

ENIB: Typst hands on

October 29, 2025

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Agenda

1. Intro
2. Practice !
3. Tips and tricks

Intro



A quick word about myself

Théophile Roos


- Software engineer at Orness (Parisian consultancy firm).
- User of Typst since early 2023 (v0.4.0).
- Contributor to Typst community packages (glossarium).

What is Typst

Markup-based typesetting system : modern alternative to LaTeX with a simpler and more readable syntax.

- **Markup-based**: like HTML, Markdown or LaTeX, you write plain text with special syntax to indicate formatting instead of using a WYSIWYG editor like Word.
- **Typesetting system**: designed for creating high-quality documents with complex layouts, mathematical equations, and professional typography.

Typst Syntax

```
1  ≡ My doc title  Typst
2
3  This is a simple Typst
   document with an inline.
4
5  $alpha = sum_0^1 a/(beta x)$
6
7  #let document_name = "My
   document"
8  The document name is
   #document_name
```

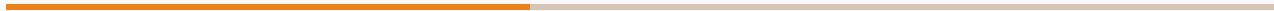
My doc title

This is a simple Typst document with an inline.

$$\alpha = \sum_0^1 \frac{a}{\beta x}$$

The document name is My document

Practice !



Tips and tricks

2 main slide toolkit for Typst

- **Touying** (<https://touying-typ.github.io/>).
- **Polylux** (<https://polylux.dev/book/>)¹

¹this presentation was created using polylux and the [metropolis](#) theme

Useful community packages

Packages can be found at <https://typst.app/universe>

Useful community packages: **glossarium**

<https://typst.app/universe/package/glossarium/>

Glossary

KU Leuven - Katholieke Universiteit Leuven : Fugiat do fugiat est minim ullamco est eu duis minim nisi tempor adipisicing do *sunt*.

VUB 1, 2, 5

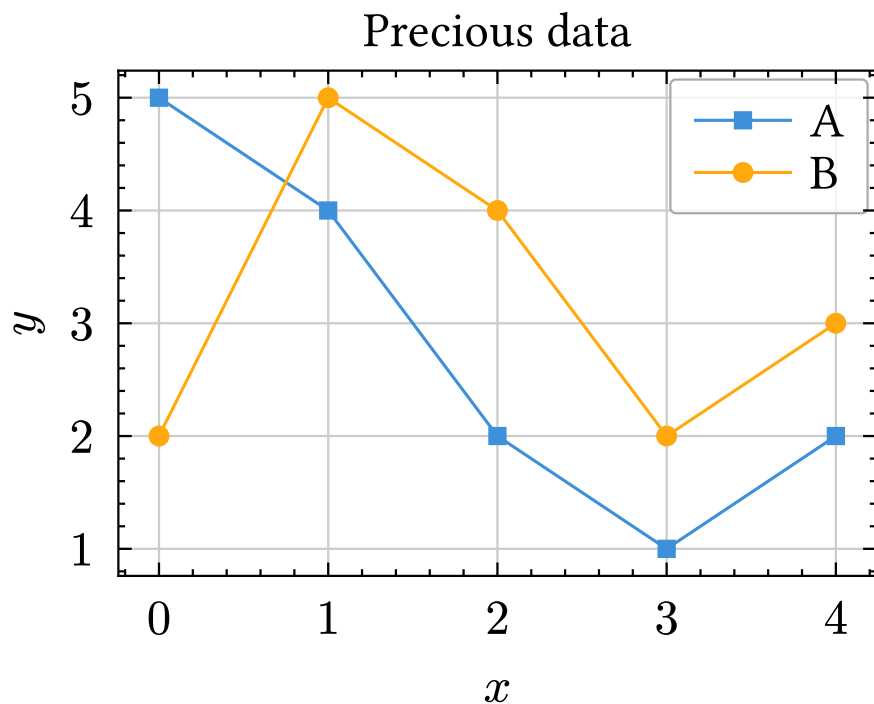
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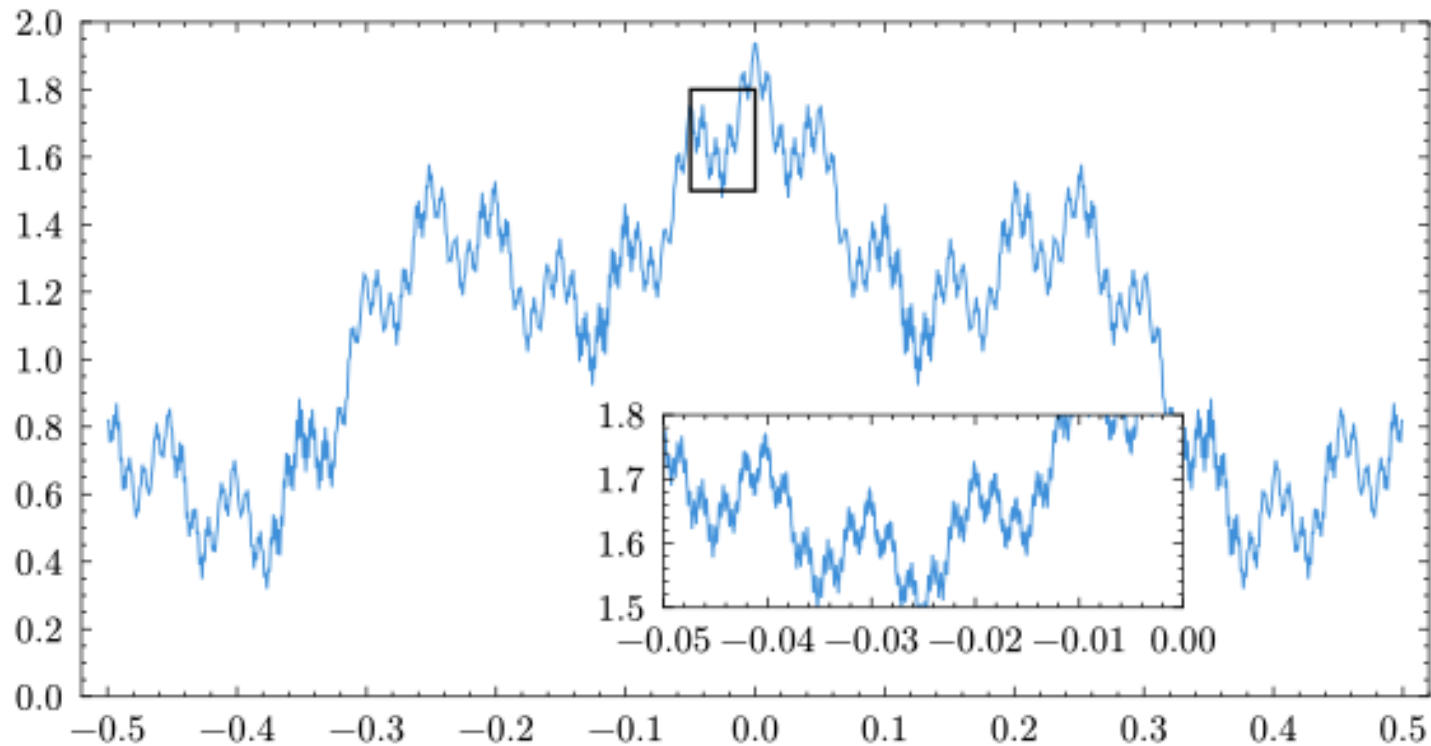
Useful community packages: **lilaq**

<https://lilaq.org/>



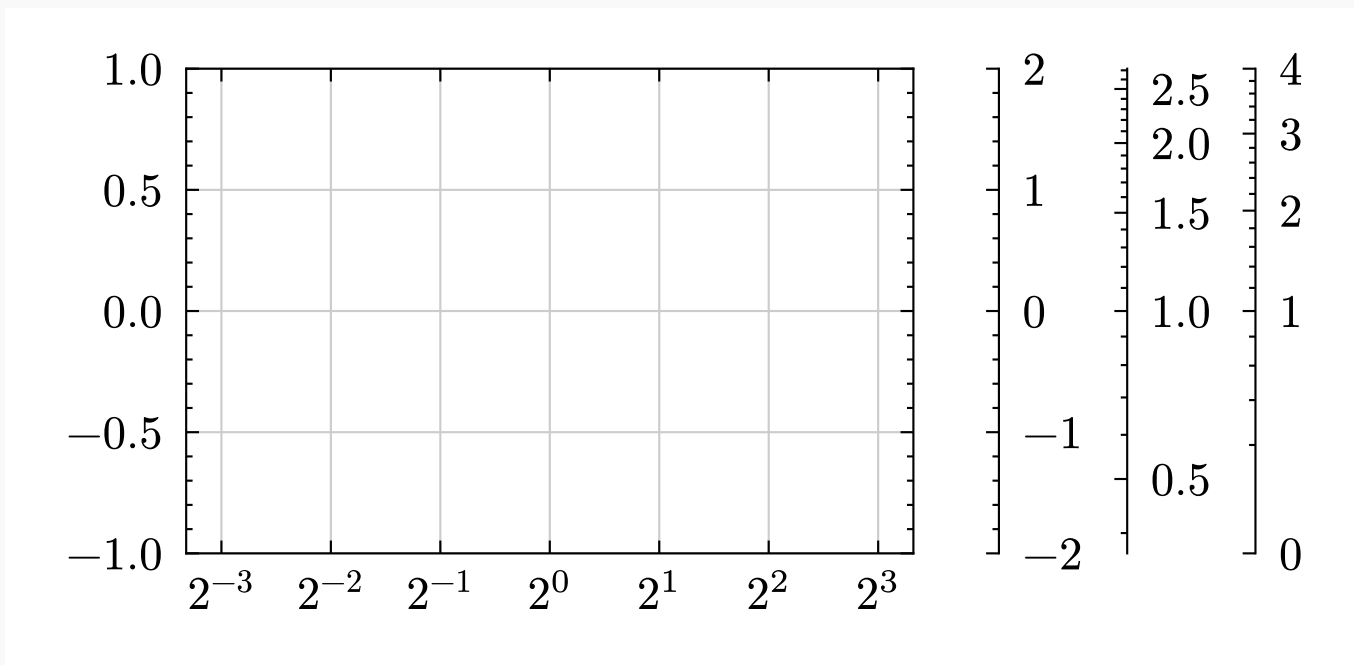
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<https://lilaq.org/>



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- multiples axes

More Useful community packages

- **alchemist**: A package to render skeletal formulas
- **unify**: Format numbers, units, and ranges with international units (alternative to `siunitx` from LaTeX)
- **cetz**: Powerful drawing library (alternative to `tikz` from LaTeX)
- **pavemat**: Style matrices with custom paths, strokes and fills.

And many mores at <https://typst.app/universe/>

Thank you for listening.

Some links

- Typst official website: <https://typst.app>
 - Typst documentation: <https://typst.app/docs>
 - Typst community packages: <https://typst.app/universe>
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- An in depth article about Typst and its comparison with LaTeX and Word: <https://blog.jreyesr.com/posts/typst/>
 - The unofficial Typst example book: https://sitandr.github.io/typst-examples-book/book/getting_started.html
 - A review of Typst as a programming language: <https://justinpombrio.net/2024/11/30/typst.html>
 - **Typst Community** -> community-driven organization for sustaining software related to the Typst ecosystem. : <https://github.com/typst-community/>