

The Miniframes Theme

Navigation bar with progress tracking

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What is this theme?

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

It is inspired by classic LaTeX Beamer themes (like **Frankfurt** or **Berlin**) where small dots represent the progress within each section.

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Key Features

- **Automatic Tracking:** Dots are generated and highlighted based on your headings.
- **Stable Layout:** The header and footer are fixed to prevent content from jumping.
- **Transition Slides:** Automated outlines appear between sections and subsections.
- **Highly Customizable:** Control colors, shapes, spacing, and positioning.

Layout & Zones

The 3-Zone System
Navigation Position

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The 3-Zone System
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The 3-Zone System

The theme splits every slide into three vertical zones:

- 1. Navigation Zone:** Contains the miniframes bar.
- 2. Content Zone:** Contains the slide title and body.
- 3. Metadata Zone:** Contains the footer (author, title, page numbering).

Layout & Zones

The 3-Zone System
Navigation Position

Navigation Position

By default, the bar is at the top. You can move it to the bottom:

```
navigation: (  
  position: "bottom"  
)
```

In this case, it will be placed just below the footer.

Navigation Options

Compact vs Grid

Marker Customization

Advanced Layout

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Compact vs Grid

There are two main styles for the navigation bar:

- **compact**: All dots of a section are aligned on a single line.
- **grid**: Each subsection gets its own line (current mode).

```
navigation: (  
    style: "grid",  
    show-subsection-titles: true  
)
```

Navigation Options

Compact vs Grid

Marker Customization

Advanced Layout

Marker Customization

You can change the shape and size of the progress dots:

- marker-shape: "circle" or "square".
- marker-size: The diameter/width of the marker.

The colors are derived from the theme's main color but can be overridden.

Navigation Options

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Advanced Layout

You can further customize the block containing the navigation bar:

- **Width:** Reduce the bar's width (e.g., `width: 80%`).
- **Radius:** Round the corners of the bar (e.g., `radius: 10pt`).
- **Alignment:** Align the entire block (left, center, right).

```
navigation: (  
    width: 80%,  
    radius: 10pt,  
    align-mode: "center"  
)
```

Animations

Dots & Pauses

Animations

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Even when using animations like pause, the navigation bar remains stable.

Note that a slide with pauses only counts as **one** dot in the navigation bar. This ensures that the bar reflects the **logical** progress of your talk, not the number of click-steps.

Conclusion

Getting Started

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Simply import the theme and start using standard headings:

- = for Sections (H1)
- == for Subsections (H2)
- #slide[...] for your content.