

Package ‘prettycode’

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Title Pretty Print R Code in the Terminal

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Description Replace the standard print method for functions with one that performs syntax highlighting, using ANSI colors, if the terminal supports them.

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LazyData true

URL <https://github.com/r-lib/prettycode#readme>

BugReports <https://github.com/r-lib/prettycode/issues>

RoxygenNote 6.1.0

Imports crayon, utils

Suggests covr, mockery, rstudioapi, testthat, withr

Encoding UTF-8

NeedsCompilation no

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default_style	<i>Default prettycode syntax highlighting style</i>
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Description

A style function must return a named list of functions. Possible entries:

- reserved: reserved words
- number: numeric literals
- null: the NULL constant
- operator: operators, including assignment
- call: function calls
- string: character literals
- comment: comments
- bracket: brackets: (){}[]

Usage

```
default_style()
```

Details

Each entry in a list must be a function that takes a character scalar, and returns a character scalar with the exception of bracket which should be a list of functions defining a color sequence. The default style adds ANSI formatting to the code.

Note that you can also change the code if you like, e.g. to include a unicode arrow character instead of the two-character assignment operator.

Examples

```
highlight(deparse(get), style = default_style())
```

highlight	<i>Syntax highlight R code</i>
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Description

Syntax highlight R code

Usage

```
highlight(code, style = default_style())
```

Arguments

`code` Character vector, each element is one line of code.
`style` Style functions, see [default_style\(\)](#).

Value

Character vector, the highlighted code.

Examples

```
highlight(deparse(ls))
cat(highlight(deparse(ls)), sep = "\n")
```

prettycode

Pretty Print R Code in the Terminal

Description

Replace the standard print method for functions with one that performs syntax highlighting, using ANSI colors, if the terminal supports them.

Usage

```
prettycode()
```

print.function

Print a function with syntax highlighting

Description

To turn on pretty printing of functions, you need to call `prettycode::prettycode()`. It might be a good idea to call it from your `.Rprofile`.

Usage

```
## S3 method for class 'function'
print(x, useSource = TRUE, style = default_style(),
      ...)
```

Arguments

`x` Function to print.
`useSource` Whether to use the stored source code, if available.
`style` The highlight style to use, see [default_style\(\)](#).
`...` Not used currently, for compatibility with the `print` generic.

Value

The function, invisibly.

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