margin-note-defaults `dictionary`

Default properties for margin notes. These can be overridden per function call, or globally by calling `set-margin-note-defaults`. Available options are:

- `margin-right` (length): Size of the right margin
- `margin-left` (length): Size of the left margin
- `margin-inside` (length): Size of the inside margin
- `margin-outside` (length): Size of the outside margin
- `page-binding` (auto | alignment): Where the page is bound
- `page-width` (length): Width of the page/container. This is automatically inferrable when using `set-page-properties`
- `page-offset-x` (length): Horizontal offset of the page/container. This is generally only useful if margin notes are applied inside a box/rect; at the page level this can remain unspecified
- `stroke` (paint): Stroke to use for the margin note's border and connecting line
- `fill` (paint): Background to use for the note
- `rect` (function): Function to use for drawing the margin note's border. This function must accept positional `content` and keyword `width` arguments.
- `side` (side): Which side of the page to place the margin note on. Must be `left` or `right`
- `hidden` (bool): Whether to hide the margin note. This is useful for temporarily disabling margin notes without removing them from the code
- `caret-height` (length): Size of the caret from the text baseline

margin-note

Places a boxed note in the left or right page margin.

Parameters

```
margin-note(
  body: content ,
  dy: length ,
  ..kwargs: any
) -> content
```

body `content`

Margin note contents, usually text

dy `length`

Vertical offset from the note's location – negative values move the note up, positive values move the note down

Default: `auto`

..kwargs `any`

Additional properties to apply to the note. Accepted values are keys from `margin-note-defaults`.

```
= Document Title
#lorem(3)
#margin-note(side: left)[Left note]
#margin-note[right note]
#margin-note(stroke: green)[Green stroke, auto-
offset]
#lorem(10)
#margin-note(side: left, dy: 10pt)[Manual offset]
#lorem(10)
```

Document Title

Lorem ipsum dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Left note

right note

Green stroke, auto-offset

Manual offset

inline-note

Place a note inline with the text body.

Parameters

```
inline-note(
    body: content ,
    par-break: bool ,
    ..kwargs: any
) -> content
```

body `content`

Margin note contents, usually text

par-break `bool`

Whether to break the paragraph after the note, which places the note on its own line.

Default: `true`

..kwargs `any`

Additional properties to apply to the note. Accepted values are keys from `margin-note-defaults`.

```
= Document Title
#lorem(7)
#inline-note[An inline note that breaks the
paragraph]
#lorem(6)
#inline-note(par-break: false)[A note with no
paragraph break]
#lorem(6)
```

Document Title

Lorem ipsum dolor sit amet, consectetur adipiscing.

An inline note that breaks the paragraph

Lorem ipsum dolor sit amet, consectetur. A note with no paragraph break Lorem ipsum dolor sit amet, consectetur.

note-outline

Show an outline of all notes

Parameters

```
note-outline(
    title: string ,
    level: number ,
    row-gutter: relative
) -> content
```

title `string`

Title of the outline

Default: `"List of Notes"`

level `number`

Level of the heading

Default: `1`

row-gutter `relative`

Spacing between outline elements

Default: `10pt`

```
// Will show all (unhidden) notes in this manual
#note-outline()
```

List of Notes

rule-grid

Add a series of evenly spaced x- any y-axis lines to the page.

Parameters

```
rule-grid(
    dx: length ,
    dy: length ,
    stroke: paint ,
    width: length ,
    height: length ,
    spacing: length, array ,
    divisions: int, array ,
    square: bool ,
    relative: bool
) -> content
```

dx `length`

Horizontal offset from the top left corner of the page

Default: `0pt`

dy `length`

Vertical offset from the top left corner of the page

Default: `0pt`

stroke `paint`

Stroke to use for the grid lines. The `paint` of this stroke will determine the text color.

Default: `black`

width `length`

Total width of the grid

Default: `100cm`

height `length`

Total height of the grid

Default: `100cm`

spacing `length, array`

Spacing between grid lines. If an array is provided, the values are taken in (x, y) order. Cannot be provided alongside `divisions`.

Default: `none`

divisions `int, array`

Number of divisions along each axis. If an array is provided, the values are taken in (x, y) order. Cannot be provided alongside `spacing`.

Default: `none`

square `bool`

Whether to make the grid square. If `true`, and either `divisions` or `spacing` is provided, the smaller of the two values will be used for both axes to ensure each grid cell is square.

Default: `false`

relative `bool`

If `true` (default), the grid will be placed relative to the current container. If `false`, the grid will be placed relative to the top left corner of the page.

Default: `true`