Package 'procmaps'

October 14, 2022

Title Portable Address Space Mapping

Version 0.0.4

Date 2021-10-01

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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Repository CRAN

Date/Publication 2021-10-02 13:40:02 UTC

R topics documented:

`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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