

# 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                                    |
|------------------------------|-----------------------------|--|
| <code>style</code>           | "titled"                    | The visual style to use (see Available Styles) |
| <code>primary-color</code>   | <code>rgb("#2c3e50")</code> | Main color for titles                          |
| <code>secondary-color</code> | <code>rgb("#7f8c8d")</code> | 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

## Chapitre 1 : Géométrie vectorielle

— 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

---

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",  
)  
#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:**

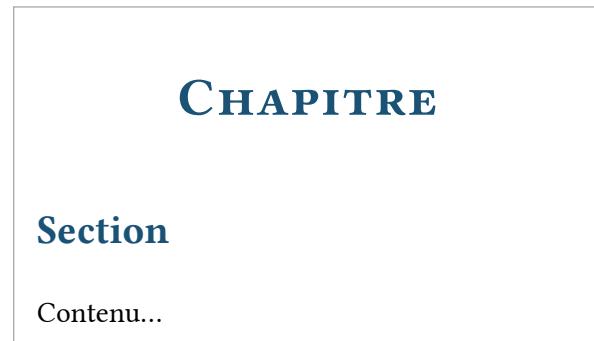
```
#beautitled-setup(  
    style: "elegant",  
    show-chapter-number: false,  
    show-section-number: false,  
    show-subsection-number: false,  
)  
#chapter[Poésie]  
#section[Les Fleurs du Mal]  
...
```

## 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 |
|-----------|---------|-------------|
|-----------|---------|-------------|

|                    |                      |   |
|--------------------|----------------------|---|
| <code>title</code> | "Table des matières" | Title displayed above the TOC                     |
| <code>depth</code> | 3                    | Maximum heading level to include                  |
| <code>style</code> | 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                                       |
|-----------------------------------|------------------------|---|
| <code>toc-style</code>            | none                   | Different style for TOC (overrides heading style) |
| <code>toc-indent</code>           | 1em                    | Indentation per level                             |
| <code>toc-chapter-size</code>     | 12pt                   | Font size for chapters in TOC                     |
| <code>toc-section-size</code>     | 11pt                   | Font size for sections in TOC                     |
| <code>toc-subsection-size</code>  | 10pt                   | Font size for subsections in TOC                  |
| <code>toc-fill</code>             | <code>repeat[.]</code> | Fill between title and page number                |
| <code>toc-show-subsections</code> | true                   | Include subsections in TOC                        |

## Available TOC Styles (7)

`titled` (default)

|  |          |
|--|----------|
| <b>I Chapitre 1 : Introduction .....</b> | <b>1</b> |
| 1.1 Contexte .....                       | 1        |
| 1.1.1 Historique .....                   | 2        |

`classic`

|  |          |
|--|----------|
| <b>Chapitre 1 : Introduction .....</b> | <b>1</b> |
| 1.1 Contexte .....                     | 1        |

`modern`

|  |          |
|--|----------|
| <b>I Chapitre 1 : Introduction .....</b> | <b>1</b> |
| ▶ 1.1 Contexte .....                     | 1        |

`elegant`

|                                    |          |
|------------------------------------|----------|
| <b>CHAPITRE 1 : INTRODUCTION 1</b> |          |
| <i>1.1 Contexte .....</i>          | <i>1</i> |

**bold**

|  |          |
|--|----------|
| <b>■ CHAPITRE 1 : INTRODUCTION .....</b> | <b>1</b> |
| <b>1.1 Contexte .....</b>                | <b>1</b> |

**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

0 1

# 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.

## **schoolbook**

Textbook style for lessons

# 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.

**technical**

Engineering documentation

## 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.

## academic

Professional academic style

### 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.

**educational**

Left border with colored numbers

# 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.

magazine

Editorial/magazine style

# 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.