

Package ‘icecream’

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Type Package

Title Print Debugging Made Sweeter

Version 0.2.1

Description Provides user-friendly and configurable print debugging via a single function, `ic()`. Wrap an expression in `ic()` to print the expression, its value and (where available) its source location. Debugging output can be toggled globally without modifying code.

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URL <https://www.lewinfox.com/icecream/>,
<https://github.com/lewinfox/icecream>,
<http://www.lewinfox.com/icecream/>

BugReports <https://github.com/lewinfox/icecream/issues>

Imports cli, glue, pillar (>= 1.6.1), purrr (>= 0.3.4), rlang

Suggests checkmate (>= 2.0.0), testthat (>= 3.0.0), withr

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NeedsCompilation no

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enable-disable	<i>Enable or disable ic()</i>
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Description

These functions enable or disable the `ic()` function. While disabled `ic()` will do nothing except evaluate and return its input.

Usage

```
ic_enable()
```

```
ic_disable()
```

Details

These are just convenience wrappers for `options(icecream.enabled = TRUE/FALSE)` used to align the API with the [Python version](#).

Value

Returns the old value of the option, invisibly.

Functions

- `ic_enable()`: Enable `ic()`.
- `ic_disable()`: Disable `ic()`.

ic	<i>User-friendly debug statements</i>
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Description

User-friendly debug statements

Usage

```
ic(x)
```

Arguments

x	An expression, or nothing
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Value

If `x` is an expression, returns the result of evaluating `x`. If `x` is missing nothing is returned.

Examples

```
f <- function(x) x < 0  
  
ic(f(1))  
  
ic(f(-1))
```

ic-single-use

Temporarily enable or disable ic()

Description

These functions let you evaluate an expression with either `ic()` enabled or disabled without affecting if `ic()` is enabled globally.

Usage

```
with_ic_enable(expr)  
  
with_ic_disable(expr)
```

Arguments

`expr` An expression containing the `ic()` function.

Value

Returns the result of evaluating the expression.

Functions

- `with_ic_enable()`: evaluates the expression with `ic()` enabled.
- `with_ic_disable()`: evaluates the expression with `ic()` disabled.

Examples

```
ic_enable()  
  
fun <- function(x) {  
  ic(x * 100)  
}  
  
fun(2)  
  
with_ic_disable(fun(2))  
  
fun(4)
```

```
ic_disable()
```

```
fun(1)
```

```
with_ic_enable(fun(1))
```

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