

# Package ‘bisectr’

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**Title** Tools to find bad commits with git bisect

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**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

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**NeedsCompilation** no

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bisectr	<i>bisectr package</i>
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**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>.

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bisect_install	<i>Install a package from source, for bisect tests.</i>
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**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](#)

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bisect_load_all	<i>Like load_all, but for bisect tests.</i>
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### 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\\_runtest](#)

[bisect\\_return\\_interactive](#)

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

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`bisect_return_interactive`

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

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**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](#)

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`bisect_runtest`

*Run a test function for git bisect testing.*

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**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](#)

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bisect_source	<i>Like source, but for bisect tests.</i>
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**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 <a href="#">source</a>
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](#)

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