

Package: tracer (via r-universe)

June 27, 2024

Title Slick Call Stacks

Version 1.0.0.9000

Description Better looking call stacks after an error.

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LazyData true

URL <https://github.com/mangothecat/tracer#readme>

BugReports <https://github.com/mangothecat/tracer/issues>

Imports clisymbols, crayon, prettycode, utils

Suggests covr, mockery, testthat

RoxygenNote 5.0.1.9000

Roxygen list(markdown = TRUE)

Encoding UTF-8

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

RemoteUrl <https://github.com/mangothecat/tracer>

RemoteRef HEAD

RemoteSha 4530b9c3fcd39140519e387b3e5b53ec7afc7a63

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tb *A better* base::traceback()

Description

Compared to `base::traceback()`, `tb`

- shows the stack from top to bottom, the same way as `utils::recover()`,
- shows references to source files in a clickable form (in terminals that support this),
- cuts long lines of code,
- colors the output nicely (although this is a matter of taste),
- can show the source code where the error happened, with syntax highlighting, if the source code is available.

Usage

```
tb(frame = NULL, context = 5)
```

```
bt(frame = NULL, context = 5)
```

Arguments

frame	If NULL, the stack trace is shown. If it is an integer referring to a frame in the stack, the source code of the corresponding call is shown.
context	Number of source code lines to show before and after the current line.

Details

`bt` is an alias to `tb`.

The custom error handler

`tracer` defines an error handler when loaded, via a call to `options(error = tracer:::dumper)`. If you overwrite the error handler, then `tb` does not work properly. You can reinstate the `tracer:::dumper` error handler via an explicit call to `options()`.

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