Package: html2pdfR (via r-universe)

October 12, 2026

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.

License GPL-3

Encoding UTF-8

Imports utils, tools, tcltk

Suggests roxygen2, testthat

Roxygen list(markdown = TRUE)

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

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

NeedsCompilation no

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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.

Value

Invisibly returns the normalized backend path.

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