

# Package ‘prettycode’

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**Title** Pretty Print R Code in the Terminal

**Version** 1.1.0

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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

**Repository** CRAN

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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())
```

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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(1s))
cat(highlight(deparse(1s)), 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.

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*print.function*

**Value**

The function, invisibly.

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