

Package: sovatoools (via r-universe)

October 9, 2024

Title Sovacool's Tools

Version 0.0.0.9000

Date 2022-07-07

Description A collection of useful functions and examples that don't have an obvious home anywhere else. See the website [<https://sovacool.dev/sovatoools/>](https://sovacool.dev/sovatoools/) for more information, documentation, and examples.

URL <https://github.com/kelly-sovacool/sovatoools/>,
<https://sovacool.dev/sovatoools/>

BugReports <https://github.com/kelly-sovacool/sovatoools/issues>

Imports dplyr, glue, here, magick, rlang, stringr, tools

Suggests covr, ggplot2, knitr, purrr, rmarkdown, testthat (>= 3.0.0),
tidyr, utils

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Config/testthat/edition 3

Repository <https://kelly-sovacool.r-universe.dev>

RemoteUrl <https://github.com/kelly-sovacool/sovatoools>

RemoteRef HEAD

RemoteSha 9115e5289ae1dda0013f12ae7866576a7b82b42f

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abort_packages_not_installed

Throw an error if required packages are not installed.

Description

Reports which packages need to be installed. See <https://stackoverflow.com/questions/15595478/how-to-get-the-name-of-the-calling-function-inside-the-called-routine>

Usage

```
abort_packages_not_installed(...)
```

Arguments

... Package name(s) to check

Details

Adapted from [mikropml](#)

Author(s)

Kelly Sovacool <sovacool@umich.edu>

Examples

```
abort_packages_not_installed("base")
## Not run:
your_function <- function() {
  abort_packages_not_installed("not-a-package-name", "dplyr", "non_package")
}
your_function()

## End(Not run)
```

get_deps_tbl	<i>Get package dependencies as a tibble</i>
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Description

Get package dependencies as a tibble

Usage

```
get_deps_tbl(package)
```

Arguments

package name of an R package

Value

a tibble with the package's recursive dependencies

Examples

```
## Not run:  
get_deps_tbl("mikropml")  
  
## End(Not run)
```

get_height_inches	<i>Get image height in inches given dimensions in pixels and width in inches</i>
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Description

Get image height in inches given dimensions in pixels and width in inches

Usage

```
get_height_inches(width_pixels, height_pixels, width_inches = 6.5)
```

Author(s)

Kelly Sovacool <sovacool@umich.edu>

get_image_dims	<i>Get image dimensions in inches from a file path</i>
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Description

Get image dimensions in inches from a file path

Usage

```
get_image_dims(image_path, width_inches = 6.5)
```

Author(s)

Kelly Sovacool <sovacool@umich.edu>

insert_image_md	<i>Insert image in markdown</i>
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Description

Insert image in markdown

Usage

```
insert_image_md(image_path, width_inches = 6.5)
```

Author(s)

Kelly Sovacool <sovacool@umich.edu>

theme_sovacool	<i>Kelly's go-to theme for ggplot2</i>
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Description

Uses `ggplot2::theme_bw()` and removes margins.

Usage

```
theme_sovacool()
```

Value

list of ggproto objects

Examples

```
library(ggplot2)
ggplot(mtcars) +
  aes(x = mpg, y = wt, color = cyl) +
  geom_point() +
  theme_sovacool()
```

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