Package 'icecream'

Type Package

Title Print Debugging Made Sweeter

Version 0.2.2

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

Author Lewin Appleton-Fox [aut, cre],
Dominik Rafacz [aut] (<https://orcid.org/0000-0003-0925-1909>),
Ben Stiles [ctb]

Maintainer Lewin Appleton-Fox <lewin.a.f@gmail.com>

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R topics documented:

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enable-disable	*Enable or disable* ic()

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().

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ic	*User-friendly debug statements*

Description

User-friendly debug statements

Usage

```
ic(x)
```

Arguments

x   An expression, or nothing

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))
```

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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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