

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 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#kbd
#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: (
      "Roboto",
      "Helvetica Neue",
    ), 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 mac-key = keyle.mac-key
#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,
  ..mac-key.pairs().map(item => (
    raw("#mac-key." + item.at(0)),
    kbd(
      text(font: mac-key-font, item.at(1))
    ),
  )),
  flatten()
)
```

#mac-key.command



#mac-key.shift



#mac-key.option



#mac-key.control



#mac-key.return



#mac-key.delete



#mac-key.forward-delete



#mac-key.escape



#mac-key.left



#mac-key.right



#mac-key.up



#mac-key.down



#mac-key.pageup



#mac-key.pagedown



#mac-key.home



#mac-key.end



#mac-key.tab-right



#mac-key.tab-left















IV.2. Linux Biolinum Keyboard Symbols

KEYLE provides symbols for Linux Biolinum Keyboard font.

4.2 Linux Biolinum Keyboard Symbols

• Linux Biolinum Keyboard

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

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

Part V.

Available commands

| | | |
|---------------------------------|---|---|
| #config() | #theme-func-biolinum() | #theme-func-standard() |
| #gen-examples() | #theme-func-deep-blue() | #theme-func-type-writer() |

#gen-examples(`<kbd>`) → **content**

Generate examples for the given keyboard rendering function.

Argument

`<kbd>`

function

The keyboard rendering function.

#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 + A Alt+P

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 + A ALT+P

HOME END INS DEL

Argument

`<sym>`

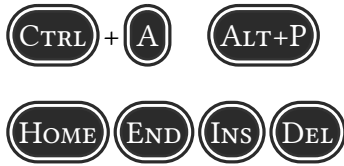
str

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)
```



Argument

<sym>

str

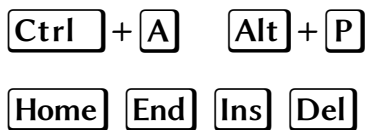
The key symbol to render.

#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)
```



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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