beautitled

User Manual

Version 0.1.0

Table of Contents

01 | 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.

1 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

02 | Quick Start

1 Installation

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

2 Basic Usage

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

#beautitled-setup(style: "titled")
#show: beautitled-init

= My Chapter Title
== My Section Title
=== My Subsection Title
==== My Subsubsection Title
```

03 | 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.

1 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`	`"Chapter"`	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	

04 | Available Styles

■ 1 Style Categories

1.1 Original

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

1.2 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

1.3 Educational

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

1.4 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

05 | Examples

1 Example 1: Basic Document with Chapter

Chapitre 1 : Vector Geometry

Ch. 1 : Vector Geometry — SECTION 1

Vector Space

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

1.1 Basic Definitions

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

Code:

```
#beautitled-setup(style: "titled", show-chapter-in-section: true)
#show: beautitled-init

= Vector Geometry
== Vector Space
Lorem ipsum dolor sit amet...
=== Basic Definitions
Ut enim ad minim veniam...
```

▪ 2   Example 2: Without Chapter (Sections Only)

SECTION 1

Vectors

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1   Vector Addition

Ut enim ad minim veniam, quis nostrud exercitation.

Code:

```
#beautitled-setup(style: "titled", show-chapter-in-section: false)
#show: beautitled-init

== Vectors
Lorem ipsum dolor sit amet...
=== Vector Addition
Ut enim ad minim veniam...
```

▪ 3 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,
)
#show: beautitled-init

= Introduction to Analysis
== Limits and Continuity
...
```

■ 4 Example 4: English Document

CHAPTER I

Theoretical Framework

1. Literature Review

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1.1 Previous Studies

Ut enim ad minim veniam, quis nostrud exercitation.

Code:
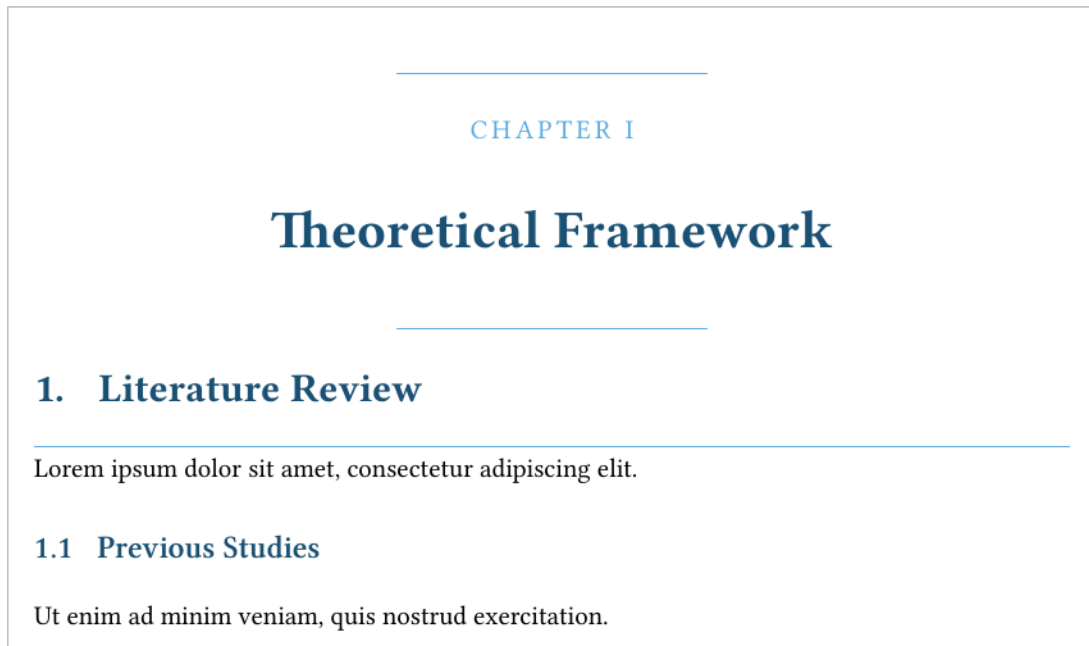
```
#beautitled-setup(
  style: "scholarly",
  chapter-prefix: "Chapter",
  section-prefix: "Section",
)
#show: beautitled-init

= Theoretical Framework
== Literature Review
...
```

5 Example 5: Without Numbering
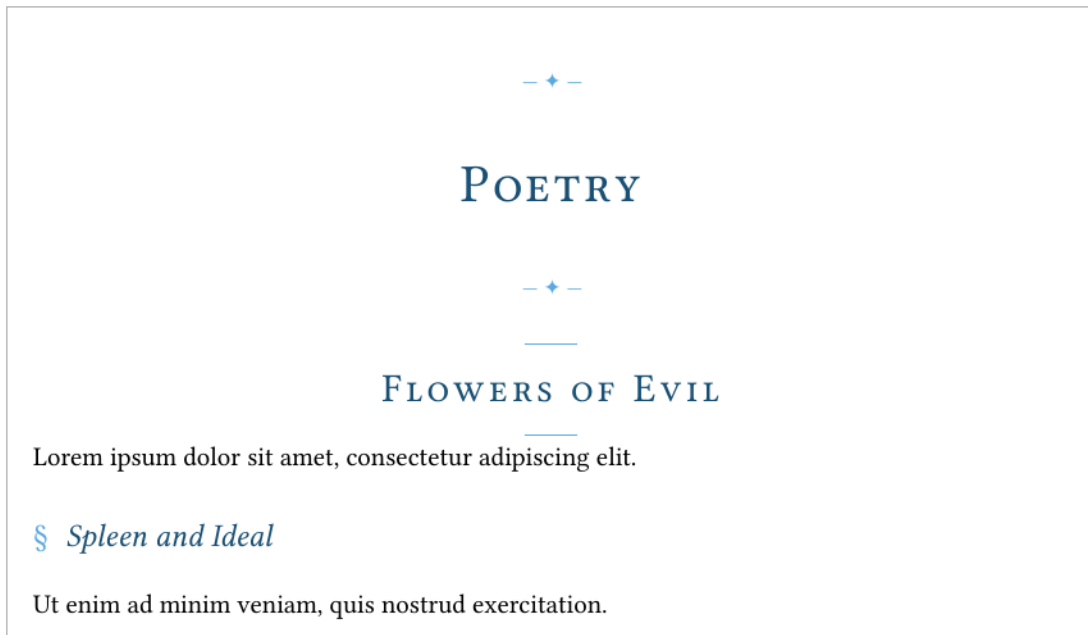
Code:

```
#beautitled-setup(
  style: "elegant",
  show-chapter-number: false,
  show-section-number: false,
  show-subsection-number: false,
)
#show: beautitled-init

= Poetry
== Flowers of Evil
...
```
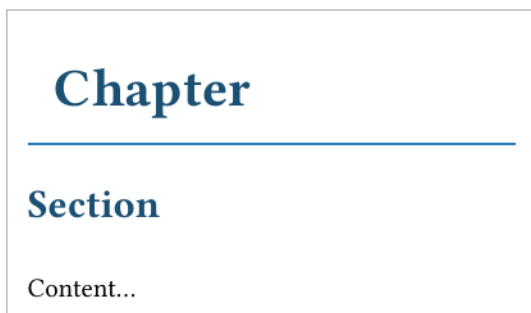
6 Example 6: Different Styles Comparison

Modern Style:

Chapter

■ **Section**
Content...

Classical Style:

CHAPTER

Section

Content...

Textbook Style:

Chapter

Section

Content...

Educational Style:

Chapter

Section

Content...

06 | Table of Contents

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

■ 1 Basic Usage

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

■ 2 Custom Title

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

■ 3 Parameters

Parameter	Default	Description
title	"Table of Contents"	Title displayed above the TOC
depth	3	Maximum heading level to include (1=chapters, 2=+sections, 3=+subsections)
style	none	Override style for TOC (none = use heading style)
title-align	center	Title alignment: center, left, or right

4 Simple Style with Sections Only

For a clean, flat TOC showing only sections (no chapters):

```
#beautitled-toc(
  title: "Table of Contents",
  style: "simple",
  title-align: left,
  depth: 2,  // Show chapters and sections only
)
```

5 Mixing Styles

You can use different styles for your headings and TOC:

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

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

= First Chapter
...
```

6 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

7 Available TOC Styles (8)

titled (default)   **classic**

<table>
<tr><td>

titled

❙ Chapter 1 : Introduction **1**

   1.1 Context 1

      1.1.1 History 2

</td><td>

classic

Chapter 1 : Introduction **1**

   1.1 Context 1

</td></tr>
</table>

modern   **elegant**

modern

❙ **Chapter 1 : Introduction** 1

▸ 1.1 Context 1

elegant

Chapter 1 : Introduction   1

1.1 Context · *1*

bold

bold

❙ **CHAPTER 1 : INTRODUCTION** **1**

1.1 Context **1**

minimal

minimal

Chapter 1 : Introduction   1

1.1 Context   1

scholarly

scholarly

Chapter 1 : Introduction   1

1.1 Context 1

simple

simple

1 Vector Space 2

2 Linear Dependence 3

3 Vector Norm 7

07 ❙ Page Breaks

Enable automatic page breaks before chapters:

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

= First Chapter
// Content...
```

```
= Second Chapter   // Automatic page break here
// Content...
```

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

08 | Built-in Presets

beautitled includes several presets for common configurations:

■ 1 Language Presets

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

// English
#preset-english()

// German
#preset-german()

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

■ 2 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
```

09 | Tips and Best Practices

■ 1 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`

■ 2 Print Considerations

All styles are designed to be print-friendly:

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

3 Combining with Other Packages

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

010 | Changelog

1 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

Chapter 1 : Sample Chapter

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Ch. 1 : Sample Chapter — SECTION 1

Core Concepts

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

1.1 Key Terms

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

classic

CHAPTER I

Sample Chapter

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

1. Core Concepts

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

1.1 Key Terms

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

modern

01 | **Sample Chapter**

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

■ **1 Core Concepts**

Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

1.1 Key Terms

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

elegant

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Chapter I

Sample Chapter

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i. Core Concepts

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§ *1.1 Key Terms*

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

bold

CHAPTER 1

SAMPLE CHAPTER

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

| **1. CORE CONCEPTS**

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1.1 Key Terms

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creative

Chapter 1

Sample Chapter

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① **Core Concepts**

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minimal

01

Sample Chapter

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vintage

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Chapter

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✤ *i. Key Terms*

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schoolbook

Chapter 1 — **Sample Chapter**

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1. Core Concepts

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1.1 Key Terms

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notes

clean

technical

academic

Chapter 1 | **Sample Chapter**
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1. Core Concepts
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1.1 Key Terms
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textbook

1. Sample Chapter
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1. Core Concepts
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scholarly

CHAPTER **1**
Sample Chapter
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1.1 Core Concepts
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Chapter 1

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scholarly

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classical

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1.1.1 Key Terms
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structured

1 Sample Chapter
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1 Core Concepts
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1.1 Key Terms
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magazine

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Sample Chapter

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SECTION 1
Core Concepts
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1 Key Terms
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