

Apresentações com Xaringan

Grupo de estatística

2021/06/04

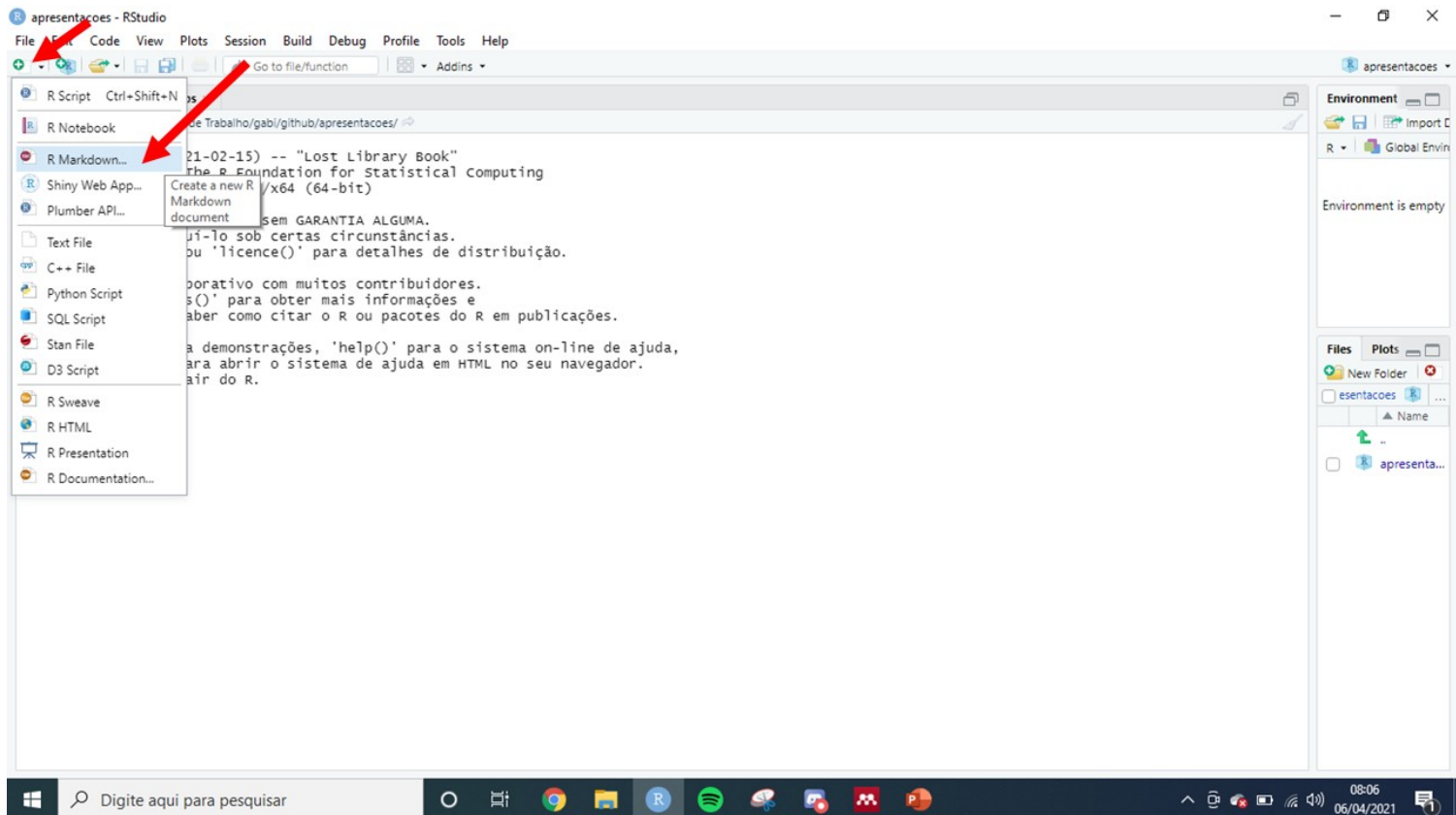
Pré-requisitos

- Pacotes

```
install.packages("xaringan")  
install.packages("xaringanthemer")  
install.packages("pagedown")
```

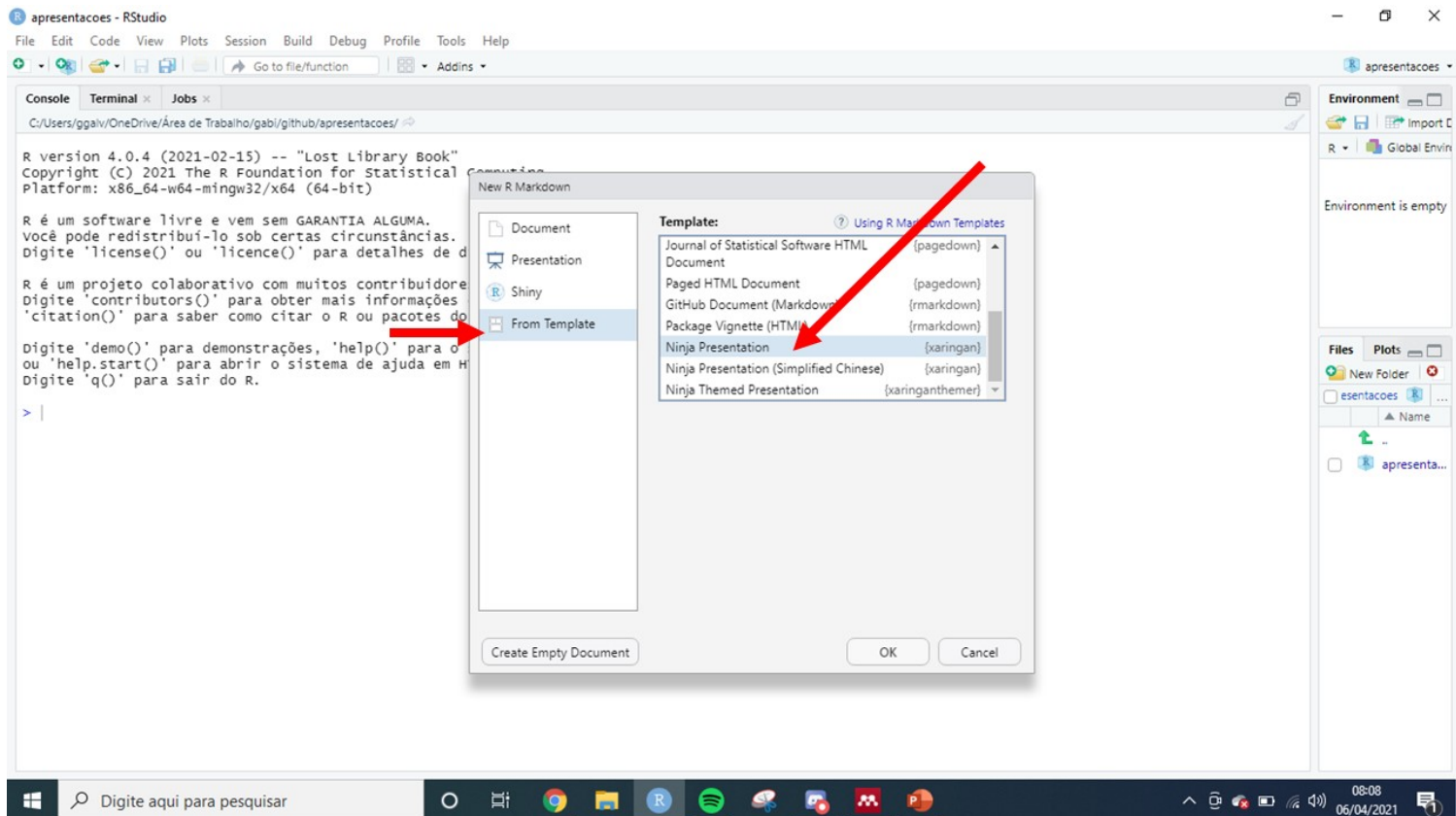
Passo a passo

- Abra um markdown



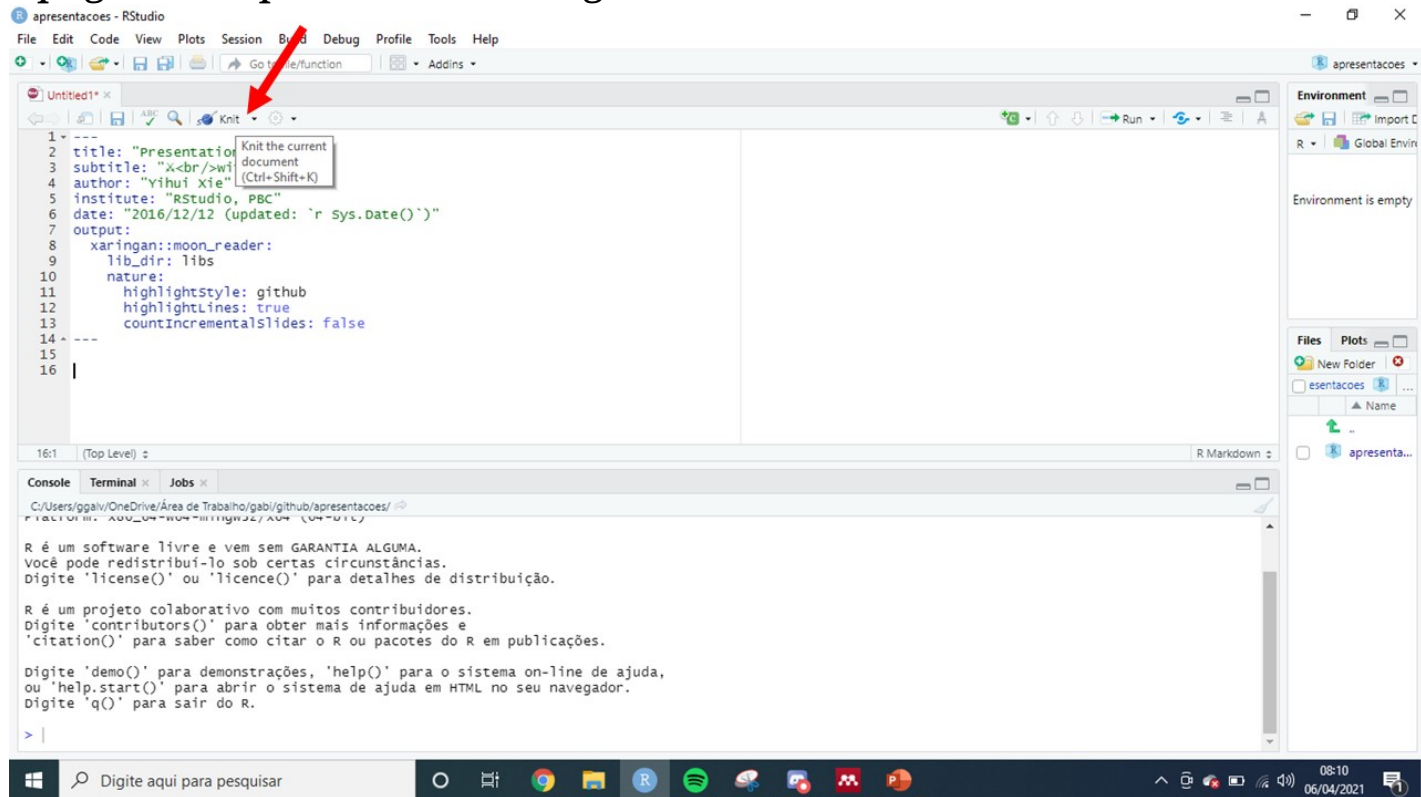
Passo a passo

- From template > ninja presentation



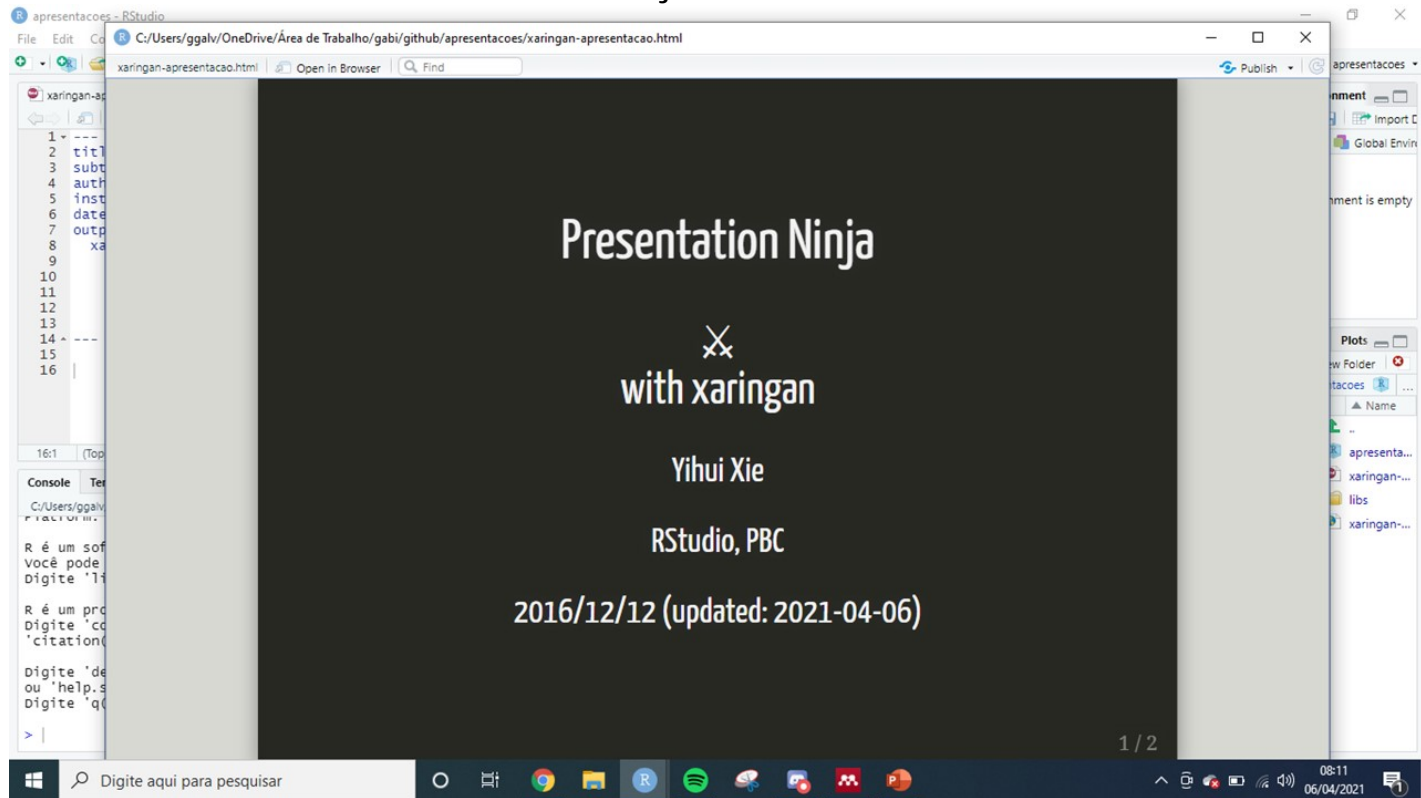
Passo a passo

- Apague o output -"Knit" o código



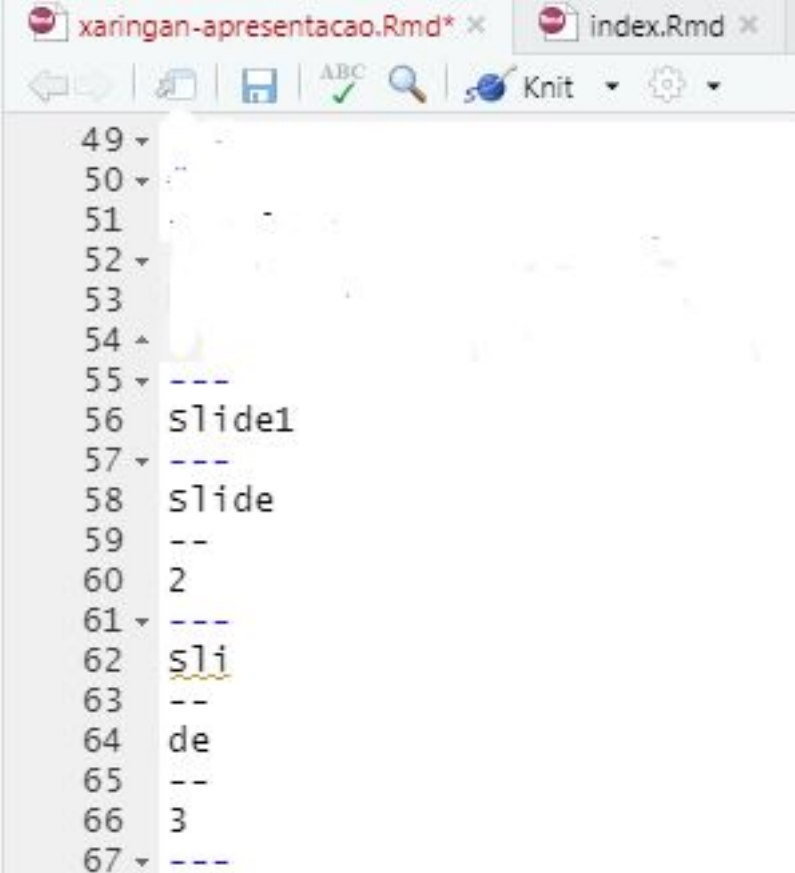
Passo a passo

- Apresentação inicial
- Podemos modificar essas informações



Passo a passo

- O corpo dos slides você vai precisar do **markdown**



The screenshot shows the RStudio editor interface with two tabs: 'xaringan-apresentacao.Rmd*' and 'index.Rmd'. The 'xaringan-apresentacao.Rmd*' tab is active, displaying R Markdown code. The code includes a title 'xaringan' and a list of slides. The slide content is as follows:

```
49  title: xaringan
50  .
51  .
52  .
53  .
54  .
55  ---
56  slide1
57  ---
58  slide
59  --
60  2
61  ---
62  sli
63  --
64  de
65  --
66  3
67  ---
```

Slide1

Slide2

Slide3

Passo a passo

Podemos inserir:

- Código
- Destacar (negrito)
- Links
- Figuras....

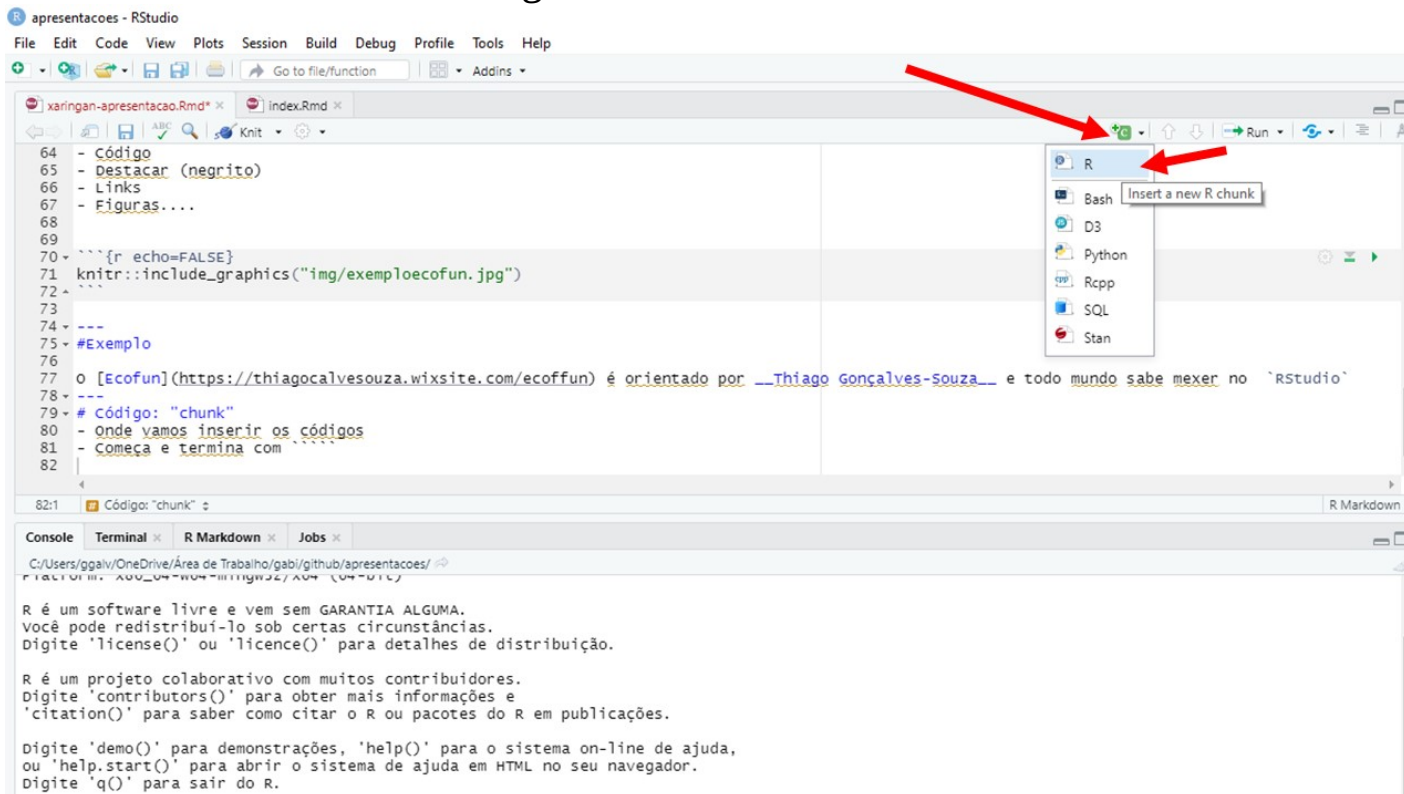
```
---  
#Exemplo  
  
o [Ecofun](https://thiagocalvesouza.wixsite.com/ecoffun) é orientado por ___Thiago Gonçalves-Souza___ e todo mundo sabe mexer no `RStudio`  
|
```

Exemplo

O **Ecofun** é orientado por **Thiago Gonçalves-Souza** e todo mundo sabe mexer no RStudio

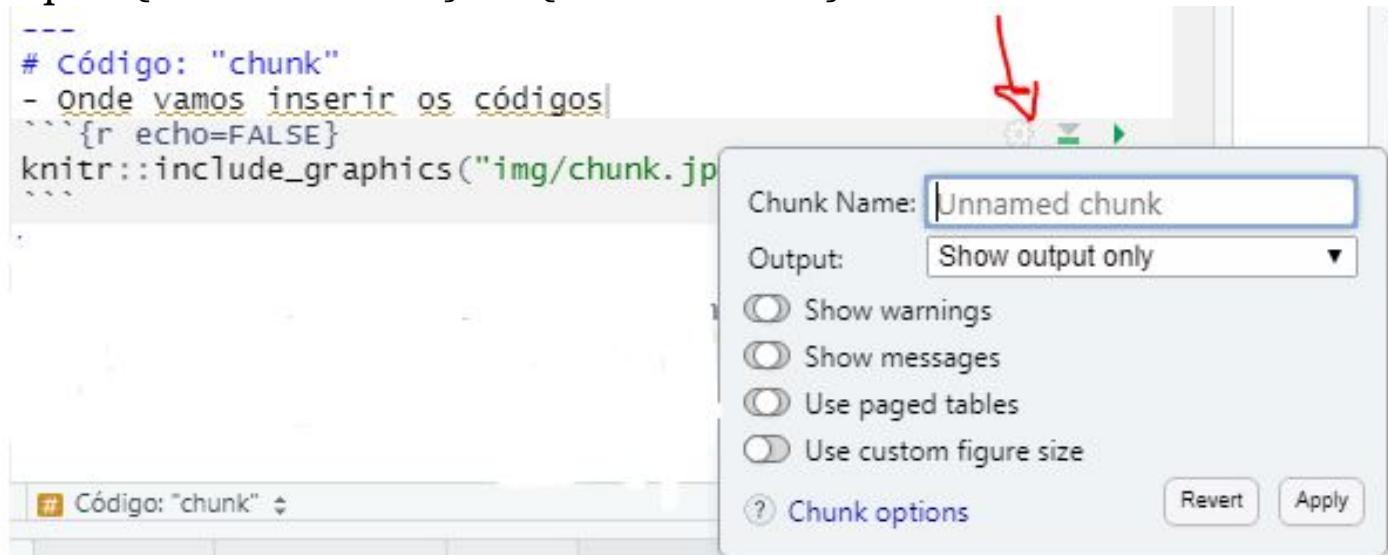
Código: "chunk"

- Onde vamos inserir os códigos



Código: "chunk"

- Output: {r echo=FALSE} ou {r echo=TRUE}



Código: "chunk"

- Inserindo uma tabela

```
mtcars
```

```
##           mpg cyl  disp  hp drat   wt  qsec vs am gear carb
## Mazda RX4      21.0   6 160.0 110 3.90 2.620 16.46  0  1    4    4
## Mazda RX4 Wag  21.0   6 160.0 110 3.90 2.875 17.02  0  1    4    4
## Datsun 710     22.8   4 108.0  93 3.85 2.320 18.61  1  1    4    1
## Hornet 4 Drive  21.4   6 258.0 110 3.08 3.215 19.44  1  0    3    1
## Hornet Sportabout 18.7   8 360.0 175 3.15 3.440 17.02  0  0    3    2
## Valiant        18.1   6 225.0 105 2.76 3.460 20.22  1  0    3    1
## Duster 360     14.3   8 360.0 245 3.21 3.570 15.84  0  0    3    4
## Merc 240D      24.4   4 146.7  62 3.69 3.190 20.00  1  0    4    2
## Merc 230       22.8   4 140.8  95 3.92 3.150 22.90  1  0    4    2
## Merc 280       19.2   6 167.6 123 3.92 3.440 18.30  1  0    4    4
## Merc 280C      17.8   6 167.6 123 3.92 3.440 18.90  1  0    4    4
## Merc 450SE     16.4   8 275.8 180 3.07 4.070 17.40  0  0    3    3
## Merc 450SL     17.3   8 275.8 180 3.07 3.730 17.60  0  0    3    3
## Merc 450SLC    15.2   8 275.8 180 3.07 3.780 18.00  0  0    3    3
## Cadillac Fleetwood 10.4   8 472.0 205 2.93 5.250 17.98  0  0    3    4
## Lincoln Continental 10.4   8 460.0 215 3.00 5.424 17.82  0  0    3    4
## Chrysler Imperial 14.7   8 440.0 230 3.23 5.345 17.42  0  0    3    4
```

Código: "chunk"

- Inserindo uma tabela

```
knitr::kable(mtcars)
```

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2

Inserir imagens

- Da internet

Inserir imagens

- Da internet

```
knitr::include_graphics("https://static.wixstatic.com/media/c30fdf_e5")
```



Inserir imagens

- Do seu computador

← → ▾ ↑ 📁 > Este Computador > Área de Trabalho > gabi > github > apresentacoes ▾					
Nome	Status	Data de modificação	Tipo	Tamanho	
📁 img	🔄	13/04/2021 08:36	Pasta de arquivos		
📁 libs	✅	13/04/2021 08:37	Pasta de arquivos		

Inserir imagens

- Do seu computador

```
knitr::include_graphics("img/arthur.jpg")
```



Inserir imagens

- Ajeitar o tamanho

```
{r, fig.align='right', out.width="30%"}
```

```
knitr::include_graphics("img/arthur.jpg")
```



Desing da apresentação

- Temas do Xaringan
- {xaringantheme}
- Alterando **CSS**: arquivo **custom.css**

Desing da apresentação

- Temas do Xaringan

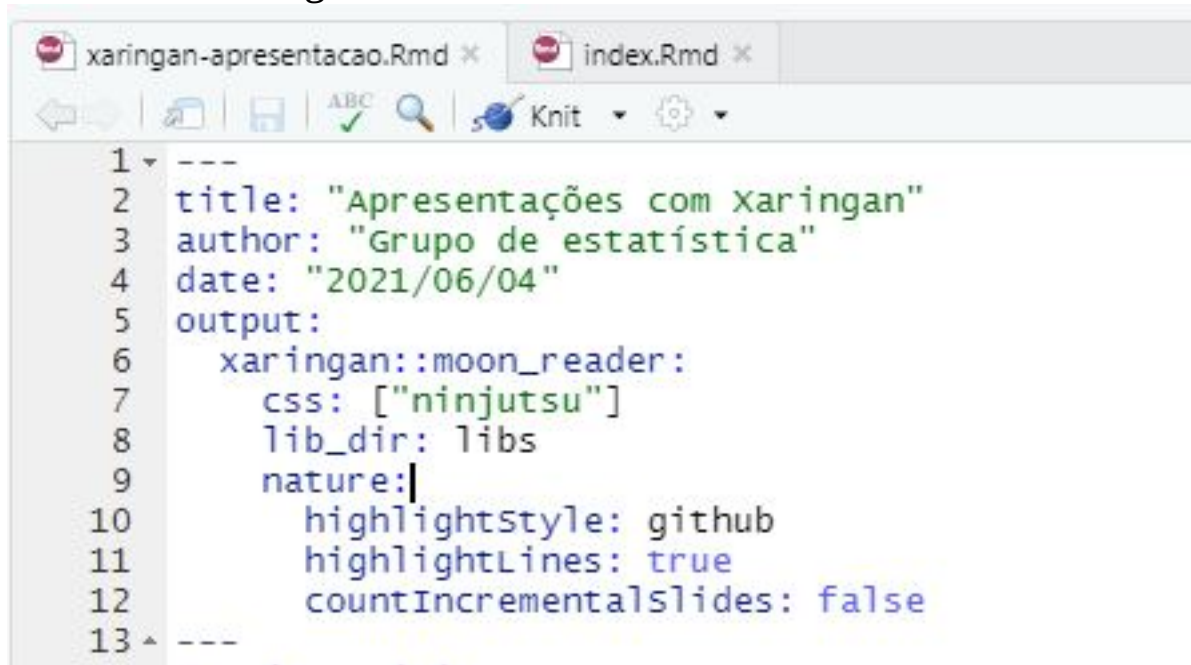
■ você altera no slide título

```
names(xaringan::list_css())
```

##	[1]	"chocolate-fonts"	"chocolate"	"default-fonts"	"default"
##	[5]	"duke-blue"	"fc-fonts"	"fc"	"hygge-duke"
##	[9]	"hygge"	"ki-fonts"	"ki"	"kunoichi"
##	[13]	"lucy-fonts"	"lucy"	"metropolis-fonts"	"metropolis"
##	[17]	"middlebury-fonts"	"middlebury"	"nhsr-fonts"	"nhsr"
##	[21]	"ninjutsu"	"rladies-fonts"	"rladies"	"robot-fonts"
##	[25]	"robot"	"rutgers-fonts"	"rutgers"	"shinobi"
##	[29]	"tamu-fonts"	"tamu"	"uio-fonts"	"uio"
##	[33]	"uo-fonts"	"uo"	"uol-fonts"	"uol"
##	[37]	"useR-fonts"	"useR"		

Desing da apresentação

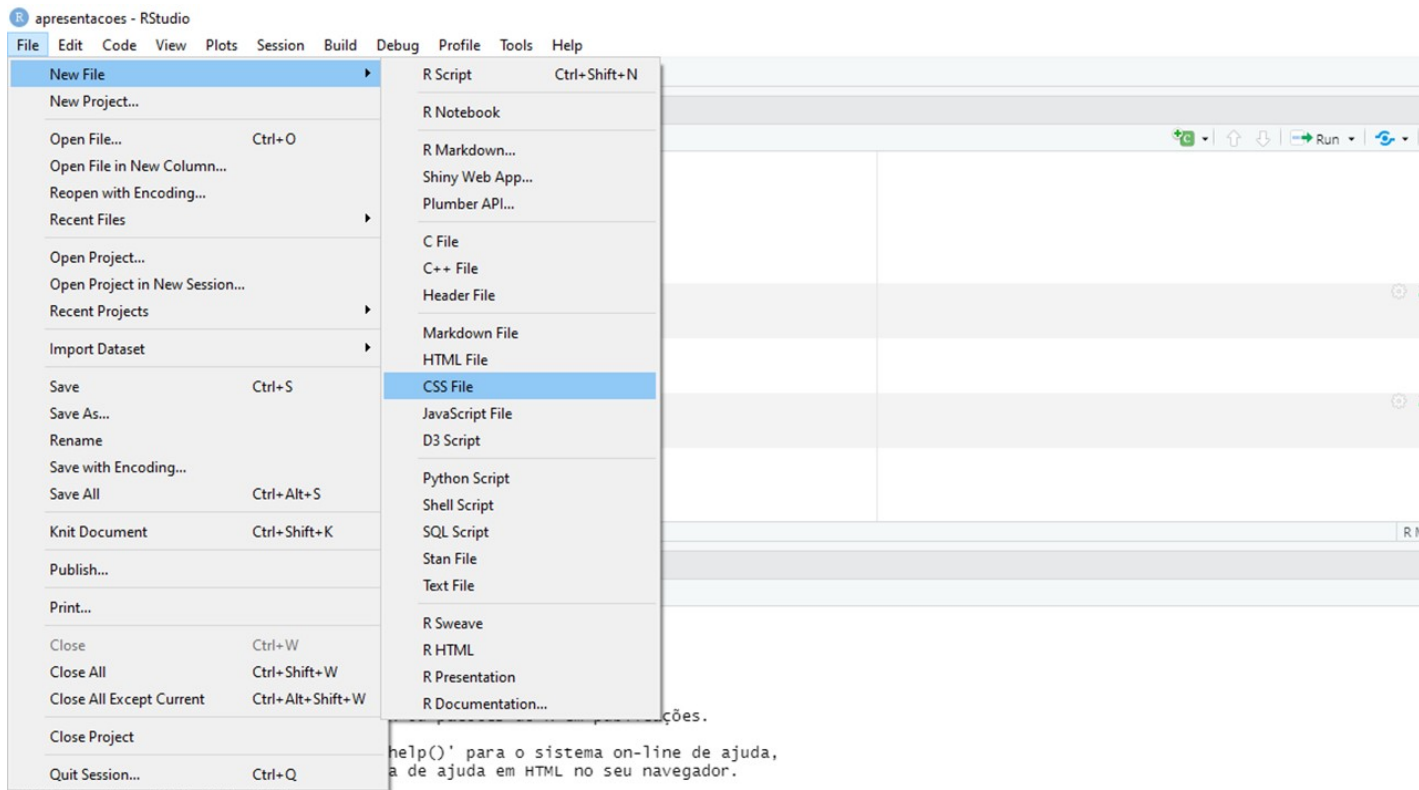
- Temas do Xaringan



```
1 ---
2 title: "Apresentações com Xaringan"
3 author: "Grupo de estatística"
4 date: "2021/06/04"
5 output:
6   xaringan::moon_reader:
7     css: ["ninjutsu"]
8     lib_dir: libs
9     nature:
10       highlightstyle: github
11       highlightLines: true
12       countIncrementalSlides: false
13 ---
```


Desing da apresentação

- Alterando css



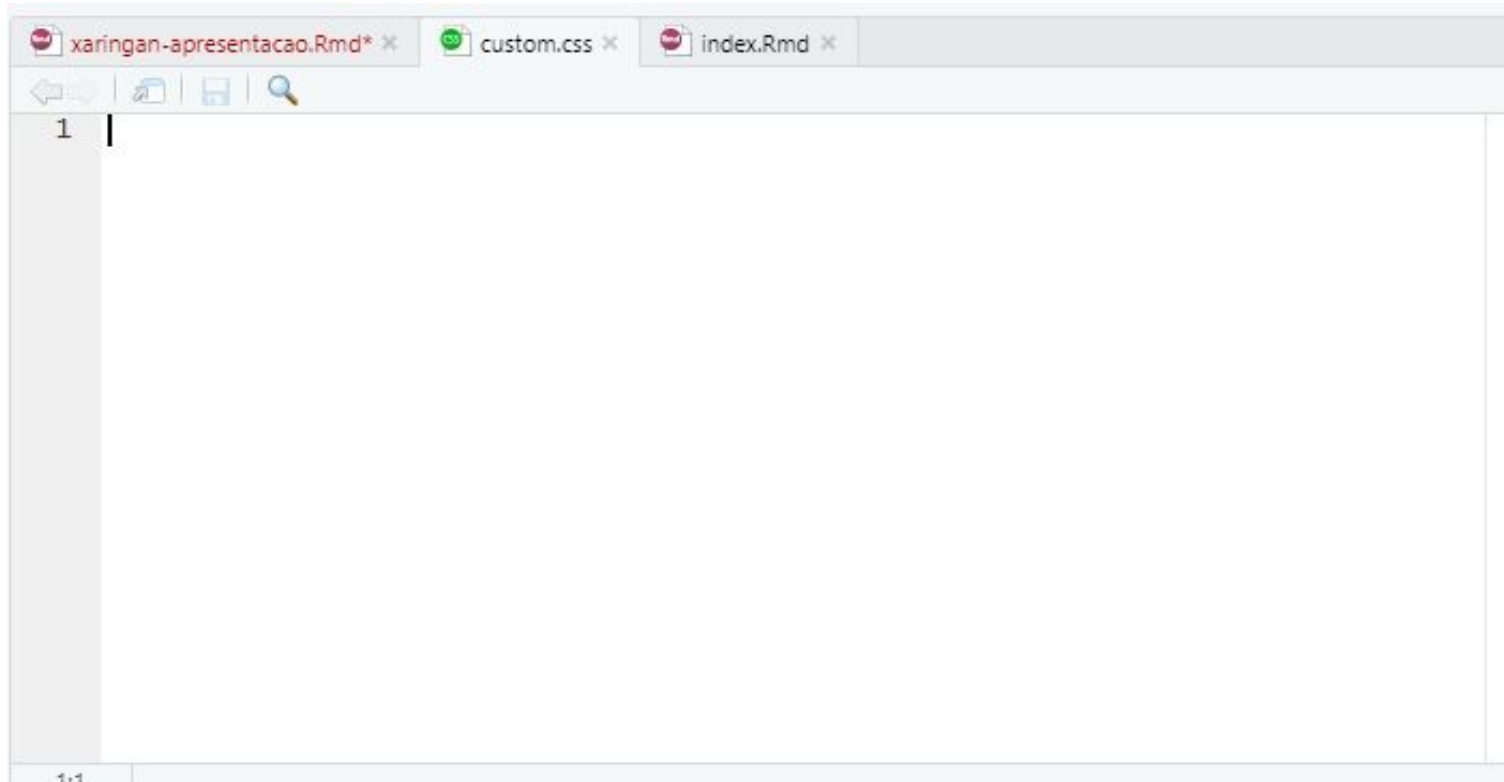
Desing da apresentação

- Alterando css

```
1 ---
2 title: "Apresentações com Xaringan"
3 author: "Grupo de estatística"
4 date: "2021/06/04"
5 output:
6   xaringan::moon_reader:
7     css: ["custom.css"]
8     lib_dir: libs
9     nature:
10       highlightstyle: github
11       highlightLines: true
12       countIncrementalSlides: false
13 ---
```

Desing da apresentação

- Alterando css



Desing da apresentação

- Alterando `css`

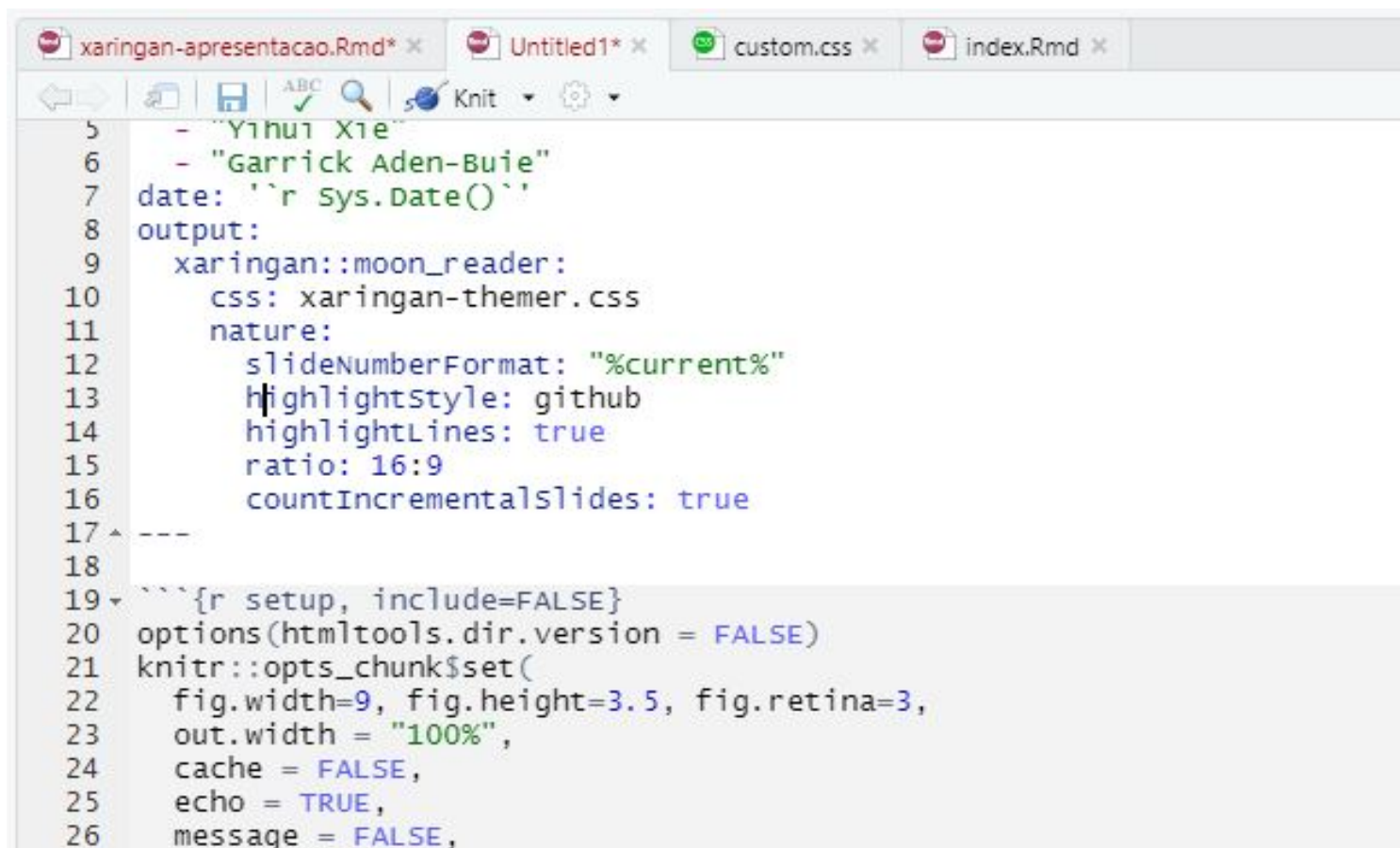
▮ Inspetor do navegador.

slide

Desing da apresentação

- xaringanthermer

Ninja themed presentation



The screenshot shows an RStudio editor window with four tabs: 'xaringan-apresentacao.Rmd*', 'Untitled1*', 'custom.css', and 'index.Rmd'. The active tab is 'xaringan-apresentacao.Rmd*', which contains R code for configuring a presentation theme. The code includes comments for author names, a date field, and various options for the presentation's appearance and behavior. The code is as follows:

```
5 - "Yihui Xie"
6 - "Garrick Aden-Buie"
7 date: ``r Sys.Date()``
8 output:
9   xaringan::moon_reader:
10     css: xaringan-themer.css
11     nature:
12       slideNumberFormat: "%current%"
13       highlightstyle: github
14       highlightLines: true
15       ratio: 16:9
16       countIncrementalSlides: true
17 ^ ---
18
19 ^ ```{r setup, include=FALSE}
20 options(htmltools.dir.version = FALSE)
21 knitr::opts_chunk$set(
22   fig.width=9, fig.height=3.5, fig.retina=3,
23   out.width = "100%",
24   cache = FALSE,
25   echo = TRUE,
26   message = FALSE,
```

Desing da apresentação

- xaringanthemer

Ninja themed presentation

-Ele cria um .css



```
1 | /* -----  
2 | *  
3 | *      !! This file was generated by xaringanthemer !!  
4 | *  
5 | *  Changes made to this file directly will be overwritten  
6 | *  if you used xaringanthemer in your xaringan slides Rmd  
7 | *  
8 | *  Issues or likes?  
9 | *    - https://github.com/gadenbuie/xaringanthemer  
10 | *    - https://www.garrickadenbuie.com  
11 | *  
12 | *  Need help? Try:  
13 | *    - vignette(package = "xaringanthemer")  
14 | *    - ?xaringanthemer::style_xaringan  
15 | *    - xaringan wiki: https://github.com/yihui/xaringan/wiki  
16 | *    - remarkjs wiki: https://github.com/gnab/remark/wiki  
17 | *  
18 | *  Version: 0.3.3  
19 | *  
20 | * ----- */
```

Como compartilhar a apresentação?

- PDF