

Typst SSG Util Package

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↳ `c`

Renders inline code with syntax highlighting options.

Example:

Inline `#c("code")` example

With syntax highlighting:

```
#c("console.log(\"Hello\");", lang: "js")
```

Inline `code` example

With syntax highlighting: `console.log("Hello");`

Parameters

```
c(  
  code: str content,  
  lang: str = "text",  
  styles: dictionary  
)
```

code `str` `content`

The code content to display.

lang `str`

The language for syntax highlighting.

Default: "text"

styles `dictionary`

Custom styles for the inline code.

fill: `color` `gradient`

Background fill color.

inset: `dictionary`

Inner padding with x (length) and y (length).

outset: `dictionary`

Outer spacing with x (length) and y (length).

radius: `length`

Corner radius.

text-color: `color`

Text color for the code.

↳ `code-block`

Renders a styled code block with a copy button. Generates a custom link that is processed by the Typst SSG package that copies the code content to the clipboard.

Example:

```
#code-block(  
  ``js  
  function greet(name) {  
    console.log(`Hello, ${name}!`);  
  }  
  
  greet("World");  
  ``  
)
```

```
function greet(name) {  
  console.log(`Hello, ${name}!`);  
}  
  
greet("World");
```



Parameters

```
code-block(  
  code: str content,  
  styles: dictionary  
)
```

code `str` `content`

The code content to display.

styles `dictionary`

Custom styles for the inline code.

`fill:` `color` `gradient`
Background fill color.

`stroke:` `auto` `color` `gradient`
Border stroke color and width.

`inset:` `dictionary`
Inner padding with x (length) and y (length)

`radius:` `length`
Corner radius.

`text-color:` `color` `gradient`
Text color for the code.

`icon-color:` `color` `gradient`
Color for the copy icon.

↳ `divider`

Renders a horizontal divider with spacing.

Example:

```
Hello
#divider(space-before: 0.1em, space-after:
0.1em)
World
```

Hello

World

Parameters

```
divider(
  space-before: length = 0.5em,
  space-after: length = 0.5em,
  stroke: auto color gradient = 0.5pt + rgb("#ddddd")
)
```

`space-before` `length`

Space before the divider.

Default: 0.5em

`space-after` `length`

Space after the divider.

Default: 0.5em

stroke `auto` `color` `gradient`

Divider stroke color and width.

Default: 0.5pt + `rgb("#dddddd")`

↳ **format-date**

Formats a date given day, month, and year.

Example:

```
#let date-str = format-date(5, 3, 2024)
#date-str
```

March 5, 2024

Parameters

```
format-date(  
  day: int,  
  month: int,  
  year: int  
)
```

day `int`

The day of the month.

month `int`

The month of the year.

year `int`

The year.

↳ **page-config**

Configures page settings (e.g., sidebar, table of contents) using metadata.

Parameters

```

page-config(
  sidebar: bool = true,
  toc: bool = true,
  toc-min-level: int = 1,
  toc-max-level: int = 4,
  sidebar-bg: color none,
  sidebar-text-color: color none,
  sidebar-active-color: color none,
  sidebar-font: str none,
  sidebar-font-size: length none,
  sidebar-font-weight: str none,
  sidebar-margin-x: length none,
  sidebar-margin-y: length none,
  toc-bg: color none,
  toc-text-color: color none,
  toc-font: str none,
  toc-font-size: length none,
  toc-font-weight: str none,
  toc-margin-x: length none,
  toc-margin-y: length none
)

```

sidebar bool

Whether to enable the sidebar.

Default: true

toc bool

Whether to enable the table of contents.

Default: true

toc-min-level int

Minimum heading level to include in the table of contents.

Default: 1

toc-max-level int

Maximum heading level to include in the table of contents.

Default: 4

sidebar-bg color none

Background color for the sidebar.

sidebar-text-color color none

Text color for the sidebar.

sidebar-active-color color none

Active link color for the sidebar.

sidebar-font str none

Font for the sidebar.

sidebar-font-size length none

Font size for the sidebar.

sidebar-font-weight str none

Font weight for the sidebar.

sidebar-margin-x length none

Horizontal margin for the sidebar.

sidebar-margin-y length none

Vertical margin for the sidebar.

toc-bg color none

Background color for the table of contents.

toc-text-color color none

Text color for the table of contents.

toc-font `str` `none`

Font for the table of contents.

toc-font-size `length` `none`

Font size for the table of contents.

toc-font-weight `str` `none`

Font weight for the table of contents.

toc-margin-x `length` `none`

Horizontal margin for the table of contents.

toc-margin-y `length` `none`

Vertical margin for the table of contents.

↳ **page-title**

Sets the title of the current page using metadata.

Parameters

```
page-title(  
  title: str  
)
```

title `str`

The title to set for the page.

↳ **reading-time**

Estimates the reading time for the given content. Shows minutes for 60 minutes or less. Converts to hours and rounds to the nearest hour for over 60 minutes.

Example:

```
#let time = (lorem(500))
Reading time: #time

#let long-time = (lorem(50000))
Reading time: #long-time
```

Reading time: 3 min read
Reading time: 4 hour read

Parameters

```
reading-time(  
  content: str content,  
  words-per-minute: int = 200  
)
```

content str content

The content to estimate reading time for.

words-per-minute int

The average words per minute reading speed.

Default: 200

↳ site-link

Creates a link with optional same-tab behavior. Generates a custom link the is processed by the Typst SSG package that opens a link in the same tab (if specified).

Example:

```
#site-link("/about", "About Page", same-tab:  
true)
```

[About Page](#)

Parameters

```
site-link(  
  dest: str,  
  ..body-args: str content,  
  same-tab: bool = false  
)
```

dest str

The destination URL or path relative to the base URL (if set).

`..body-args` `str` `content`

The body content for the link.

`same-tab` `bool`

Whether to open the link in the same tab.

Default: `false`

Note: this function will create an invalid link in normal PDFs using this function. Typst SSG must be used to process the link correctly.

↳ `set-base`

Sets the base URL for site links.

Example:

```
#set-base("http://localhost:3000")
```

Parameters

```
set-base(  
  url: str  
)
```

`url` `str`

The base URL to set.

More Documentation

- [Main Typst SSG Repository](#)
- [Typst SSG npm Package Repository](#)
- [Typst SSG Package Repository](#)