

ENIB: Typst hands on

October 29, 2025

Théophile ROOS

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).

What is Typst

- Open-Source markup-based typesetting system : modern alternative to LaTeX with a simpler and more readable syntax.
- Fast and instant preview : real-time rendering.
- Powerful programing capabilities : giving more flexibility than LaTeX without needing separate scripting.
- Cross-platform and browser-friendly – Can be used on the web without compromise (via <https://typst.app>).

“magick convert”

Practice !



Tips and tricks

2 main slide toolkit for Typst

- **Touying** (<https://touying-typ.github.io/>) failed to convert SVG to PDF: The SVG's nesting depth is too high.
- **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 dui minim nisi tempor adipisicing do *sunt*.

VUB 1, 2, 5

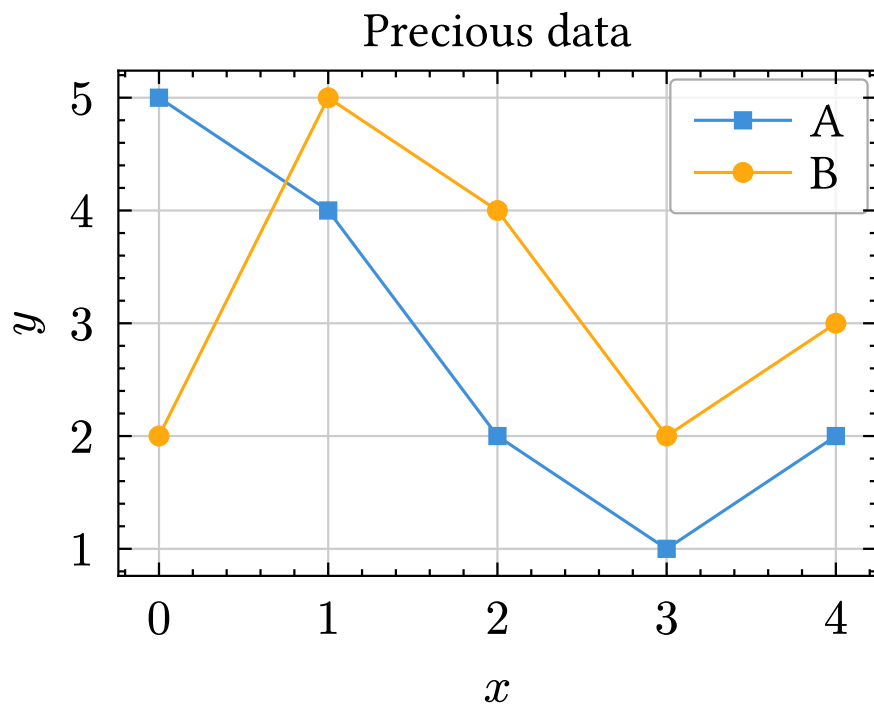
Not used : This key is not cited anywhere, it won't be in the glossary
unless the `show-all` argument is set to true

UCLouvain - Université catholique de Louvain : Sunt pariatur
deserunt irure dolore veniam voluptate cillum in. Officia nulla
laborum nostrud mollit officia aliqua. Laborum tempor aute proident
fugiat adipisicing qui laborum tempor ad officia. Nulla ipsum
voluptate in proident laborum labore nulla culpa sunt deserunt sit
ad aliqua culpa.

UGent - Universiteit Gent : Labore officia commodo dolor sunt eu
sunt excepteur enim nisi ex ad officia magna. Nostrud elit ullamco
quis amet id eu. Cupidatat elit cupidatat ad nulla laboris irure elit. 2,
3

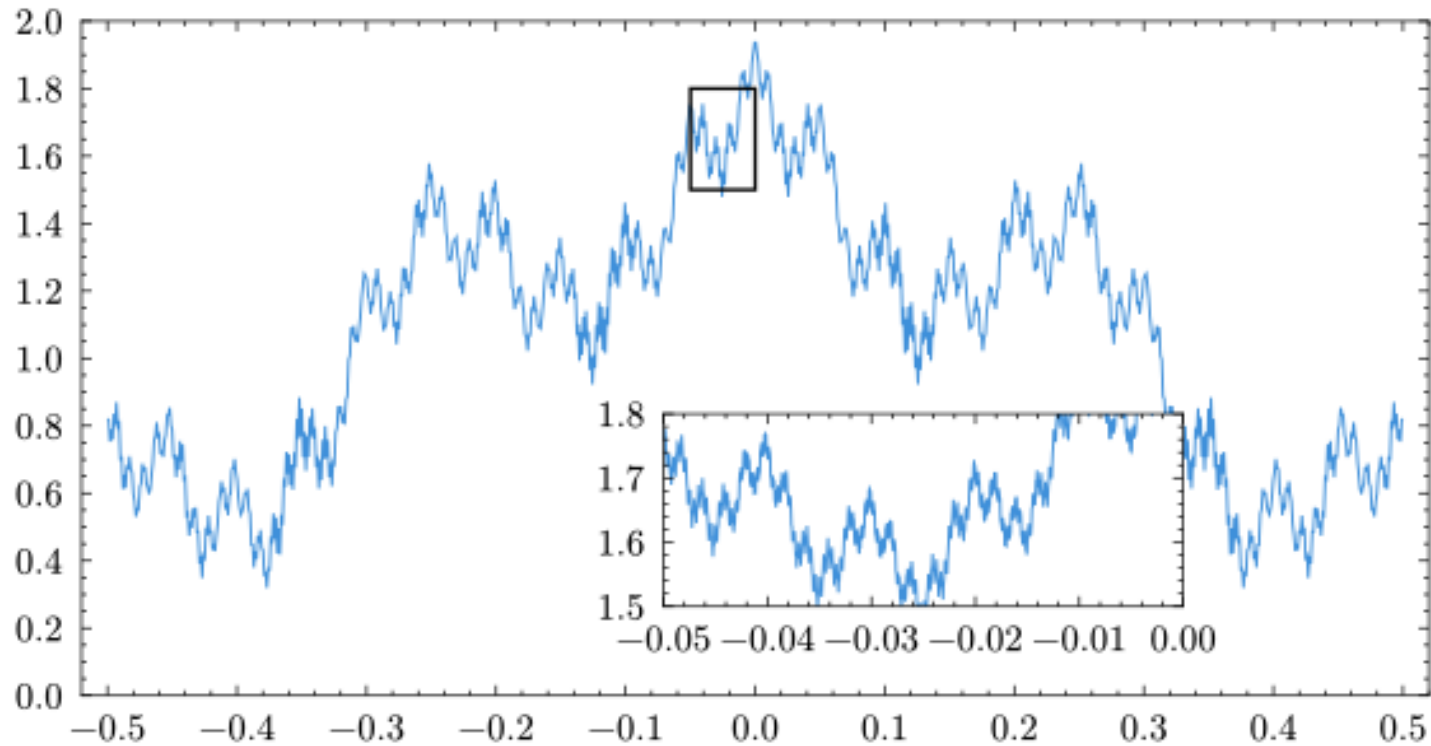
Useful community packages: **lilaq**

<https://lilaq.org/>



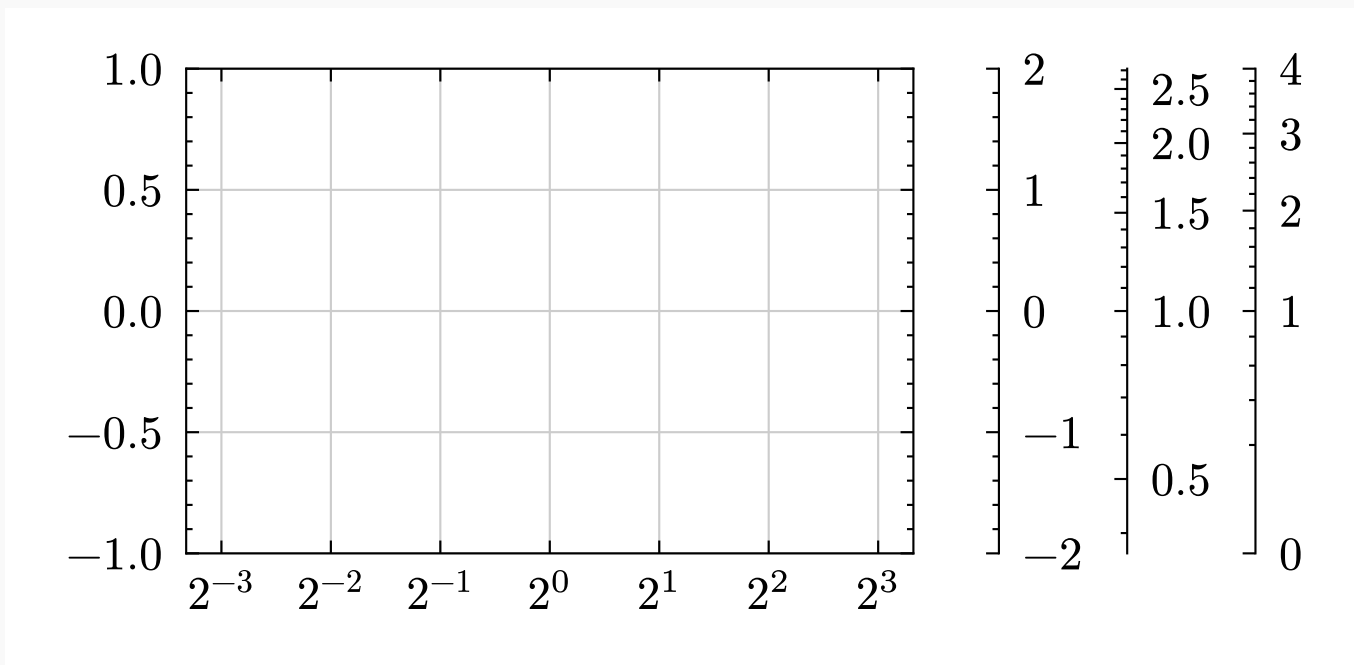
Useful community packages: **lilaq**

<https://lilaq.org/>



Useful community packages: **lilaq**

<https://lilaq.org/>



- 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>
-
- An in depth article about Typst and it 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/>