

beautitled

User Manual

Version 0.1.0

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Introduction

beautitled is a Typst package that provides 19 beautiful, print-friendly title styles for documents. It is designed for educational materials, academic papers, textbooks, and any document that needs professional heading styles.

Features

- **19 distinctive styles** - From classic academic to modern creative
- **Print-friendly** - All styles use minimal ink (no heavy backgrounds)
- **Fully configurable** - Colors, sizes, spacing, and numbering
- **Multilingual** - Customizable prefixes for any language
- **Native Typst support** - Works with = Heading syntax
- **Four heading levels** - Chapter, section, subsection, subsubsection

Quick Start

Installation

```
#import "@preview/beautitled:0.1.0": *
```

Basic Usage

```
#import "@preview/beautitled:0.1.0": *
```

```
#beautitled-setup(style: "titled")
```

```
#chapter[My Chapter Title]
```

```
#section[My Section Title]
```

```
#subsection[My Subsection Title]
```

```
#subsubsection[My Subsubsection Title]
```

Using Native Typst Headings

You can also use the standard Typst heading syntax:

```
#import "@preview/beautitled:0.1.0": *
```

```
#show: beautitled-init
```

```
= Chapter Title
```

```
== Section Title
```

```
=== Subsection Title
```

```
==== Subsubsection Title
```

Configuration

All configuration is done through the `beautitled-setup` function. You can call it multiple times to change settings at any point in your document.

Complete Parameter Reference

Parameter	Default	Description
style	"titled"	The visual style to use (see Available Styles)
primary-color	rgb("#2c3e50")	Main color for titles
secondary-color	rgb("#7f8c8d")	Secondary color for labels and decorations

accent-color	rgb("#2980b9")	Accent color for highlights
background-color	white	Background color (rarely used)
chapter-size	18pt	Font size for chapter titles
section-size	14pt	Font size for section titles
subsection-size	12pt	Font size for subsection titles
subsubsection-size	11pt	Font size for subsubsection titles
show-chapter-number	true	Show chapter numbers
show-section-number	true	Show section numbers
show-subsection-number	true	Show subsection numbers
show-chapter-in-section	true	Show chapter info in section labels (titled style)
chapter-prefix	"Chapitre"	Text before chapter number
section-prefix	"Section"	Text before section number
chapter-above	1.2em	Space above chapters
chapter-below	0.5em	Space below chapters
section-above	0.5em	Space above sections
section-below	0.4em	Space below sections
subsection-above	0.5em	Space above subsections
subsection-below	0.3em	Space below subsections

Available Styles

Style Categories

Original

- **titled** - Boxed sections with floating labels showing chapter info (DEFAULT)

General Purpose

- **classic** - Traditional academic with underlines
- **modern** - Clean geometric with accent colors
- **elegant** - Refined with decorative ornaments
- **bold** - Strong left border emphasis
- **creative** - Student portfolio style
- **minimal** - Ultra-clean with maximum whitespace
- **vintage** - Classic book ornamental style

Educational

- **schoolbook** - Textbook style for lessons
- **notes** - Course notes and study materials

- **clean** - Maximum simplicity

Academic

- **technical** - Engineering documentation style
- **academic** - Professional academic with underlined chapters
- **textbook** - Bold numbers with clear hierarchy
- **scholarly** - Centered chapters with thin rules
- **classical** - Small caps, refined and minimal
- **educational** - Left border with large colored numbers
- **structured** - Boxed chapter numbers
- **magazine** - Editorial/magazine style

Examples

Example 1: Basic Document with Chapter

Ch. 1 : Géométrie vectorielle — SECTION 1

Espace vectoriel

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

1.1 Définitions de base

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

Code:

```
#beautitled-setup(style: "titled", show-chapter-in-section: true)
#chapter[Géométrie vectorielle]
#section[Espace vectoriel]
Lorem ipsum dolor sit amet...
#subsection[Définitions de base]
Ut enim ad minim veniam...
```

Example 2: Without Chapter (Sections Only)

SECTION 1

Les vecteurs

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Addition de vecteurs

Ut enim ad minim veniam, quis nostrud exercitation.

Code:

```
#beautitled-setup(style: "titled", show-chapter-in-section: false)
#section[Les vecteurs]
Lorem ipsum dolor sit amet...
#subsection[Addition de vecteurs]
Ut enim ad minim veniam...
```

Example 3: Academic Style with Custom Colors

Chapitre 1

Introduction to Analysis

1.1 Limits and Continuity

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1.1 Definition of Limits

Ut enim ad minim veniam, quis nostrud exercitation.

Code:

```
#beautitled-setup(
  style: "academic",
  primary-color: rgb("#1a5276"),
  secondary-color: rgb("#5dade2"),
  chapter-size: 20pt,
  section-size: 15pt,
)
#chapter[Introduction to Analysis]
#section[Limits and Continuity]
...
```

Example 4: English Document

CHAPTER I

Theoretical Framework

1. Literature Review

1.1 Previous Studies

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Ut enim ad minim veniam, quis nostrud exercitation.

Code:

```
#beautitled-setup(  
  style: "scholarly",  
  chapter-prefix: "Chapter",  
  section-prefix: "Section",  
)  
#chapter[Theoretical Framework]  
#section[Literature Review]  
...
```

Example 5: Without Numbering

— ♦ —

POÉSIE

— ♦ —

LES FLEURS DU MAL

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

§ *Spleen et Idéal*

Ut enim ad minim veniam, quis nostrud exercitation.

Code:

```
#beautitled-setup(  
  style: "elegant",  
  show-chapter-number: false,  
  show-section-number: false,  
  show-subsection-number: false,  
)  
#chapter[Poésie]  
#section[Les Fleurs du Mal]  
...
```

Example 6: Different Styles Comparison

Modern Style:



Classical Style:



Textbook Style:



Educational Style:



Table of Contents

beautitled provides a styled table of contents that matches your heading style.

Basic Usage

```
#beautitled-toc()
```

Custom Title

```
#beautitled-toc(title: "Contents")  
#beautitled-toc(title: "Table of Contents")  
#beautitled-toc(title: "Sommaire")
```

Parameters

Parameter	Default	Description
-----------	---------	-------------

title	"Table des matières"	Title displayed above the TOC
depth	3	Maximum heading level to include
style	none	Override style for TOC (none = use heading style)

Mixing Styles

You can use different styles for your headings and TOC:

```
// Headings use "titled" style
#beautitled-setup(style: "titled")

// TOC uses "scholarly" style
#beautitled-toc(title: "Contents", style: "scholarly")

#chapter[First Chapter]
...
```

TOC Configuration Options

These options can be set via beautitled-setup:

Parameter	Default	Description
toc-style	none	Different style for TOC (overrides heading style)
toc-indent	1em	Indentation per level
toc-chapter-size	12pt	Font size for chapters in TOC
toc-section-size	11pt	Font size for sections in TOC
toc-subsection-size	10pt	Font size for subsections in TOC
toc-fill	repeat[.]	Fill between title and page number
toc-show-subsections	true	Include subsections in TOC

Available TOC Styles (7)

titled (default)

Chapitre 1 : Introduction 1

1.1 Contexte 1

1.1.1 Historique 2

classic

Chapitre 1 : Introduction 1

1.1 Contexte 1

modern

Chapitre 1 : Introduction 1

▶ 1.1 Contexte 1

elegant

CHAPITRE 1 : INTRODUCTION 1

1.1 Contexte 1

bold

■ CHAPITRE 1 : INTRODUCTION	1
1.1 Contexte	1

minimal

Chapitre 1 : Introduction	1
1.1 Contexte	1

scholarly

Chapitre 1 : Introduction	1
1.1 Contexte	1

Page Breaks

Enable automatic page breaks before chapters:

```
#beautitled-setup(  
  style: "textbook",  
  chapter-pagebreak: true,  
)
```

```
#chapter[First Chapter]  
// Content...
```

```
#chapter[Second Chapter] // Automatic page break here  
// Content...
```

Note: The first chapter does not trigger a page break.

Built-in Presets

beautitled includes several presets for common configurations:

Language Presets

```
// French (default)  
#preset-french()
```

```
// English  
#preset-english()
```

```
// German  
#preset-german()
```

```
// No numbering  
#preset-no-numbers()
```

Color Themes

```
#theme-ocean() // Blue tones  
#theme-forest() // Green tones  
#theme-royal() // Purple tones  
#theme-mono() // Grayscale  
#theme-warm() // Orange/brown tones  
#theme-coral() // Red tones
```

Tips and Best Practices

Choosing a Style

- **For math/science textbooks:** titled, schoolbook, textbook, academic
- **For course notes:** notes, clean, minimal
- **For formal academic papers:** scholarly, classical, academic
- **For creative projects:** creative, modern, magazine
- **For classic book feel:** vintage, elegant

Print Considerations

All styles are designed to be print-friendly:

- No heavy background fills
- Thin strokes and borders
- High contrast text
- Minimal ink usage

Combining with Other Packages

beautitled works well with other Typst packages. Just make sure to call `beautitled-setup` after importing the package.

Changelog

Version 0.1.0

- Initial release
- 19 styles
- Full configuration support
- Native Typst heading support
- Language presets
- Color themes
- Styled Table of Contents
- Page break support

Style Showcase

All 19 available styles

titled

Original boxed sections with floating labels (DEFAULT)

Chapter 1 : Géométrie vectorielle

SECTION 1

Espace vectoriel

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

1.1 Définitions de base

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris.

1.1.1 Notation

Duis aute irure dolor in reprehenderit.

classic

Traditional academic with underlines

CHAPTER I

Introduction

1. Fundamental Concepts

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Basic Definitions

Ut enim ad minim veniam, quis nostrud exercitation.

modern

Clean geometric with accent colors

01 | Digital Innovation

■ 1 Technology Trends

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Emerging Platforms

Ut enim ad minim veniam, quis nostrud exercitation.

elegant

Refined with decorative ornaments



CHAPTER I

THE ART OF TYPOGRAPHY



i. HISTORICAL PERSPECTIVES

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

§ 1.1 *Classical Influences*

Ut enim ad minim veniam, quis nostrud exercitation.

bold

Strong left border emphasis

CHAPTER 1

KEY ANNOUNCEMENTS

1. MAIN HEADLINES

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Topics

Ut enim ad minim veniam, quis nostrud exercitation.

creative

Student portfolio style

Chapter 1

Design Projects

○○○

① Creative Work

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

▢ 1.1 Branding

Ut enim ad minim veniam, quis nostrud exercitation.

minimal

Ultra-clean with maximum whitespace

01

Simplicity

1 Core Principles

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Elements

Ut enim ad minim veniam, quis nostrud exercitation.

vintage

Classic book ornamental style

◆ ◆ ◆

Chapter

I

Tales of Yore

— 🍷 —

§ I. The Beginning §

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

🍷 i. First Encounters

Ut enim ad minim veniam, quis nostrud exercitation.

Chapter 1 – Analyse

1. Les fonctions affines

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Représentation graphique

Ut enim ad minim veniam, quis nostrud exercitation.

notes

Course notes and study materials

Chapter 1 | Trigonométrie

1. Angles et mesures

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Cercle trigonométrique

Ut enim ad minim veniam, quis nostrud exercitation.

clean

Maximum simplicity

1. Géométrie

1. Vecteurs

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Opérations

Ut enim ad minim veniam, quis nostrud exercitation.

CHAPTER 1

System Architecture

1.1 Component Overview

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1.1 Module Specifications

Ut enim ad minim veniam, quis nostrud exercitation.

Chapter 1

Introduction

1.1 Background

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1.1 Historical Context

Ut enim ad minim veniam, quis nostrud exercitation.

textbook

Bold numbers with clear hierarchy

1

CHAPTER

Fundamentals

1 Core Concepts

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Definitions

Ut enim ad minim veniam, quis nostrud exercitation.

scholarly

Centered with thin rules

CHAPTER I

Methodology

1. Research Design

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Data Collection

Ut enim ad minim veniam, quis nostrud exercitation.

classical

Small caps, refined and minimal

Chapter 1

ANALYSIS

§1. Findings

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Discussion

Ut enim ad minim veniam, quis nostrud exercitation.

1

Applications

1.1 Real-World Examples

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1.1 Case Studies

Ut enim ad minim veniam, quis nostrud exercitation.

structured

Boxed chapter numbers

1 Problem Solving

1 Techniques

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Worked Examples

Ut enim ad minim veniam, quis nostrud exercitation.

01

CHAPTER

Feature Story

SECTION 1

The Investigation

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1 Key Findings

Ut enim ad minim veniam, quis nostrud exercitation.