

# ruby-typ

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## Introduction

A library to implement ruby just like this:

レー<sup>レ</sup>ル<sup>ー</sup>ガン<sup>ガン</sup> ページ<sup>ページ</sup> きょう<sup>きょう</sup>も<sup>も</sup>いい<sup>いい</sup>天気<sup>天気</sup>  
超電磁砲、頁、今日もいい天気

## Usage

To use ruby-typ, you should import the `get_ruby` from `ruby.typ` at first.

```
#import "ruby.typ": get_ruby
```

`get_ruby` is a higher-order function which be used to configure ruby-typ. and it will return a funtion for ruby. and its function signature is

```
get_ruby(  
  size: .5em,           // the font size of ruby text  
  dy: 0pt,              // to add a shifting space on y axis  
  alignment: "center",  // can be ("center", "start", "between", "around")  
  delimiter: "|"        // the delimiter used in mono-ruby  
)
```

to get a ruby function with default setting

```
#let ruby = get_ruby()
```

and the `ruby()` function will receive two arguments, the first one for ruby text and the second one for ruby body. for example, if you'd like to use a start alignment.

```
#let ruby = get_ruby(alignment: "start")  
#ruby("しずく", "雫")
```

which the result will be

しずく  
雫

## ruby for content

Besides the string, it's also allowed to pass a content except sequence as `ruby()`'s ruby body just like how other element functions do.

```
#ruby("したた") [滴]る
```

will produce

したた  
滴る

Moreover, almost all kinds of content excluding sequence can be passed, which is convient for some styled text.

```
#ruby("エックス|せん") [#underline[_*X|ray*_]]
```

will output

エックス せん  
***X ray***

## mono/group ruby

ruby-typ supports mono-ruby and group-ruby automatically, which depends on wether the inputs are seperated by a delimiter.

```
#ruby("とうきょうこうぎょうだいがく") [東京工業大学]
#ruby("とう|きょう|こう|ぎょう|だい|がく") [東|京|工|業|大|学]
```

will generate respectively

```
とうきょうこうぎょうだいがく
東京工業大学
とうきょうこうぎょうだいがく
東京工業大学
```

As you see, ruby-typ is able to adjust the spaces of the body texts automatically in mono-ruby mode.

## Thanks

this project is based on [Saito Atsush](#)'s great idea and the [original source codes](#) posted on their blog

## Changelog

- [20230425] Release the initial version.
- [20230426] a newer implement