

Primeiros passos para criação de livros usando o pacote bookdown do R

Cristian Villegas (clobos@usp.br)

USP, Departamento de Ciências Exatas

03-05-2023

Section 1

13 steps for publishing your own bookdown document

13 steps for publishing your own bookdown document

- Install bookdown R package (Yihui (2015, 2023)):
`install.packages("bookdown")`
- Create a GitHub account <https://github.com/>
- Signing up in your GitHub account
- Create a new repository in your GitHub called **my_first_bookdown**
- Create a new project in RStudio and **Book project using bookdown**

13 steps for publishing your own bookdown document

- Create the util.R file with the following information

```
knitr::opts_chunk$set(message = FALSE,  
                        warning = FALSE)
```

13 steps for publishing your own bookdown document

- Modify the `_bookdown.yml` file

```
output_dir: docs
delete_merged_file: true
new_session: true

language:
  label:
    fig: 'Figura '
    tab: 'Tabela '

ui:
  chapter_name: 'Capítulo '

before_chapter_script: "util.R"
book_filename: "PDF_seminario"
```

13 steps for publishing your own bookdown document

- Build your first bookdown (Ctrl + Shift + B)
- Add your files in your Github **my_first_bookdown** folder
- Click Settings, Pages, Branch, None (Main), /root (/docs) and Save
- Click **my_first_bookdown**
- Wait for the green ball to appear
- Click **https://username.github.io/my_first_bookdown**

Section 2

Exercise

Exercise

Modify everything in your new bookdown

Section 3

More details

More details

- <https://github.com/rstudio/bookdown-demo>
- <https://bookdown.org/yihui/bookdown/>

Section 4

References

References

- Xie, Yihui (2015). Dynamic Documents with R and Knitr. 2nd ed. Boca Raton, Florida: Chapman; Hall/CRC. <http://yihui.org/knitr/>.
- Xie, Yihui (2023). Bookdown: Authoring Books and Technical Documents with r Markdown.
<https://CRAN.R-project.org/package=bookdown>.