theofig

`figure` implementation of theorem environments

A Typst package for creation and customization
of theorem environments built on top of `std.figure`.

`github.com/Jollywatt/typst-fletcher`

Version 0.0.1

Guide

Reference

Usage examples

Importing everything with * is recommended:

```
#import "@preview/theofig:0.0.1": *
```

```
#theorem[
  #lorem(5)
] <theorem-1>

#theorem[Author B. C.][#lorem(10)]

#proof[It follows directly from @theorem-1.]
```

Theorem 1. Lorem ipsum dolor sit amet.

Theorem 2 (Author B. C.). Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Proof. It follows directly from Theorem 1. ∎

```
#theorem[#lorem(5)]

#lemma[#lorem(5)]

#statement[#lorem(5)]

#remark[#lorem(5)]

#corollary[#lorem(5)]

#example[#lorem(5)]

#definition[#lorem(5)]

#algorithm[#lorem(5)]

#proof[#lorem(5)]

#problem[#lorem(5)]

#solution[#lorem(5)]
```

Theorem 3. Lorem ipsum dolor sit amet.

Lemma 1. Lorem ipsum dolor sit amet.

Statement 1. Lorem ipsum dolor sit amet.

Remark 1. Lorem ipsum dolor sit amet.

Corollary. Lorem ipsum dolor sit amet.

Example 1. Lorem ipsum dolor sit amet.

Definition 1. Lorem ipsum dolor sit amet.

Algorithm 1. Lorem ipsum dolor sit amet.

Proof. Lorem ipsum dolor sit amet. ∎

Problem 1. Lorem ipsum dolor sit amet.

Solution. Lorem ipsum dolor sit amet.

```
#definition[
  Equivalent to @definition-2.
]<definition-1>

#definition(
  number: <definition-1>,
  numbering: numbering.with("1'")
)[
  Equivalent to @definition-1
]<definition-2>

#definition(number: $cal(A)$)[
  #lorem(5)
]<definition-3>

#definition[#lorem(5)]

#definition(numbering: none)[#lorem(5)]
```

Definition 2. Equivalent to Definition 3'.

Definition 2'. Equivalent to Definition 2

Definition $\mathcal{A}$. Lorem ipsum dolor sit amet.

Definition 5. Lorem ipsum dolor sit amet.

Definition. Lorem ipsum dolor sit amet.

Styling

Numbering

Limitations

Main functions