

Package: snippet (via r-universe)

May 9, 2026

Title Create Nice Code Images

Version 0.0.1

Description Render typeset code snippets using 'Typst'. Supports syntax highlighting for many languages, multiple output formats, and theming via 'tmTheme' files. Designed for documentation, teaching materials, and reproducible code presentation.

URL <https://christopherkenny.com/snippet/>,
<https://github.com/christopherkenny/snippet>

BugReports <https://github.com/christopherkenny/snippet/issues>

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Encoding UTF-8

Depends R (>= 4.1.0)

Roxygen list(markdown = TRUE)

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Suggests rstudioapi, testthat (>= 3.0.0)

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Repository <https://christopherkenny.r-universe.dev>

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snippet	<i>Render a code snippet using Typst</i>
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Description

This function renders a static code snippet using a Typst template and the `typr` package. It is purely visual and does not evaluate code. Styling, syntax highlighting, and window style are all configurable.

Usage

```
snippet(
  code,
  lang = NULL,
  title = "",
  style = c("windows", "mac", "none"),
  background,
  theme = "auto",
  width = 5,
  line_numbers = FALSE,
  format = c("png", "pdf", "svg"),
  output_file = NULL
)
```

Arguments

<code>code</code>	Character vector, string, or file path. Code to render. If nothing is supplied, it defaults to reading your current clipboard contents.
<code>lang</code>	Language name for syntax highlighting. Inferred from file extension if code is a path, otherwise defaults to <code>'r'</code> .
<code>title</code>	Optional title for the code snippet.
<code>style</code>	Window style: one of <code>'mac'</code> , <code>'windows'</code> , or <code>'none'</code> .
<code>background</code>	Background color as a hex string. If not provided, defaults to the background color of the selected theme, or <code>'#CCCCCC'</code> .
<code>theme</code>	Theme name from <code>snippet_themes()</code> or path to a <code>.tmTheme</code> file. Use <code>'auto'</code> or <code>'none'</code> for Typst's built-in options.
<code>width</code>	Width of the rendered output in inches. Defaults to 5.

line_numbers Whether to show line numbers. Defaults to FALSE.
 format Output format, one of 'pdf', 'png', or 'svg'.
 output_file File path to write the rendered result. If NULL, a temporary file is used.

Value

Invisibly, the path to the rendered file.

Examples

```
## Not run:
snippet('x <- 1:10\nmean(x)')

## End(Not run)
```

snippet_install_theme *Install a theme for use with snippet*

Description

Downloads or copies a .tmTheme file to the user's snippet cache directory, making it available to [snippet\(\)](#) and [snippet_themes\(\)](#).

Usage

```
snippet_install_theme(theme, overwrite = FALSE)
```

Arguments

theme One of:

- A theme name from [snippet_known_themes\(\)](#) to download a curated theme
- A URL pointing to a .tmTheme file to download
- A file path to a local .tmTheme file to copy

overwrite Whether to overwrite an existing installed theme. Defaults to FALSE.

Value

Invisibly, the path to the installed theme file.

Examples

```
## Not run:
snippet_install_theme('Dracula')
snippet_install_theme('https://example.com/my-theme.tmTheme')
snippet_install_theme('/path/to/my-theme.tmTheme')

## End(Not run)
```

snippet_known_themes *List curated themes available to install by name*

Description

Returns a named character vector of URLs for themes that can be installed by name via [snippet_install_theme\(\)](#).

Usage

```
snippet_known_themes()
```

Value

A named character vector where names are theme names and values are download URLs.

Examples

```
snippet_known_themes()
```

snippet_themes *Return paths to themes available in snippet*

Description

Returns paths to both bundled themes and any themes previously installed with [snippet_install_theme\(\)](#).

Usage

```
snippet_themes()
```

Value

A named character vector of file paths to available themes. Names are human-readable theme names derived from file names.

Examples

```
snippet_themes()
```

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