
TU DELFT'S JB STARTERKIT

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Abstract

In this demo, we demonstrate how Jupyter Book can be used to create and publish a content rich paper that includes interactive elements such as code cells, visualizations, and multimedia. We will walk through the process of setting up a Jupyter Book, adding content, and deploying the final product online.

Keywords Jupyter Book, Open Science, TU Delft, Starterkit

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1 Use the starterkit

The instructions on this page guide you through the process of making your own book by creating a (new) GitHub repository from the starterkit template repository.

More information on the working with Jupyter Book can be found in [The TUD guide to open publishing with JupyterBook](#) or the official [Jupyter Book documentation](#).

1.1 Create a repository

Follow these instruction to use the GitHub template repository to create your own thesis repository.:

1. Go to the [starterkit repository](#)
2. Click the green button use this template and click create a new repository.
3. Choose a proper name of your repository (this will be also part of your URL!) and choose the option public.
4. In your repository, click on settings and in the left menu on Pages and choose Github Actions
5. Click on code and click on (the gear-icon near **About**) at the right site of the page.
6. Check the box **Use your GitHub Pages website**.
7. Go to Actions in the top menu, click on the (red) initial commit and click re-run all jobs

The book will now be deployed again - where now it can actually load GitHub pages.

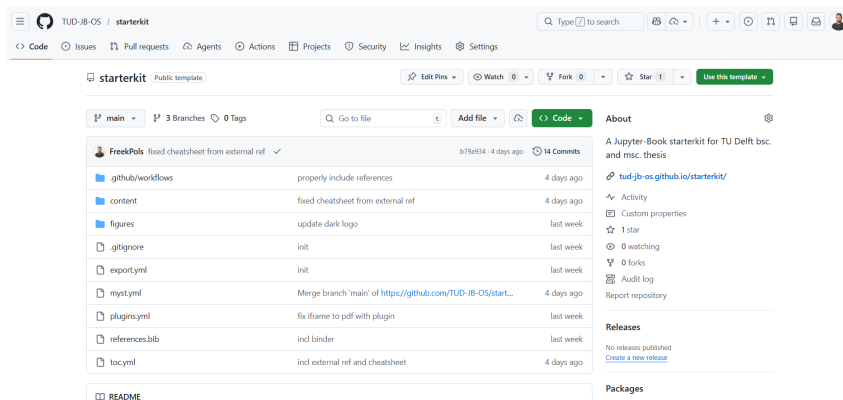
1.2 View your thesis online

The previous steps set up your repository with GitHub Pages using a GitHub Actions workflow. That action automatically builds your book (a website) and deploys it online. The URL of your book is based on your GitHub username:

`https://USERNAME.github.io/<reponame>`

You can also find the link easily from you GitHub repository home page under the “About” section on the right-hand side (illustrated in Figure ??).

You also have automatically two pdf's based on a LaTeX thesis and Typst thesis template. Two buttons can be found at the top right corner to inspect these pdf's.



2 Introduction

Jupyter Book has been rebuild from ground up using the MyST engine ([Jupyter et al., 2025](#)). This allows to export content in multiple output formats including HTML, PDF and docx. In this paper we present an overview of the possibilities and demonstrate its working.

2.1 Background

Some background information about Jupyter Book and its features, like exporting to multiple formats as indicated in Figure 1.

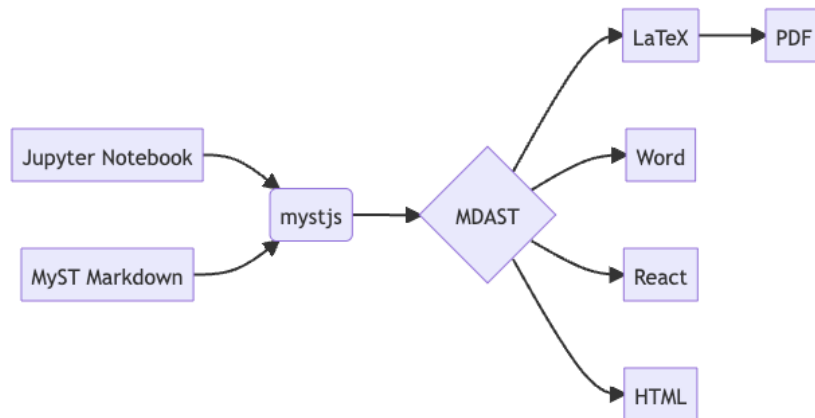


Figure 1: Some figure

3 Results

4 Conclusion

5 Appendix

5.1 Cheatsheet

References

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