PDF Generate"
      disclaimer: "Disclaimer: Content can change at anytime and best to refer to website
for latest information."
      cover: true
      cover_title: TITLE TEXT
      cover_subtitle: SUBTITLE TEXT
      custom_template_path: TEMPLATES PATH
      toc: false
      toc_level: 3
      toc_title: TOC TITLE TEXT
      toc_numbering: true
      cover_images:
        default: img/default.svg
        type1: img/type1.png
        type2: https://example.com/cover.svg
      enabled_if_env: ENABLE_PDF_EXPORT
```

for Cover

cover

Set the value to `false` if you don't need a cover page.

default: `true`

cover_title

Set the title text in cover page.

Note

The following rule is applied when setting the value for cover title text in cover page.

Cover Title precedence:

1. `title` (local pdf metadata option)
2. H1 heading for page
3. `cover title` (global)
4. `site_name` variable in your project's `mkdocs.yml`

default: use `site_name` in your project's `mkdocs.yml`

`cover_subtitle`

Set the subtitle text in cover page.

Note

The following rule is applied when setting the value for cover subtitle text in cover page.

Cover Subtitle precedence:

1. `subtitle` (local pdf metadata option)
2. `type` (local pdf metadata option)
3. `cover subtitle` (global)

default: `None`

`author`

Set the author text.

default: use `site_author` in your project's `mkdocs.yml`

`author_logo`

Provide a logo image which you can use in the cover page.

**Tip**

Using an SVG image as the value for author logo is recommended.

default: use `theme.logo` in your project's `mkdocs.yml`

copyright

Set the copyright text.

default: use `copyright` in your project's `mkdocs.yml`

disclaimer

Set the disclaimer text.

default: `None`

cover_images

Set the cover image for specific document types.

The option takes a `key-value` pair where the `key` must be the same value as you specified for the `type` local pdf metadata option.

The `value` for a `key` must be the path to the image.

Example:

```
- pdf-generate:
  cover_images:
    default: img/home-banner.svg
    home: img/manual-banner.svg
    options: img/project-banner.svg
    customize: img/tutorial-banner.svg
```

Note

Apart from the `default` key-value pair under `cover_images`, the other key-value pairs can have user-defined values.

Recommended: You must specify an image path for the `default` key-value pair. We will use the image as the cover image for any document that does not specify the `type` local pdf metadata option.

default: `None`

for Heading and TOC

`toc`

Set the value to `false` if you don't need a table of content section in the PDF document.

default: `true`

`toc_title`

Set the title text for *Table of Contents*.

default: `Table of Contents`

`toc_level`

Set the level of *Table of Contents*. This value is enabled in the range of from `1` to `3`.

default: `3`

Note

The developers are working on extending the range for `toc_level` option from a value between `1-3` to a value between `1-6`.

`toc_numbering`

Set the value to `false` if you don't want your table of contents to be numbered in the PDF document.

default: `true`

... and more

`custom_template_path`

The path where your custom cover template (e.g. `cover.html`) is located.

i Info

The custom template's filename should be `cover` with any of these file extensions `.html.j2`, `.html.jinja2`, `.html`, or `.htm`.

You can refer to this [example](#) about how to use a custom cover template.

default: `templates`

enabled_if_env

Setting this option will generate PDF files only if there is an environment variable set to 1. The environment variable must match the value of `enabled_if_env`.

This is useful to disable building the PDF files during development, since it can take a long time to export all files.

default: `None`

PDF generation can take significantly longer than HTML generation which can slow down MkDocs built-in dev-server.

Adding `enabled_if_env: ENABLE_PDF_EXPORT` disables PDF generation during development and runs the dev-server normally:

```
$ mkdocs serve
INFO      - Building documentation...
INFO      - PDF export is disabled (set environment variable ENABLE_PDF_EXPORT to 1 to enable)
INFO      - Cleaning site directory
INFO      - Documentation built in 0.54 seconds
INFO      - [08:51:24] Watching paths for changes: 'docs', 'mkdocs.yml'
INFO      - [08:51:24] Serving on http://127.0.0.1:8000/
```

and to build PDF files, set the `ENABLE_PDF_EXPORT=1` environment variable:

```
$ ENABLE_PDF_EXPORT=1 mkdocs build
...
INFO    -   Converting 2 files to PDF took 1.82s
INFO    -   Documentation built in 2.29 seconds
```

verbose

Setting this to `true` will show all WeasyPrint debug messages during the build.

default: `false`

media_type

Allows you to use a different CSS media type (or a custom one like `pdf-generate`) for the PDF export.

default: `print`

theme_handler_path

Allows you to specify a custom theme handler module. This path must be **relative to your project root** (See example below).

default: `None`

`mkdocs.yml`:

```
plugins:
  - pdf-generate:
      theme_handler_path: theme-handler
```

```
project-root
├─ theme-handler.py
├─ docs
├─ mkdocs.yml
├─ site
├─
└─
```

Local Options

The plugin allows you to set document specific options using the Markdown page metadata. If a page metadata is specified, it has higher precedence than the [global options](#).

The local options are specified in the specific Markdown document you want to use:


```
---
pdf:
  - build: false
  - filename: Plugin Options
  - title: Options for MkDocs PDF Generate Plugin
  - type: Manual
  - revision: 0.2
---
```

The following options are available:

- build
- title
- subtitle
- type
- filename
- revision

build

Allows you to specify whether to generate a PDF file for a Markdown file. Value is `true` or `false`.

Note

The function of the build option is different from that of the [enabled_if_env](#). The `build` option disables PDF generation for a single Markdown file while `enabled_if_env` disables PDF generation for the entire project.

default: `true`

`title`

Set the title text in cover page.

`subtitle`

Set the subtitle text in cover page.

`type`

Set the document type.

NB: We use the value for this option in selecting the document's cover image from the [cover_images](#) option.

`filename`

Set the filename to use for a specific page when downloading the PDF document.

Note

Filename precedence:

1. `filename` (local pdf metadata) - formatted such that all are valid characters
2. `title` (local pdf metadata) - formatted such that all are valid characters
3. H1 - formatted such that all are valid characters

`revision`

Set the revision text in cover page.