Manual

Fr4nk1in-USTC

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Chapter 1. Environments

1.1 Presets

The following presets are available.

1.1.1 Definition

Definition 1.1.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat. 测试

```
#definition[
  #lorem(20)
]
```

If you want to define a named definition, use the `name` parameter:

Definition 1.2. (named-def)

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#definition(name: "named-def")[
  #lorem(20)
]
```

If you don't want the definition to be numbered, use the `numbered` parameter.

Definition

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#definition(numbered: false)[
  #lorem(20)
]
```

The `name` and `numbered` parameter is optional, and can be used for all envs.

1.1.2 Theorem

Theorem 1.1.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#theorem[
  #lorem(20)
]
```

1.1.3 Corollary

Corollary 1.1.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#corollary[
  #lorem(20)
]
```

1.1.4 Lemma

Lemma 1.1.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#lemma[
  #lorem(20)
]
```

1.1.5 Proof

`Proof` is a little different, it has no frame or background.

Proof. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat. □

```
#proof[
  #lorem(20)
]
```

1.2 Defining your own envs

You can define your own envs from the `base_env` function. For example, the `theorem` env is defined like this:

```
#let theorem(body, name: none, numbered: true) = {
  base_env(
    type: "Theorem",
    name: name,
    numbered: numbered,
    fg: blue,
    bg: rgb("#e8e8f8"),
    body
  )
}
```

You can make a new `remark` env like this:

```
#let recall(body, name: none) = {
  base_env(
    type: "Recall",
    name: name,
    numbered: false,
    fg: luma(40%),
    bg: luma(80%),
    body
  )
}
```

It will look like this:

Recall

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

```
#recall[
  #lorem(20)
]
```

From now on, Simplified Chinese is supported. You can see the difference in the fonts and other things.

Note that you should have **Fandol** font in **True Type** installed **systemwide** to let Typst detect the font correctly.

第二章 简体中文支持 Simplified Chinese Support

2.1 主要变化 Major changes

We use Fandol fonts (the same as LaTeX's Ctex package's choice) for Chinese. Due to Typst's font management and some small issues, we choose *Times New Roman* for Latin characters.

To enable Chinese Support, change the first line of the template from

```
#let chinese = false
```

to

```
#let chinese = true
```

After changing the first line, the label of envirments in Section Chapter 1. will also be in Chinese:

- Definition → 定义
- Theorem → 定理
- Corollary → 推论
- Lemma → 引理
- Proof → 证明

2.2 演示 Demo

- Plain: 默认 plain
- Bold: **粗体 bold**
- Emph: 斜体 *emph*

定理 2.1.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat. 这是一条定理.

证明 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat. □