

Custom Transition Demo

Unlimited Design Freedom

Presentate Team | 2026-01-18

1 Part 1: Simple Overview

About Presentate

Presentate is a flexible Typst template for professional presentations.

- **Zero-Jitter:** Transitions are engineered for perfect pixel-alignment.
- **Mapping:** Explicit role assignment for heading levels.

Theme Rationale

Define exactly what happens when parts or sections change.

2 Part 2: Core Features

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2.1 Standard Formatting

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Text & Math

- **Emphasis, italics, and code blocks.**
- Math equations: $\varphi = \frac{1+\sqrt{5}}{2}$.

2.1 Standard Formatting

2 Part 2: Core Features

2.2 Advanced Layouts

Columns & Blocks

Use blocks to highlight important notes.

2.2 Advanced Layouts

3 Part 3: Nested Structure

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3.1 Navigation Logic

3.1.1 Structure Mapping

3.1.2 Auto-Titling

3.1 Navigation Logic

3 Part 3: Nested Structure

3.1 Navigation Logic

3.1.1 Structure Mapping

3.1.2 Auto-Titling

The Mapping Contract

Map heading levels to logical roles in the template.

3.1 Navigation Logic / 3.1.1 Structure Mapping

3 Part 3: Nested Structure

3.1 Navigation Logic

3.1.1 Structure Mapping

3.1.2 Auto-Titling

Dynamic Headers

auto-title: true synchronizes slide headers with the current subsection.

3.1 Navigation Logic / 3.1.2 Auto-Titling

4 Global Configuration

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4.1 Metadata & Layout

Document Setup

Common arguments for all templates:

- title, subtitle, author, date: Document information.
- aspect-ratio: "16-9" (default) or "4-3".
- show-heading-numbering: true or false.

4.1 Metadata & Layout

4 Global Configuration

4.2 Typography

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Font Settings

Presentate UI scales automatically with these options:

- `text-font`: Base font family (default: "Lato").
- `text-size`: Base font size (default: 20pt).

```
#show: template.with(  
  text-font: "Roboto",  
  text-size: 22pt,  
)
```

4.2 Typography

4 Global Configuration

4.3 Structural Mapping

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Level Roles

Explicitly define what each = level represents:

- mapping: (part: 1, section: 2, subsection: 3)
- auto-title: true: Automatically titles slides using the lowest mapped level.

4.3 Structural Mapping

4 Global Configuration

4.4 Transition Logic

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Transitions & Hooks

Control automatic transition slides:

- transitions: (enabled: true, level: 2)
- on-part-change: Custom hook for level 1.
- on-section-change: Custom hook for level 2.
- on-subsection-change: Custom hook for level 3.

4.4 Transition Logic

5 Custom Specific Options

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5.1 Injectable Hooks

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Transition Functions

Pass a function returning a slide to any change hook:

```
on-part-change: (h) => empty-slide(fill: blue, {  
  set align(center + horizon)  
  text(3em, h.body)  
}),  
on-section-change: ....,  
on-subsection-change: ....
```

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5 Custom Specific Options

5.2 Manual Overrides

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Header & Footer

Complete control over the slide layout:

```
header: [ My Custom Header ],  
footer: [ Page #counter(page).display() ],
```