

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("#dddddd")
)
```

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 that 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](#)