TYPST UNIVERSITY
BACHELOR THESIS IN TYPOGRAPHY
ORGANIZATION OF ORGANIZATIONS

Typst-Starter: Let's get started with that Thesis

Typst Lover
info@example.com

First supervisor	Prof. Dr. First Supervisor
Second supervisor	Prof. Dr. Second Supervisor
Advisor	Your Direct Advisor

May 7, 2026

Typst-Starter:
Let's get started with that Thesis

Written by: Typst Lover
ORCID: 0000-0000-0000-0000 | Email: info@example.com | https://example.com
First supervisor: Prof. Dr. First Supervisor
Second supervisor: Prof. Dr. Second Supervisor
Advisor: Your Direct Advisor

Bachelor Thesis in Typography | May 7, 2026

Typst University | Organization of Organizations

Declaration

GitHub Copilot [AI chatbot powered by Large Language Models (LLMs), integrated into VSCode] was used to assist with writing (formulation and wording) and coding. Any output by LLMs was critically reviewed and edited by the author, and all final decisions regarding content and phrasing were made by the author. The author is solely responsible for the content of this thesis.

I hereby declare that I have written this thesis independently and have not used any sources or aids other than those specified.

Ich versichere, dass ich diese Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt habe.

Place, May 7, 2026

insert place

Insert your signature

Typst Lover

Abstract

Writing a Thesis can be quite challenging since you have to combine many skills: those of your research field to do the actual research, then those of an author to write the thesis, and finally design knowledge to make it look good. This project helps you with the last part by kick-starting your Typst document.

Templates on the Typst Universe come ready-made, but limit design flexibility. They also require you to organize your project structure independently. Instead, we provide a complete repository scaffold that lets you begin writing immediately, while maintaining full control over styling and layout.

Zusammenfassung

Eine Thesis zu schreiben kann eine echte Herausforderung sein, die viele Fähigkeiten erfordert: fachliches Know-how für die eigentliche Forschung, die eines Autors für das Schreiben und schließlich gestalterisches Wissen, damit das Ergebnis auch visuell überzeugt. Dieses Projekt unterstützt dich beim letzten Schritt, indem es dir den Einstieg in dein Typst-Dokument erleichtert.

Im Typst-Universum stehen Templates als fertige Lösungen bereit, schränken aber oft die gestalterische Flexibilität ein. Außerdem musst du die Projektstruktur meist selbst organisieren. Stattdessen stellen wir dir hier ein vollständiges Repository-Scaffold zur Verfügung, mit dem du sofort loslegen kannst – bei voller Kontrolle über Stil und Layout.

Contents

1 Introduction

Here, we introduce everything you need to know to get started writing your thesis with this template: from how it is structured, to useful links to the documentation as well as basic examples for fundamental building blocks.

1.1 Welcome

Welcome to your thesis! This is *your* document and *your* place to put together your ideas and where all your results come together. On my Blog, I've written about how I made use of Typst for my Physics Bachelor thesis. This template repository was extracted from that thesis to help get you started more quickly and easily.

Usually, you would make use of one of the many templates on Typst Universe. The downside is that they don't tell you how to structure a big document like a thesis. And they don't allow you to make any customizations to the template afterwards.

So instead, what you get here is a pre-populated document structure with its own template in the `template/` folder. This way, we keep the document content itself separate from layout and typographic choices, while still giving you full control over every stylistic aspect. In fact, you could even just put the source code for any template from the Typst Universe in the `template/` folder and use that.

1.2 Template & Global imports

The main file you want to modify for stylistic choices is the `template/template.typ` file. Furthermore – as there are no global imports in Typst – you want to add this to every file in the `content/` folder:

```
#import "../template/globals.typ": *
```

In that `globals.typ` file, put any imports you want to use everywhere, e.g. I put the physica package there.

The template is being made use of in the `main.typ` file:

```
#show: thesis.with(
  title: "Typst-Starter: \nLet's get started with that Thesis",
  // and so on
)
```

If you want to make your own modifications to the template (which you will certainly have to), I recommend you do read Making a Template.

1.3 Getting started & helpful resources

In case you're coming from LaTeX, you will probably enjoy the Guide for LaTeX users. I also highly recommend to work through the great Typst Tutorial, it introduces you to the basics and is nice to follow. For more advanced things, you'll find everything either in the References,

the Typst Forum (use the search there), or in the Github issues. Also check out [1], a paper about Typst, written in Typst 😅

1.4 Setup

The setup should be described in the Typst-Starter Readme of this project. Essentially, use the Tinymist Typst Language Server, e.g. via the Tinymist Typst VSCode extension. For VSCode, I've already set up some defaults for the editor and spell checking in the `.vscode/settings.json`. I've also added some recommended extensions. Finally, as always, remember to commit frequently via Git to not loose your precious document.

1.5 Assets

Place your assets in the `assets/` folder and import them as shown for Figure 1.1. Always prefer vector graphics over raster images since vector graphics scale without loss of quality (you can zoom in as much as you like and they will still look crisp). And their file size is typically a lot smaller than raster images. If you want to edit vector graphics, there are online tools like Vectorpea. I personally use Affinity (coming from Adobe Illustrator & Photoshop).

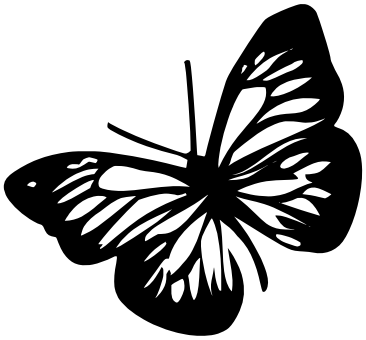

Figure 1.1: A butterfly. Taken from [2].

Furthermore, choose a colorblind-friendly color palette for your plots. There are plenty out there on the Internet, even simulators where you can test your color choices. It'd be a pity if some people couldn't read your plots. For how to use Matplotlib together with Typst, I wrote a dedicated section in my blog post.

1.6 More building blocks

More fundamental building blocks are explained in the Typst Tutorial. Here is a very brief overview. Use inline math to write formulas like $\mathcal{A}_{\text{ext}}[Q]$, $\frac{N}{N+1}$, $E = mc^2$ or $5.25 \cdot 10^{-3}\,\text{eV}$. Add another space and you get a display formula like Gauss' formula for the sum of the first n integers:

$$\sum_{k=1}^{n} k = \frac{n(n+1)}{2} \tag{1}$$

Or the fundamental theorem of calculus:

$$\int_a^b f(x)\,\mathrm{d}x = F(b) - F(a) \tag{2}$$

where f is the derivative of F. Keep your punctuation consistent, I usually prefer not to include points or commas after formulas typeset in display mode.

We can also reference (1) for use later on. Or get to know that it is located on page 4 . Figure 1.1 shows a butterfly, and Table 1.1 presents the most important results.

Evaluated at	**Mean Total Totality Error** ΔT [kJ]	**Mean Meaner** $\|\Delta\xi\|_2$
Red	0.314	0.015
Green	2.270	0.025
Blue	2.151	0.011
Yellow	2.132	0.52

Table 1.1: Very important results. The table is styled using the `booktabs` package.

1.7 Bibliography

For the bibliography, see the docs. Basically, you can continue to use BibTex `.bib` files. Or try out the new Hayagriva YAML File Format (used here). See the `literature.yml` file. You probably want to bookmark this nifty converter since journals online don't allow you to export to Hayagriva (yet).

1.8 Have Fun

Last but not least: have fun with your thesis. It's a long project and a daunting task, so one shouldn't forget to also enjoy it along the way. If you need some comedy, music and want to fall in love with humanity again, I recommend to watch Jacob Collier's Full Masterclass at some point. Finally, if you like this template repository, feel free to star it on GitHub.

2 Bibliography

[1] A. Voynov, A. Corbi, P. López-Oliver, and D. Gil, "Typst: A Modern Typesetting Engine for Science," *International Journal of Interactive Multimedia and Artificial Intelligence*, pp. 1–13, Feb. 2026, doi: 10.9781/ijimai.2026.2269.

[2] "Clipart nature patterned animal - Free SVG Image & Icon." Accessed: May 07, 2026. [Online]. Available: https://svgsilh.com/image/1437245.html

A Appendix

A.1 First Section in Appendix

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos.