

Package 'html2pdfR'

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Type Package

Title Convert Local 'HTML' and 'XHTML' Files to 'PDF'

Version 0.1.0

Description Provides functions for converting local 'HTML' and 'XHTML' files to 'PDF' using an external backend. The package includes helper functions for backend setup, file conversion, and an optional 'Tk' graphical interface.

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Encoding UTF-8

Imports utils, tools, tcltk

Suggests roxygen2, testthat

URL <https://github.com/Lijin-5673/html2pdfR>

BugReports <https://github.com/Lijin-5673/html2pdfR/issues>

NeedsCompilation no

Config/roxygen2/version 8.0.0

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backend_config_file *Get backend config file path*

Description

Get backend config file path

Usage

backend_config_file()

Value

Path to the config file storing backend executable location.

backend_default_dir *Get default backend directory*

Description

Get default backend directory

Usage

backend_default_dir()

Value

Path to the default backend installation directory.

backend_default_exe *Get default backend executable path*

Description

Get default backend executable path

Usage

backend_default_exe()

Value

Path to the default converter executable.

backend_release_url *Backend release URL*

Description

Backend release URL

Usage

backend_release_url()

Value

URL to the backend zip file hosted on GitHub Releases.

backend_root *Get backend root directory*

Description

Get backend root directory

Usage

backend_root()

Value

Path to the package user data directory.

convert_html_to_pdf *Convert local 'HTML' or 'XHTML' file to 'PDF'*

Description

Convert local 'HTML' or 'XHTML' file to 'PDF'

Usage

convert_html_to_pdf(input, verbose = FALSE)

Arguments

input Path to a local HTML, HTM, or XHTML file.
verbose Logical; show progress messages.

Value

Invisibly returns the expected output PDF path.

Examples

```
## Not run:  
convert_html_to_pdf("C:/path/to/file.xhtml")  
  
## End(Not run)
```

find_html2pdf_backend *Find configured backend executable*

Description

Find configured backend executable

Usage

```
find_html2pdf_backend()
```

Value

Path to backend executable, or an empty string if not found.

install_html2pdf_backend
Install external backend from GitHub Releases

Description

Install external backend from GitHub Releases

Usage

```
install_html2pdf_backend(  
  url = backend_release_url(),  
  ask = interactive(),  
  overwrite = FALSE,  
  timeout = 300,  
  verbose = FALSE  
)
```

Arguments

url	Optional URL to a backend zip file. If omitted, the default GitHub Releases URL is used.
ask	Logical; ask before downloading. Defaults to interactive().
overwrite	Logical; overwrite an existing backend installation.
timeout	Download timeout in seconds.
verbose	Logical; show progress messages.

Value

Invisibly returns the installed executable path.

launch_html2pdf_app *Launch graphical converter application*

Description

Launch graphical converter application

Usage

launch_html2pdf_app()

Value

Opens a 'Tk' graphical interface for file selection and conversion.

set_html2pdf_backend *Set backend executable path*

Description

Set backend executable path

Usage

set_html2pdf_backend(path)

Arguments

path	Path to the backend executable.
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Value

Invisibly returns the normalized backend path.

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