

Package ‘procmaps’

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Title Portable Address Space Mapping

Version 0.0.4

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Description Portable '/proc/self/maps' as a data frame.

Determine which library or other region is mapped to a specific address of a process. --

R packages can contain native code, compiled to shared libraries at build or installation time.

When loaded, each shared library occupies a portion of the address space of the main process.

When only a machine instruction pointer is available (e.g. from a backtrace during error inspection or profiling), the address space map determines which library this instruction pointer corresponds to.

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URL <https://r-prof.github.io/procmaps/>,
<https://github.com/r-prof/procmaps>

BugReports <https://github.com/r-prof/procmaps/issues>

Suggests covr, testthat, tibble

Encoding UTF-8

RoxygenNote 7.1.1.9000

NeedsCompilation yes

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R topics documented:

path_is_libr	2
procmap_get	2

Index	4
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path_is_libr	<i>Does a path represent R's main library?</i>
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Description

For a vector of paths, checks if the [basename](#) matches libR or R. This is useful to detect the addresses occupied by R itself.

Usage

```
path_is_libr(path)
```

Arguments

path	A character vector of paths
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Value

A logical vector of the same length as path.

Examples

```
map <- procmap_get()
path_is_libr(map$pathname)
```

procmap_get	<i>Get the address space map of a process</i>
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Description

Returns the address space map of a process as a data frame.

Usage

```
procmap_get(..., as_tibble = NULL)
```

Arguments

...	Reserved for future extensions, must be empty.
as_tibble	When using in a package, set to TRUE to return a tibble::tibble . This requires the tibble package to be installed. The default returns a tibble if the package is installed, otherwise a data frame.

Value

A data frame or tibble, depending on the `as_tibble` argument.

Examples

```
procmmap_get()
```

Index

`basename`, [2](#)

`path_is_libr`, [2](#)

`procmmap_get`, [2](#)

`tibble::tibble`, [2](#)