

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: **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**
- Modify the `_bookdown.yml` file
- Create the `util.R` file
- 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

Modify the `_bookdown.yml` file

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"
```

Section 3

Add the util.R file

Add the util.R file

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

Section 4

Exercise

Exercise

Modify everything in your new bookdown

Section 5

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>.