



Typst

12-345678

2024 2 1



XXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXX.  
XXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX. XXXXXXXXXXXXXXXXXXXXXXX.  
XXXXXXXXXX: XX, XXXXX



XX	.....	p. i
1	XX .....	p. 1
1.1	Typst XXXX .....	p. 1
1.1.1	XXXXXXXXXXXX .....	p. 1
2	XX .....	p. 2
2.1.1	LATEX XXXXXXXXXXXXXXX .....	p. 2
3	XX .....	p. 3
3.1	XXX .....	p. 3
XXXX	.....	p. 5

# 1

Typst is markdown like pdf, Rust, LaTeX.

## 1.1 Typst

@ss8843592 or #cite(<ss8843592>)

[1] or [1]

### 1.1.1

$$\text{mat}(1, 2; 3, 4)$$

$$A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix} \tag{1.1}$$

(1.1)

typst

1.1

1.1

1.1 [2]

t	1	2	3
y	0.3s	0.4s	0.8s

1.1

2

L<sup>A</sup>T<sub>E</sub>X, Typst [2]



2.1 Typst + git [2]

2.1.1 L<sup>A</sup>T<sub>E</sub>X

L<sup>A</sup>T<sub>E</sub>X, `#include path.typ`

### 3

Typst

#### 3.1

thmbox

```
#let theorem = thmbox(
  "theorem", //identifier
  "",
  base_level: 1
)
```

```
#theorem(""-") [
  Typst .
] <theorem>
```

3.1 (3.1-): Typst

```
#let lemma = thmbox(
  "theorem", //identifier
  "",
  base_level: 1,
)
```

```
#lemma [
  Tex .
] <lemma>
```

3.2: Tex

, 3.1, 3.2

, identifier, identifier, identifier, identifier

```
#let definition = thmbox(
  "definition", //identifier
  "",
  base_level: 1,
  stroke: black + 1pt
)
```

```
#definition("Prime numbers") [
  A natural number is called a prime number if it is greater than $1$ and
  cannot be written as the product of two smaller natural numbers.
] <definition>
```

**3.1:** Typst is a new markup-based typesetting system for the sciences.

3.1

```
#let corollary = thmbox(
  "corollary",
  "Corollary",
  base: "theorem",
)

#corollary[
  If  $n$  divides two consecutive natural numbers, then  $n = 1$ .
] <corollary>
```

**Corollary 3.2.1:** If  $n$  divides two consecutive natural numbers, then  $n = 1$ .

base identifier Corollary 3.2.1

```
#let example = thmplain(
  "example",
  "Example"
).with(numbering: none)

#example[
  \[
] <example>
```

: \$ \$

thmplain plain



- [1] S. Hussain, S. Bai, and S. Khoja, “Content MathML(CMML) conversion using LATEX Math Grammar (LMG)”, in *2019 7th International Conference on Smart Computing & Communications (ICSCC)*, 2019, pp. 1–5. doi: 10.1109/ICSCC.2019.8843592.
- [2] L. Mädje, “A Programmable Markup Language for Typesetting”, 2022.