

keyle

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MIT

This package provides a simple way to style keyboard shortcuts in your documentation.

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<https://github.com/magicwenli/keyle>

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Part I.

About

KEYLE is a library that allows you to create HTML `<kbd>` like keyboard shortcuts simple and easy.

The name, keyle, is a combination of key and theme.

This project is inspired by [auth0/kbd](#) and [dogezen/badgery](#). Send them respect!

Part II.

Usage

II.1. Importing

`KEYLE` is imported using

```
#import "@preview/keyle:0.1.0"
```

II.2. Quick Start

Generate a keyboard renderer with `#config()` function. Section Section III.1 lists available themes.

```
#let kbd = keyle.config()
#kbd("Ctrl", "Shift", "Alt", "Del")

#let kbd = keyle.config(
  theme: keyle.themes.bioluminum,
  delim: keyle.bioluminum-key.delim_plus
)
#kbd("Ctrl", "Shift", "Alt", "Del")
```

Ctrl + Shift + Alt + Del

Ctrl + ⇧ + Alt + Del

There are compact and delim options to make the output more compact and change the delimiter between keys.

You can either use them in `#config()` function or directly in generated kbd function.

```
#let kbd = keyle.config(compact: true, delim: "-")
#kbd("Ctrl", "Shift", "Alt", "Del")

#let kbd = keyle.config()
#kbd("Ctrl", "Shift", "Alt", "Del", compact: true, delim: "-")
```

Ctrl-Shift-Alt-Del

Ctrl-Shift-Alt-Del

Part III.

Themes

III.1. Built-in Themes

Themes function are available at `#keyle.themes` dictionary.

`#keyle.themes.standard`

Home

`#keyle.themes.deep-blue`

HOME

`#keyle.themes.type-writer`

HOME

`#keyle.themes.bioluminum`

Home

III.2. Custom Themes

You can create your own theme by defining a function that takes a string and returns a themed content.

```
// https://www.radix-ui.com/themes/playground#kdb
#let radix_kdb(content) = box(
  rect(
    inset: (x: 0.5em),
    outset: (y:0.05em),
    stroke: rgb("#1c2024") + 0.3pt,
    radius: 0.35em,
    fill: rgb("#fcfcfd"),
    text(fill: black, font: (
      "Segoe UI (Custom)",
      "Roboto",
      "Helvetica Neue",
      "Open Sans (Custom)",
      "sans-serif",
      "Apple Color Emoji",
      "Segoe UI Emoji"
    ), content),
  ),
)
#let kbd = keyle.config(theme: radix_kdb)
#kbd("⌘ D") #kbd("^⇧ F")
```

⌘ D

^⇧ F

Part IV.

Symbols

IV.1. Mac Keyboard Symbols

KEYLE provides symbols for Mac keyboard. You may need install `Fira Code` font to see the symbols correctly.

- [Fira Code @ Google Fonts](#)
- [Apple Mac Keyboard Symbols](#)

```
#let kbd = keyle.config(theme: keyle.themes.standard)
#let mac-key-font = (
  "Fira Code",
  "FiraCode",
  "FiraCode Nerd Font Mono",
)
#grid(
  columns: (2fr, 1fr, 2fr, 1fr),
  rows: 2em,
  align: horizon,
  ..keyle.mac-key.pairs().map(item => (
    raw("#keyle.mac-key." + item.at(0)),
    kbd(
      text(font: mac-key-font, item.at(1))
    ),
  )),flatten()
)
```

#keyle.mac-key.command



#keyle.mac-key.option



#keyle.mac-key.return



#keyle.mac-key.forward-delete



#keyle.mac-key.left



#keyle.mac-key.up



#keyle.mac-key.pageup



#keyle.mac-key.home



#keyle.mac-key.tab-right



#keyle.mac-key.shift



#keyle.mac-key.control



#keyle.mac-key.delete



#keyle.mac-key.escape



#keyle.mac-key.right



#keyle.mac-key.down



#keyle.mac-key.pagedown



#keyle.mac-key.end



#keyle.mac-key.tab-left












IV.2. Linux Biolinum Keyboard Symbols

KEYLE provides symbols for Linux Biolinum Keyboard font.

- [Linux Biolinum Keyboard](#)

4.2 Linux Biolinum Keyboard Symbols

```
#let kbd = keyle.config(theme: keyle.themes.biolinum)
#grid(
  columns: (5fr, 3fr, 5fr, 3fr),
  rows: 2em,
  align: horizon,
  ..keyle.biolinum-key.pairs().map(item => (
    raw("#keyle.biolinum-key." + item.at(0)),
    kbd(item.at(1)),
  )),flatten()
)
```

#keyle.biolinum-key.Strg		#keyle.biolinum-key.Alt	
#keyle.biolinum-key.Ctrl		#keyle.biolinum-key.Shift	
#keyle.biolinum-key.Tab		#keyle.biolinum-key.Enter	
#keyle.biolinum-key.Capslock		#keyle.biolinum-key.Home	
#keyle.biolinum-key.Del		#keyle.biolinum-key.Ins	
#keyle.biolinum-key.End		#keyle.biolinum-key.Space	
#keyle.biolinum-key.Esc		#keyle.biolinum-key.PageUp	
#keyle.biolinum-key.PageDown		#keyle.biolinum-key.Back	
#keyle.biolinum-key.Pad_0		#keyle.biolinum-key.Pad_1	
#keyle.biolinum-key.Pad_2		#keyle.biolinum-key.Pad_3	
#keyle.biolinum-key.Pad_4		#keyle.biolinum-key.Pad_5	
#keyle.biolinum-key.Pad_6		#keyle.biolinum-key.Pad_7	
#keyle.biolinum-key.Pad_8		#keyle.biolinum-key.Pad_9	
#keyle.biolinum-key.Pad_Div		#keyle.biolinum-key.Pad_Add	
#keyle.biolinum-key.Pad_Sub		#keyle.biolinum-key.Pad_Mul	
#keyle.biolinum-key.Pad_Enter		#keyle.biolinum-key.delim_plus	+
#keyle.biolinum-key.delim_minus	-	#keyle.biolinum-key.Win	
#keyle.biolinum-key.GNU		#keyle.biolinum-key.Tux	
#keyle.biolinum-key.Mac_Cmd		#keyle.biolinum-key.Mac_Opt	
#keyle.biolinum-key.Mac_FDel		#keyle.biolinum-key.Mac_Del	

Part V.

Available commands

```
#config()           #theme-func-deep-blue()   #theme-func-type-writer()  
#theme-func-biolinum() #theme-func-standard()
```

#theme-func-standard(<sym>) → content

Theme function to render keys in a standard style.

```
#let kbd = keyle.config(theme: keyle.themes.standard)  
#keyle.gen-examples(kbd)
```

Ctrl + Alt + A Ctrl+Shift+A Home End Ins Del

Argument

<sym>

str

The key symbol to render.

#theme-func-deep-blue(<sym>) → content

Theme function to render keys in a deep blue style.

```
#let kbd = keyle.config(theme: keyle.themes.deep-blue)  
#keyle.gen-examples(kbd)
```

CTRL + ALT + A CTRL+SHIFT+A HOME END INS DEL

Argument

<sym>

str

The key symbol to render.

#theme-func-type-writer(<sym>) → content

Theme function to render keys in a type writer style.

```
#let kbd = keyle.config(theme: keyle.themes.type-writer)  
#keyle.gen-examples(kbd)
```

CTRL + ALT + A CTRL+SHIFT+A HOME END INS DEL

Argument

<sym>

str

The key symbol to render.

#theme-func-biolinum(<sym>) → content

Theme function to render keys in a Linux Biolinum Keyboard style.

You need to have the font installed on your system.

```
#let kbd = keyle.config(theme: keyle.themes.biolinum, delim: keyle.biolinum-  
key.delim_plus)  
#keyle.gen-examples(kbd)
```

Ctrl + **Alt** + **A** **Ctrl** + **␣** + **A** **Home** **End** **Ins** **Del**

— Argument —

<sym>

str

The key symbol to render.

#config(<theme>: "themes.standard", <compact>: false, <delim>: "+") → function

Config function to generate keyboard rendering helper function.

— Argument —

<theme>: "themes.standard"

function

The theme function to use.

— Argument —

<compact>: false

bool

Whether to render keys in a compact format.

— Argument —

<delim>: "+"

str

The delimiter to use when rendering keys in compact format.

Part VI.

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