

# Manual

Fr4nk1in-USTC

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# 1. Manual

## 1.1. Presets

The following presets are available.

### 1.1.1. Definition

#### Definition 1.0.

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

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

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

#### Definition 1.1. (named-def)

*Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua 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 magna aliqua 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 1.0.

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

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

### 1.1.3. Corollary

**Corollary 1.0.**

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

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

**1.1.4. Lemma****Lemma 1.0.**

*Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua 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 magna aliqua 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 = base_env.with(
2   type: "Theorem",
3   fg: blue,
4   bg: rgb("#e8e8f8"),
5 )
```

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

```
1 #let recall = base_env.with(
2   type: "Recall",
3   numbered: false,
4   fg: luma(40%),
5   bg: luma(80%),
6 )
```

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 ]
```