# 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.



Local options has a higher precedence than global options.

# 1 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
```

#### 1.1 for Cover



#### 1.1.1 cover

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

default: true

#### 1.1.2 cover\_title

Set the title text in cover page.



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

#### 1.1.3 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

#### 1.1.4 author

Set the author text.

default: use site\_author in your project's mkdocs.yml

#### 1.1.5 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

#### 1.1.6 copyright

Set the copyright text.

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

#### 1.1.7 disclaimer

Set the disclaimer text.

default: None

#### 1.1.8 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

## 1.2 for Heading and TOC



#### 1.2.1 toc

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

default: true

#### 1.2.2 toc\_title

Set the title text for Table of Contents.

default: Table of Contents

#### 1.2.3 toc\_level

Set the level of Table of Contents. This value is enabled in the range of from 1 to 6.

#### default: 4



The developers are working on extending the range for  $toc_{level}$  option from a value between 1-3 to a value between 1-6.

#### 1.2.4 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

#### 1.3 ... and more



#### 1.3.1 custom\_template\_path

A relative path inside your projects' directory. The folder should contain the 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.Example: cover.html.j2, cover.html.jinja2, cover.html, cover.htm

You can refer to this example about how to use a custom cover template.

**default**: use default plugin template

#### 1.3.2 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...
        - 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
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
```

#### 1.3.3 verbose

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

default: false

#### 1.3.4 media\_type

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

default: print

#### 1.3.5 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
|-- theme-handler.py
|-- docs
|-- mkdocs.yml
|-- site
|-- theme-handler.py
|-- theme-han
```

# 2 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

#### 2.1 build

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



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

#### 2.2 title

Set the title text in cover page.

#### 2.3 subtitle

Set the subtitle text in cover page.

### 2.4 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.



#### 2.5 filename

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



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

#### 2.6 revision

Set the revision text in cover page.