Package 'procmaps'

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Title Portable Address Space Mapping

Version 0.0.5

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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 7.2.3

NeedsCompilation yes

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R topics documented:

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path_is_libr   *Does a path represent R's main library?*

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

Value

A logical vector of the same length as `path`.

Examples

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

---

procmap_get   *Get the address space map of a process*

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

```
procmap_get()
```

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