

The Miniframes Theme

A deep dive into structured navigation

David Hajage

2026-01-24

1 Introduction

2 Hierarchy & Structure

3 Navigation Customization

4 Layout & Spacing

5 Conclusion

1 Introduction

1-1 Theme Overview

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



1-1 Theme Overview

The **Miniframes** theme provides a navigation bar at the top or bottom of every slide.

It uses small dots to represent the progress within each structural unit, ensuring the audience always knows where you are in your presentation.

1 Introduction

1-2 Roadmap Transitions

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



1-2 Roadmap Transitions

The transition engine automatically generates roadmap slides when the document structure changes.

By default, it highlights the active section while showing its context. This is fully configurable via the transitions dictionary.

1 Introduction

2 Hierarchy & Structure

3 Navigation Customization

4 Layout & Spacing

5 Conclusion

2 Hierarchy & Structure

2-1 3-Level Support

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



Advanced Hierarchy

Miniframes supports up to 3 levels of hierarchy:

- 1. Level 1 (Part):** Acts as a global group title in the bar.
- 2. Level 2 (Section):** Acts as a row title in the bar.
- 3. Level 3 (Subsection):** Groups of dots separated by a vertical bar |.

2 Hierarchy & Structure

2-2 Automatic Titling

1 Introduction

1-1 Theme Overview

2 Hierarchy & Structure

2-1 3-Level Support

1-2 Roadmap Transitions

2-2 Automatic Titling

3 Navigation Customization

3-1 Compact vs Grid

3-2 Marker Shapes

3-3 Alignment Options

3-4 Custom Colors

4 Layout & Spacing

4-1 Spacing Control

4-2 Position & Margins

5 Conclusion

5-1 Summary

2-2 Automatic Titling

With `auto-title: true`, the theme automatically uses the current heading as the slide title.

This reduces repetition and ensures your slides are always correctly labeled according to your document structure.

1 Introduction

2 Hierarchy & Structure

3 Navigation Customization

4 Layout & Spacing

5 Conclusion

3 Navigation Customization

3-1 Compact vs Grid

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



3-1 Compact vs Grid

The navigation bar offers two layout styles:

- **compact:** All dots of a section are squeezed into a single line.
- **grid:** Each unit (Section or Subsection) gets its own line for better clarity.

3 Navigation Customization

3-2 Marker Shapes

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



3-2 Marker Shapes

Progress indicators can be customized:

- **marker-shape:** Choose between "circle" or "square".
- **marker-size:** Adjust the size of the indicators.

3 Navigation Customization

3-3 Alignment Options

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



3-3 Alignment Options

You have fine-grained control over alignment:

- `align-mode`: Aligns the entire navigation block (left, center, right).
- `dots-align`: Aligns the dots **within** their respective columns.

3 Navigation Customization

3-4 Custom Colors

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



3-4 Custom Colors

Beyond the primary theme color, you can override specific colors:

```
navigation: (
  fill: rgb("#2d3436"),
  active-color: yellow,
  inactive-color: gray,
  text-color: white
)
```

1 Introduction

2 Hierarchy & Structure

3 Navigation Customization

4 Layout & Spacing

5 Conclusion

4 Layout & Spacing

4-1 Spacing Control

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



4-1 Spacing Control

Control the rhythm of the navigation bar:

- **gap**: Horizontal space between section groups.
- **line-spacing**: Vertical space between titles and dots.
- **inset**: Internal padding of the navigation block.

4 Layout & Spacing

4-2 Position & Marges

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Margins



5 Conclusion

5-1 Summary



4-2 Position & Marges

The bar can be at the "top" or "bottom".

When in "bottom", the theme automatically adds top margin to the slide titles to maintain a balanced visual composition.

1 Introduction

2 Hierarchy & Structure

3 Navigation Customization

4 Layout & Spacing

5 Conclusion

5 Conclusion

5-1 Summary

1 Introduction

1-1 Theme Overview



2 Hierarchy & Structure

2-1 3-Level Support



1-2 Roadmap Transitions



3 Navigation Customization

3-1 Compact vs Grid



3-2 Marker Shapes



3-3 Alignment Options



3-4 Custom Colors



4 Layout & Spacing

4-1 Spacing Control



4-2 Position & Marges



5 Conclusion

5-1 Summary



5-1 Summary

The Miniframes theme is the most sophisticated choice for long, technical, or highly structured presentations.

```
#import "@preview/presentate:0.2.3": miniframes, pause
```

```
#import miniframes: template, slide
```

```
#show: template.with(
```

```
  title: [My Presentation],
```

```
)
```

```
#slide[ Hello World! ]
```