

Download all books at once

First, set the path where you would like to save all books with the `setwd()` function then download all of them at once with the `download_springer_book_files()` function. Note it takes several minutes since all books combined amount for almost 8GB.

```
setwd("path_of_your_choice") # where you want to save the books
download_springer_book_files(parallel = TRUE)
```

You will find all downloaded books (in PDF format) in a folder named “springer_quarantine_books”, organized by category.²

Create a table of Springer books

You can load into an R session a table containing all the titles made available by Springer, with the `download_springer_table()` function:

```
springer_table <- download_springer_table()
```

This table can then be improved with the `{DT}` package to:

- allow searching a book by its title or author
- allow downloading the list of available books, and
- make the Springer links clickable for instance

```
# install.packages("DT")
library(DT)
```

```
springer_table$open_url <- paste0(
  'SpringerLink' # closing HTML tag
)
```

```
datatable(springer_table,
  rownames = FALSE, # remove row numbers
  filter = "top", # add filter on top of columns
  extensions = "Buttons", # add download buttons
  options = list(
    autoWidth = TRUE,
    dom = "Blfrtip", # location of the download buttons
    buttons = c("copy", "csv", "excel", "pdf", "print"), # download buttons
    pageLength = 5, # show first 5 entries, default is 10
    order = list(0, "asc") # order the title column by ascending order
  ),
  escape = FALSE # make URLs clickable
)
```

Download only specific books

By title

Now, say that you are interested to download only one specific book and you know its title. For instance, suppose you want to download the book entitled “All of Statistics”:

```
download_springer_book_files(springer_books_titles = "All of Statistics")
```

If you are interested to download all books with the word “Statistics” in the title, you can run:

```
springer_table <- download_springer_table()
```

```
library(dplyr)
specific_titles_list <- springer_table %>%
  filter(str_detect(
    book_title, # look for a pattern in the book_title column
    "Statistics" # specify the title
  )) %>%
  pull(book_title)

download_springer_book_files(springer_books_titles = specific_titles_list)
```

By author

If you want to download all books from a specific author, you can run:

```
springer_table <- download_springer_table()

# library(dplyr)
specific_titles_list <- springer_table %>%
  filter(str_detect(
    author, # look for a pattern in the author column
    "John Hunt" # specify the author
  )) %>%
  pull(book_title)

download_springer_book_files(springer_books_titles = specific_titles_list)
```

By subject

You can also download all books covering a specific subject:

```
springer_table <- download_springer_table()

# library(dplyr)
specific_titles_list <- springer_table %>%
  filter(str_detect(
    subject_classification, # look for a pattern in the subject_classification
    column
    "Statistics" # specify the subject
  )) %>%
  pull(book_title)

download_springer_book_files(springer_books_titles = specific_titles_list)
```