

LaTeX Writing Standard

Jeremi Jarosz

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1 Introduction

This document outlines the LaTeX Writing Standard, providing guidelines and best practices for creating well-structured and consistent LaTeX documents. The key elements covered in this document include:

- **Document Structure and Organization:** Recommended directory layout and project initialization templates.
- **Core Preamble Configuration:** Essential packages, typography, layout settings, and metadata setup.
- **Common Environments and Code Snippets:** Guidelines for mathematical equations, tables, figures, and code listings.
- **Referencing and Bibliographies:** Instructions for bibliography management with BibTeX and citation examples.
- **Style Guidelines:** Consistent sectioning, macro definitions, and uniform formatting choices.
- **Version Control and Collaboration Standards:** Git integration, commit message conventions, and branching model.
- **Compilation and Build Process:** Preferred compiler and build instructions.
- **Quality Assurance and Checking Tools:** Linting and style checking tools, and CI integration.
- **Flexibility and Versioning of the Standard:** Core vs. add-on guidelines and update policy.

By following these guidelines, you can ensure that your LaTeX documents are consistent, well-organized, and maintainable.

For further details or for the full project, please visit the GitHub repository: **LaTeX writing standard repo**