

Generate a PDF file out of MkDocs

This page describes how to generate a PDF file from the [MkDocs](#) documentation using `mkdocs-exporter`.

PDF Export from MkDocs

[MkDocs](#) does not natively support PDF generation. However, the [MkDocs](#) plugins provides several solutions to export the documentation as a PDF. Popular plugins include `mkdocs-pdf-export-plugin` and `mkdocs-with-pdf`, However this how-to focuses on `mkdocs-exporter`.

Installing mkdocs-exporter

First, install the `mkdocs-exporter` package using `pip`:

```
pip install mkdocs-exporter
```

Additionally, Playwright needs to install browser binaries that it uses to render pages. Run the following to install those browsers:

```
playwright install
```

Configuring mkdocs-exporter

Add the plugin to the `mkdocs.yml` configuration file with the basic settings:

```
plugins:
  - exporter:
      formats:
        pdf:
          enabled: true
          concurrency: 8
```

The `concurrency` setting controls how many pages are rendered in parallel, speeding up the PDF generation process.

Aggregating into a Single PDF

By default, the exporter generates individual PDF files for each page. To combine all pages into a single PDF document, enable the aggregator option:

```
plugins:
  - exporter:
      formats:
        pdf:
          enabled: true
          concurrency: 8
          aggregator:
            enabled: true
            covers: all
            output: output.pdf
```

Generating the PDF

After configuration, generate the PDF by running:

```
mkdocs build
```

For the configured aggregation, the combined PDF will be located at `site/output.pdf`. Individual page PDFs are also generated and placed in the same `site/` directory alongside the static HTML files.