

Package: hexsession (via r-universe)

January 15, 2025

Title Create a tile of logos for loaded packages

Version 0.0.0.9000

Description Creates a responsive HTML file with tiled hex logos for all loaded packages in a session, which can be saved as a static screenshot in png format.

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Suggests rsvg, testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2.9000

URL <https://github.com/luisDVA/hexsession>,
<https://luisdva.github.io/hexsession/>

BugReports <https://github.com/luisDVA/hexsession/issues>

Imports base64enc, chromote, jsonlite, magick, purrr

Config/pak/sysreqs chromium make libmagick++-dev gsfonts libssl-dev

Repository <https://luisdva.r-universe.dev>

RemoteUrl <https://github.com/luisdva/hexsession>

RemoteRef HEAD

RemoteSha ee4a6066d4b12fa3ccda93eaa823878a6f787931

Contents

encode_image	2
find_imgpaths	2
find_logopath	3
generate_hexsession_js	3
getLoaded	4
get_pkg_data	4

make_missingLogos	5
make_tile	5
pkgurls	6
snap_tile	6

Index 7

encode_image *Encode image to Base64*

Description

Encode image to Base64

Usage

```
encode_image(file_path)
```

Arguments

file_path Path to an image file

Value

Base64 encoded string of the image

find_imgpaths *Find image paths*

Description

Find image paths

Usage

```
find_imgpaths(pkgnames)
```

Arguments

pkgnames Character vector of package names

Details

Images in svg format will be converted to png. When no image matches 'logo' in the file name the used is will be prompted to select likely logos.

Value

A list of image file paths for each package

find_logopaths	<i>Find logo paths</i>
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Description

Find logo paths

Usage

```
find_logopaths(imagepaths, pkgnames)
```

Arguments

imagepaths	List of image paths
pkgnames	Character vector of package names

Value

A vector of logo paths

generate_hexsession_js	<i>Generate JavaScript file for hexsession</i>
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Description

Generate JavaScript file for hexsession

Usage

```
generate_hexsession_js(logopaths, urls, dark_mode, output_js)
```

Arguments

logopaths	Vector of image paths
urls	Vector of URLs
dark_mode	Use dark mode, inherited from make_tile
output_js	Path to save the JavaScript file

getLoaded	<i>Get loaded packages</i>
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Description

Get loaded packages

Usage

```
getLoaded()
```

Value

A character vector of the attached packages (excludes base packages)

get_pkg_data	<i>Get package data</i>
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Description

Get package data

Usage

```
get_pkg_data(packages = NULL)
```

Arguments

packages Character vector of package names (default is NULL, uses loaded packages)

Value

A list containing logopaths and urls for the packages

make_missingLogos	<i>Create missing logos</i>
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Description

Create missing logos

Usage

```
make_missingLogos(attached_pkgs, logopath)
```

Arguments

attached_pkgs	Character vector of attached package names
logopath	Vector of existing logo paths

Value

Vector of paths to new logos

make_tile	<i>Generate tile of package logos</i>
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Description

Generate tile of package logos

Usage

```
make_tile(packages = NULL, local_images = NULL, dark_mode = FALSE)
```

Arguments

packages	Character vector of package names to include (default: NULL, which uses loaded packages)
local_images	Optional character vector of local image paths to add to the tile
dark_mode	Draw the tile on a dark background?
local_urls	Optional character vector of URLs for each of the local images passed

Value

Path to the output file

pkgurls	<i>Get package URLs</i>
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Description

Get package URLs

Usage

```
pkgurls(pkgnames)
```

Arguments

pkgnames	Character vector of package names
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Value

A vector of package URLs

snap_tile	<i>Take screenshot of html image tile</i>
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Description

Take screenshot of html image tile

Usage

```
snap_tile(  
  output_path,  
  screen_width = 800,  
  screen_height = 700,  
  dark_mode = FALSE  
)
```

Arguments

output_path	Path to image file
screen_width	Width of the browser window
screen_height	Height of the browser window
dark_mode	Is the tile being saved dark or light mode?

Value

Path to the saved image

Index

`encode_image`, [2](#)

`find_imgpaths`, [2](#)

`find_logopaths`, [3](#)

`generate_hexsession_js`, [3](#)

`get_pkg_data`, [4](#)

`getLoaded`, [4](#)

`make_missingLogos`, [5](#)

`make_tile`, [5](#)

`pkgurls`, [6](#)

`snap_tile`, [6](#)