

Package: messages (via r-universe)

August 22, 2024

Type Package

Title Print Messages in the Console

Version 1.0

Description A collection of functions to print messages in the R console using the packages 'cli' and 'crayon'. This package is strongly inspired from the functions `ui_*`() of the package 'usethis'.

URL <https://github.com/FRBCesab/messages>

BugReports <https://github.com/FRBCesab/messages/issues>

License GPL (>= 2)

Encoding UTF-8

LazyData true

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Imports cli, crayon

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

RemoteUrl <https://github.com/FRBCesab/messages>

RemoteRef HEAD

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`msg_done`*Pre-formatted messages for a custom user interface*

Description

These functions are used to construct an user interface *a la* `usethis`.

These `msg_*` functions can be broken down into two main categories:

- **block styles:** `msg_line()`, `msg_rule()`, `msg_done()`, `msg_todo()`, `msg_info()`, `msg_warn()`, `msg_oops()`.
- **inline styles:** `msg_field()`, `msg_value()`, `msg_code()`.

Usage

`msg_done(...)``msg_todo(...)``msg_info(...)``msg_warn(...)``msg_oops(...)``msg_line(...)``msg_rule(...)``msg_field(...)``msg_value(...)``msg_code(...)`

Arguments

... One or several expression (character or vector object).

Value

Print a success message.

Functions

- `msg_todo`: Print a to do message.
- `msg_info`: Print an informational message.
- `msg_warn`: Print a warning message.

- msg_oops: Print an error message.
- msg_line: Print an (non-)empty message.
- msg_rule: Print a rule message.
- msg_field: Returns a customized code expression.
- msg_value: Returns a customized variable value.
- msg_code: Returns a customized code expression.

Note

Messages can be suppressed by using `options(messages = FALSE)`. Messages can be reactivated by using: `options(messages = TRUE)`.

Examples

```
## Block messages ----

msg_done("A success message")
msg_todo("A to do message")
msg_info("An informational message")
msg_warn("A warning message")
msg_oops("An error message")

msg_line()
msg_line("A message")

msg_rule("Left message")
msg_rule("Left message", , "Right message")
msg_rule("Left message", right = "Right message")
msg_rule(, "Center message")
msg_rule(center = "Center message")

## Inline messages ----

msg_done("The variable", msg_field("x"), "has been set to", msg_value(1))
msg_todo("Please use the function:", msg_code("msg_rule()"))
msg_line("Thanks for using", msg_code("messages"))
msg_line(msg_code("msg_rule()"))
```

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