

## QUICK START

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### 2.1 PREPARATION

Before starting, you have to install 'R', 'RStudio', 'bookdown' package, and other software and packages (i.e. 'Pandoc', 'LaTeX', 'rmarkdown', 'rticle', 'knitr', etc.) which 'bookdown' depends on. See the official manual of 'bookdown'<sup>1</sup> for details. A brief list is as follows:

1. Download R <sup>2</sup> and install it.
2. Download RStudio <sup>3</sup> and install it.
3. Download LaTeX <sup>4</sup> and install it.
4. Download Pandoc <sup>5</sup> and install it.
5. Run RStudio. Type the following codes in the top-left panel to install 'bookdown' and 'servr' packages:

```
install.packages('bookdown')  
install.packages('servr')
```

Additionally, if you want to produce a poster, python must be installed before using, and the path of python might have to be added to the environmental variables for Windows users. The usage of the poster template is described in Chapter 7.3.

### 2.2 INSTALLATION OF 'BOOKDOWNPLUS'

You can either install the stable version of 'bookdownplus' on CRAN:

```
install.packages('bookdownplus')
```

or the development version on GitHub:

```
devtools::install_github('pzhaonet/bookdownplus')
```

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<sup>1</sup> <https://bookdown.org/yihui/bookdown/>

<sup>2</sup> <https://cran.r-project.org/bin/windows/base/>

<sup>3</sup> <https://www.rstudio.com/products/rstudio/download/>

<sup>4</sup> <http://www.ctex.org/CTeXDownload>

<sup>5</sup> <http://pandoc.org/installing.html>