

# Sphinx-PDF Generate

**Manual**

**Revision 0.0.1**

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2023, iSOLveIT

*Disclaimer: Content can change at anytime and best to refer to website for latest information.*

# Contents

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1. Sphinx PDF Generate	3
1.1. Requirements	3
1.2. Install the package with pip	4
1.3. Activate Extension	4
1.4. Usage	4
1.5. Contributing	5
1.6. Special thanks	5

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## 1. Sphinx PDF Generate

*A Sphinx extension to generate individual PDF files for each documentation page.*

Sphinx-PDF-Generate extension generates separate PDF files from each HTML page derived from your Sphinx RST files page in your Sphinx documentation using [WeasyPrint](#).

The extension supports many advanced features such as table of contents, customisable cover page , support for CSS paged media module [CSS paged media module](#) , and using Sphinx page metadata to generate cover page.

If you find Sphinx-PDF Generate useful, please consider [starring](#) the project. Thank you!

### 1.1. Requirements

1. This package requires Sphinx version 5.0 or higher.
2. Python 3.8 or higher
3. WeasyPrint depends on cairo, Pango and GDK-PixBuf which need to be installed separately. Please follow the installation instructions for your platform carefully:
  - [Linux](#)
  - [MacOS](#)
  - [Windows](#)
4. Explicit support for your Sphinx theme is probably required using custom CSS. As of now, the supported themes are [Sphinx-Material](#) and [Sphinx-Immaterial](#). A generic version will just generate the PDF files and put the download link into a `<link>` tag.

## 1.2. Install the package with pip

### Note

We recommend you install the extension in a Python virtualenv.

```
pip install sphinx-pdf-generate
```

You can refer to the [Installation](#) page for information.

## 1.3. Activate Extension

You can activate the extension in your **conf.py** file by adding the following:

```
extensions = ["sphinx_pdf_generate"]
```

You can then set the appropriate extension configuration. Visit the [options](#) page to read more.

## 1.4. Usage

You can generate PDF documents for your documentation project by using the command `sphinx-pdf-generate sourcedir outdir` as below:

```
$ sphinx-pdf-generate docs/source docs/_build/html
```

After the documentation build is complete, you should now see the following message at the end of your build output:

```
[sphinx-pdf-generate] Converting 7 file(s) to PDF took 12.1s
```

In your `OUTPUTDIR` e.g.(`docs/_build/html`) you should now have a PDF file for every RST document you decided to build.

You can refer to the [Quickstart](#) page for a good introduction to Sphinx-PDF Generate.

## 1.5. Contributing

From reporting a bug to submitting a pull request: every contribution is appreciated and welcome. Report bugs, ask questions and request features using [GitHub issues](#).

If you want to contribute to the code of this project, please read the [Contribution Guidelines](#).

## 1.6. Special thanks

Many thanks to [Terry Zhao](#) the author of the [MkDocs PDF Export Plugin](#) and [Jonathan Stoppani](#) the author of the [Sphinx-Autobuild Plugin](#).

Their projects inspired the creation of this plugin. We've used some of their code in this project.