

Package ‘bisectr’

October 12, 2022

Title Tools to find bad commits with git bisect

Version 0.1.0

Author Winston Chang <winston@stdout.org>

Maintainer Winston Chang <winston@stdout.org>

Description Tools to find bad commits with git bisect. See
<https://github.com/wch/bisectr> for examples and test script
templates.

URL <https://github.com/wch/bisectr>

Depends R (>= 2.14)

Imports devtools

License GPL-2

Collate 'bisect.r'

Repository CRAN

Date/Publication 2012-06-15 03:45:00

NeedsCompilation no

R topics documented:

bisectr	2
bisect_install	2
bisect_load_all	3
bisect_require	3
bisect_return_interactive	4
bisect_runttest	4
bisect_source	5
Index	6

bisectr	<i>bisectr package</i>
---------	------------------------

Description

This package is used for creating test scripts to find bad commits with git bisect. For example test scripts, see <https://github.com/wch/bisectr>.

bisect_install	<i>Install a package from source, for bisect tests.</i>
----------------	---

Description

If the installation fails, the default behavior is to mark this commit as skip.

Usage

```
bisect_install(pkgdir = ".", on_fail = "skip")
```

Arguments

pkgdir	The directory to load from
on_fail	What to do if installation fails (default is to mark this commit as "skip")

Details

This function is usually used together with `bisect_require`.

See Also

- [bisect_require](#)
- [bisect_load_all](#)
- [bisect_source](#)
- [bisect_runttest](#)
- [bisect_return_interactive](#)

bisect_load_all	<i>Like load_all, but for bisect tests.</i>
-----------------	---

Description

If the package fails to load, the default is to mark this commit as skip.

Usage

```
bisect_load_all(pkgdir = ".", on_error = "skip")
```

Arguments

pkgdir	The directory to load from
on_error	What to do if loading throws an error (default is to mark this commit as "skip")

See Also

[bisect_source](#)
[bisect_install](#)
[bisect_runttest](#)
[bisect_return_interactive](#)

bisect_require	<i>Load a package like require(), for bisect tests.</i>
----------------	---

Description

If the package fails to load, the default behavior is to mark this commit as skip.

Usage

```
bisect_require(package, on_fail = "skip")
```

Arguments

package	Name of package
on_fail	What to do if loading fails (default "skip")

Details

This function is usually used together with `bisect_install`.

See Also

[bisect_install](#)
[bisect_load_all](#)
[bisect_source](#)
[bisect_runtest](#)
[bisect_return_interactive](#)

bisect_return_interactive

Prompt the user for an interactive good/bad/skip response and return the appropriate value (to be passed to bisect_runtest).

Description

Prompt the user for an interactive good/bad/skip response and return the appropriate value (to be passed to bisect_runtest).

Usage

```
bisect_return_interactive()
```

See Also

[bisect_runtest](#)
[bisect_load_all](#)
[bisect_install](#)
[bisect_source](#)

bisect_runtest

Run a test function for git bisect testing.

Description

If the function fun returns "good" or TRUE, quit and return a code to mark this commit as good. If the function returns "bad" or FALSE, quit and return a code to mark this commit as bad. If the function returns "skip" or NA, quit and return a code to mark this commit as skip. If the function returns "ignore" or NULL, do nothing.

Usage

```
bisect_runtest(fun, on_error = "skip",
  msg = "Running test...")
```

Arguments

fun	The test function
on_error	What to do if running fun throws an error (default is to mark this commit as skip)
msg	A message to print to the console when running the test

Details

It is also important to set `on_error`. This tells it what to do when the test function throws an error. The default behavior is to mark this commit as skip. However, in some cases, it makes sense to mark this commit as bad if an error is thrown.

See Also

[bisect_load_all](#)
[bisect_install](#)
[bisect_source](#)
[bisect_return_interactive](#)

bisect_source	<i>Like source, but for bisect tests.</i>
---------------	---

Description

If the file fails to load, the default is mark this commit as skip.

Usage

```
bisect_source(file, ..., on_error = "skip")
```

Arguments

file	The file to load
...	Other arguments to pass to source
on_error	What to do if loading throws an error (default is to mark this commit as "skip")

See Also

[source](#)
[bisect_load_all](#)
[bisect_install](#)
[bisect_runtest](#)
[bisect_return_interactive](#)

Index

bisect_install, [2](#), [3–5](#)
bisect_load_all, [2](#), [3](#), [4](#), [5](#)
bisect_require, [2](#), [3](#)
bisect_return_interactive, [2–4](#), [4](#), [5](#)
bisect_runtest, [2–4](#), [4](#), [5](#)
bisect_source, [2–5](#), [5](#)
bisectr, [2](#)
bisectr-package (bisectr), [2](#)

package-bisectr (bisectr), [2](#)

source, [5](#)