

# Package: html2pdfR (via r-universe)

May 14, 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

**Config/roxygen2/version** 8.0.0

**Repository** <https://ljin-5673.r-universe.dev>

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backend\_config\_file    *Get backend config file path*

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### Description

Get backend config file path

### Usage

backend\_config\_file()

### Value

Path to the config file storing backend executable location.

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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**

<code>input</code>	Path to a local HTML, HTM, or XHTML file.
<code>verbose</code>	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**

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

**Value**

Invisibly returns the installed executable path.

---

`launch_html2pdf_app`    *Launch graphical converter application*

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**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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