The Miniframes Theme

Navigation bar with progress tracking

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1 Introduction

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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.

1 Introduction

- **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.

2 Layout & Zones

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Slide Zones

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).

2 Layout & Zones

Optional Titles

Slide titles are now optional and strictly manual.

Unlike previous versions, the theme no longer automatically uses the subsection title as the slide title.

- `#slide[...]`: No title block shown.
- `#slide("My Title")[...]`: Displays "My Title" at the top.

2 Layout & Zones

The theme supports global font customization:

```
text-font: "Roboto",
text-size: 22pt
```

The navigation bar (dots), titles, and footer will scale proportionally to the chosen text size.

2 Layout & Zones

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.

3 Navigation Options

3.1 Compact vs Grid

3.2 Heading Numbering

3.3 Marker Customization

3.4 Advanced Layout

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3.4 Advanced Layout

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
)
```

3 Navigation Options

You can toggle section numbering:

```
show-heading-numbering: false
```

This affects the slide titles, the navigation outlines, and the transition slides.

3 Navigation Options

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.

3 Navigation Options

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"
)
```

4 Animations

4.1 Dots & Pauses

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Stable Navigation

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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.

5 Conclusion

5.1 Getting Started

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Summary

Simply import the theme and start using standard headings:

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