Manual

Fr4nk1in-USTC

Contents

1. Manual

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.*

```
1  #definition[
2    #lorem(20)
3  ]
```

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.*

```
1  #definition(name: "named-def")[
2    #lorem(20)
3  ]
```

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.*

```
1  #definition(numbered: false)[
2    #lorem(20)
3  ]
```

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.*

```
1  #theorem[
2    #lorem(20)
3  ]
```

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.*

```
1  #corollary[
2    #lorem(20)
3  ]
```

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.*

```
1  #lemma[
2    #lorem(20)
3  ]
```

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. □

```
1  #proof[
2    #lorem(20)
3  ]
```

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:

```
1   #let theorem(body, name: none, numbered: true) = {
2     base_env(
3       type: "Theorem",
4       name: name,
5       numbered: numbered,
6       fg: blue,
7       bg: rgb("#e8e8f8"),
8       body
9     )
10  }
```

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

```
1   #let recall(body, name: none) = {
2     base_env(
3       type: "Recall",
4       name: name,
5       numbered: false,
6       fg: luma(40%),
7       bg: luma(80%),
8       body
9     )
10  }
```

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.

```
1   #recall[
2     #lorem(20)
3   ]
```