Guide: Miniframes Navigation

1 Function documentation

The `render-miniframes` function generates a navigation bar showing the progress through sections and subsections using "miniframes" (dots or squares).

1.1 Parameters Reference

Option	Type	Effect & Expected Values
`style`	string	Layout mode. `"compact"` (all dots on one line) or `"grid"` (one line per subsection).
`marker-shape`	string	`"circle"` (default) or `"square"`.
`marker-size`	length	Diameter/width of the markers. Default: `4pt`.
`active-color`	color	Color of the current slide's marker. Default: `white`.
`inactive-color`	color	Color of future slides' markers. Default: `gray`.
`fill`	color	Background color of the navigation bar block.
`text-color`	color	Color of the section/subsection titles.
`text-size`	length	Size of the titles. Default: `10pt`.
`font`	string | none	Font family for titles. Uses document default if `none`.
`align-mode`	string	Global horizontal alignment of the block: `"left"`, `"center"`, `"right"`.
`dots-align`	string	Alignment of the dots **within** their section column.
`show-section-titles`	bool	Whether to display the names of sections.
`show-subsection-titles`	bool	In grid mode, whether to display subsection names.
`gap`	length	Horizontal space between sections. Default: `1.5em`.
`line-spacing`	length	Vertical space between titles and dots. Default: `4pt`.
`inset`	dict | length	Internal padding of the bar block. Default: `(x: 1em, y: 0.5em)`.
`radius`	length | dict	Corner rounding of the background block. Can be a single length for all corners, or a dictionary (e.g., `(top: 5pt)`) for specific corners. Default: `0pt`.
`width`	length	Total width of the block. Default: `100%`.
`outset-x`	length	Horizontal bleed. Useful to make the bar touch page edges.

1.2 Function Signature

In the examples below, you will see two positional arguments:

- **`structure`**: A dictionary describing the presentation plan (sections, subsections, and slides). In a real document, this is obtained via `get-structure()`.
- **`current-slide-num`**: An integer (e.g., `4`) representing the current slide. It allows the function to determine which markers are **completed**, **active**, or **inactive**.

2 Basic usage

By default, the navigation bar is compact and shows section titles.
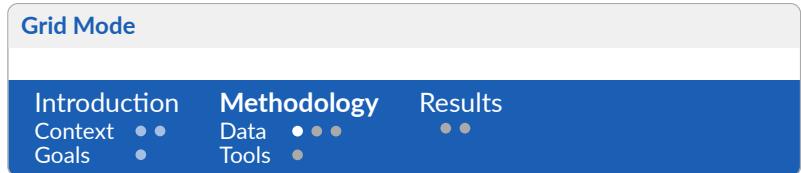
```
render-miniframes(structure, 4)
```


3 Layout Styles

3.1 Grid Mode

The `"grid"` style is ideal for presentations with many subsections, as it aligns them vertically.
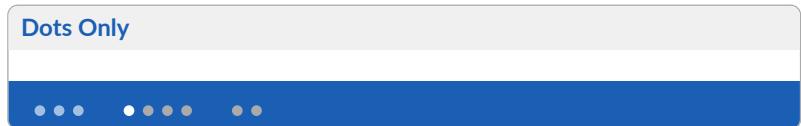
```
render-miniframes(
    structure, 4,
    style: 'grid',
    show-subsection-titles: true
)
```


3.2 Hiding Titles

You can hide titles to obtain a minimalist bar consisting only of dots.

```
render-miniframes(
    structure, 4,
    show-section-titles: false
)
```
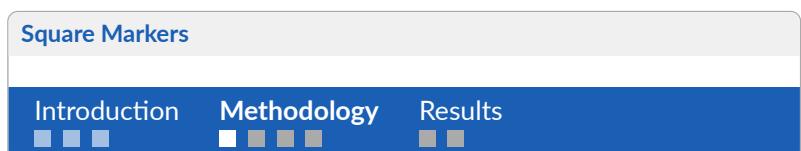

4 Customization

4.1 Markers

Change the shape and size of the progress indicators.
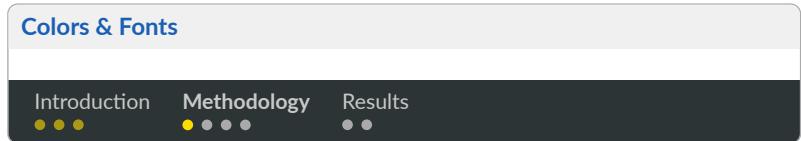
```
render-miniframes(
    structure, 4,
    marker-shape: 'square',
    marker-size: 6pt
)
```


4.2 Colors & Typography

Fine-tune the appearance of markers and labels.

```
render-miniframes(
    structure, 4,
    active-color: yellow,
    inactive-color: gray,
    text-color: luma(200),
    text-size: 8pt,
    fill: rgb('#2d3436')
)
```


4.3 Alignment & Spacing

Control the rhythm and positioning of the navigation elements.

```
render-miniframes(
  structure, 4,
  align-mode: 'center',
  dots-align: 'center',
  gap: 3em,
  line-spacing: 8pt
)
```

Centered & Airy

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4.4 Advanced Layout

Use `inset` and `width` to integrate the bar into specific layout zones.

```
render-miniframes(
  structure, 4,
  width: 60%,
  align-mode: 'center',
  inset: 15pt,
  show-section-titles: false
)
```

Compact Centered Bar

```
render-miniframes(
  structure, 4,
  radius: 10pt,
  fill: rgb('#34495e'),
  inset: (x: 2em, y: 1em)
)
```

Rounded Corners

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