



bookup  
a book template

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Bookup

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Folder: someone's book shelf, by Silvio Rhatto.

BOOKUP - VOLUME I

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[HTTPS://BOOKUP.FLUXO.INFO](https://bookup.fluxo.info)

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# *Contents*

<i>1</i>	<i>Introduction</i>	<i>7</i>
<i>2</i>	<i>Features</i>	<i>9</i>
<i>3</i>	<i>Workflow</i>	<i>11</i>
<i>4</i>	<i>Folder structure</i>	<i>13</i>
<i>5</i>	<i>Installation</i>	<i>15</i>
<i>5.1</i>	<i>Vendorization</i>	<i>15</i>
<i>5.2</i>	<i>Symbolic links</i>	<i>15</i>
<i>5.3</i>	<i>Required files</i>	<i>15</i>
<i>5.4</i>	<i>Optional files</i>	<i>16</i>
	<i>Bibliography</i>	<i>17</i>



# 1

## *Introduction*

Bookup<sup>1</sup> is a set of templates, scripts and workflows for book authoring in HTML, PDF and other formats.

It's a modular software component based on Bookdown.

It was created to solve the problem of editing many books simultaneously: Bookup helps to keep an uniform scheme instead of having to implement and fix functionalities across many repositories in parallel.

[Bookup][] makes book production similar to working with other codebases.

But [Bookup][] is very opinionated. You can understand it as an specific setup of Bookdown and other software, plus conventions and heuristics tuned to an specific use case.

[Bookup][] code is available at <https://0xacab.org/rhatto/bookup>.

<sup>1</sup> Rhatto (2024)



## 2

# *Features*

Main Bookup features:

- Makes a book website (HTML format) already integrated with the printer and ebook-friendly version (PDF): the PDF is linked and embedded in the website.
- Builds a companion HTML notebook that can be shared along with the main book, allowing authors to keep additional notes, which is especially handy during book composition.
- Automatically archives old book versions based on Git tags during the build process.
- Automatic bibliography management with BibTeX: all .bib files recursively found in the project folder are made available during compilation.
- Adds the compilation metadata:
  - Version based on Git tag or commit.
  - Compilation date.
- Localization support: templates can be easily translated to other languages.



# 3

## Workflow

Bookup works through *compiling* files from source:

```

                                \                               .--> PDF book
Layout (LaTeX and HTML) \
Source text (Markdown)  >---> Compilation ----<
Bibliography (BibTeX)   /                               \
                                /                               `--> HTML book
```



## 4

### *Folder structure*

A Bookup project folder structure looks like this:

- `archive`: stores old book versions.
- `content`: the actual content:
  - `drafts`: you can leave here texts still being composed.
  - `sections`: here goes the material to be compiled in book format.
  - `notes`: keep texts here to be compiled as a notebook companion.
  - `slides`: keep the slides sources here.
- `site`: an optional website used as base; if that exists, the book will be place inside the `build/book` folder.
- `slides`: if this folder is available, it will be considered as the compiled slides folder and will be included in the `build/slides` folder.
- `build`: the compiled book (HTML, PDF and other formats):
  - `notes`: the compiled notebook.
  - `book`: the compiled book, if there's a `site` folder available, otherwise the book content will be placed in the toplevel `build` folder.
- `biblio`: bibliography (BibTeX).
- `images`: image folder.
- `vendor/bookup`: where the Bookup codebase actually resides:
  - `content`: Bookup documentation.
  - `vendor/{Fuse.js, }`: dependencies.



# 5

## *Installation*

Bookup installation procedure.

### *5.1 Vendorization*

- Vendorization (bookup and bibliography repositories).

### *5.2 Symbolic links*

- `_bookdown.yml`.

### *5.3 Required files*

- `.gitignore`.
- `_common.yml`.
- `_book.yml`.
- `_notes.yml`.
- `_biblio.yml`.
- `_output.yml`.
- `Makefile`.
- `LICENSE`.
- `DISCLAIMER`.
- `images/cover.png`.
- `snippets/{contact,cover,keywords,project,url,volume}.txt`.
- `snippets/changes.md`.

## 5.4 *Optional files*

- snippets/header.tex.

## *Bibliography*

Rhatto, Silvio. 2024. *Bookup*. Bookup. <https://bookup.fluxo.info>.