

Package: fidelius (via r-universe)

February 21, 2025

Title Browser-Side Password-Protected HTML Documents

Version 0.0.2.9000

Description Create secure, encrypted, and password-protected static HTML documents that include the machinery for secure in-browser authentication and decryption.

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URL <https://mattwarkentin.github.io/fidelius/>,
<https://github.com/mattwarkentin/fidelius>

BugReports <https://github.com/mattwarkentin/fidelius/issues>

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.2

Imports askpass, fs, htmltools, readr, rlang, rmarkdown, rstudioapi,
sodium, whisker

Config/pak/sysreqs make libsodium-dev libx11-dev

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

RemoteUrl <https://github.com/mattwarkentin/fidelius>

RemoteRef HEAD

RemoteSha b2da58713ea985bcca7e3503db938c0cfdfa5047

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charm

Password protect a document

Description

Encrypt and password protect an HTML document.

Usage

```
charm(
  input,
  password,
  hint = NULL,
  output = NULL,
  style = stylize(),
  bundle = FALSE,
  minified = TRUE,
  ...
)
```

Arguments

input	Path to an R Markdown or HTML file.
password	Private password to unlock file. If not provided, you will be asked to supply a password by a prompt if you are working from an interactive session.
hint	Optional public password hint.
output	Override the name of the output file.
style	Object returned from <code>stylize()</code> .
bundle	Logical. Should all of the decryption machinery and dependencies be bundled into the HTML document? Default is <code>FALSE</code> .
minified	Logical. Should minified versions of JavaScript dependencies be included? Default is <code>TRUE</code> .
...	Arguments passed on to <code>rmarkdown::render()</code> .

Value

input, invisibly.

Note

Using `bundle = TRUE` only applies to bundling the decryption machinery and dependencies for the document generated by `charm()`. It is still the users responsibility to decide on whether input is self-contained by passing `self_contained = TRUE` to `rmarkdown::render()` using `...`, or by specifying `self_contained: true` in the YAML header of input.

Examples

```
## Not run:
charm("input.Rmd")

charm("input.Rmd", password = "pw1234!")

## End(Not run)
```

html_password_protected

Password protected HTML document

Description

An R Markdown output format to encrypt and password protect an HTML document using `charm()`. `secret_keeper()` is an alias for `html_password_protected`.

Usage

```
html_password_protected(
  output_format = "rmarkdown::html_document",
  password,
  hint = NULL,
  style = list(),
  bundle = FALSE,
  minified = TRUE,
  preview = FALSE,
  ...
)

secret_keeper(
  output_format = "rmarkdown::html_document",
  password,
  hint = NULL,
  style = list(),
  bundle = FALSE,
  minified = TRUE,
  preview = FALSE,
  ...
)
```

Arguments

`output_format` An R Markdown format that renders to HTML. By default, will render to the standard `rmarkdown::html_document()` format. You may pass any arguments to your `output_format` as shown below:

	<pre> --- output: fidelius::html_password_protected: output_format: rmarkdown::html_document: toc: true --- </pre>
password	Private password to unlock file. If not provided, you will be asked to supply a password by a prompt if you are working from an interactive session.
hint	Optional public password hint.
style	Any number of style options that are configurable via <code>stylize()</code> . For example: <pre> output: fidelius::html_password_protected: style: button_text: "Open Sesame!" </pre>
bundle	Logical. Should all of the decryption machinery and dependencies be bundled into the HTML document? Default is FALSE.
minified	Logical. Should minified versions of JavaScript dependencies be included? Default is TRUE.
preview	Logical. Set to FALSE to bypass the encryption and password protection to render the HTML document specified by <code>output_format</code> . See Notes for more details.
...	Not currently used.

Value

R Markdown output format based on `output_format` to pass to `rmarkdown::render()`.

Note

If you hard-code your password into the YAML header of the document be careful not to check the R Markdown file into a public version control repository (e.g. `git` or `GitHub`) where the password is stored and visible in plain-text. Please use this format carefully.

Try using `xaringan::infinite_moon_reader()` with `preview = TRUE` to preview your document with automatic reloading of slides on change. When you are done developing your document, set `preview = FALSE` or remove it from the YAML header entirely to encrypt and password protect your document.

See Also

[charm](#) for more information on the password protection and encryption.

Examples

```
## Not run:
library(rmarkdown)
render("input.Rmd", html_password_protected())

## End(Not run)
```

stylize

Style password landing page

Description

Use this function to style the appearance of the landing page for the password-protected HTML file.

Usage

```
stylize(
  header_text = "PLEASE ENTER THE PASSWORD",
  placeholder_text = "",
  button_text = "SUBMIT",
  font_family = "-apple-system",
  font_size = "16px",
  title_color = "#2d3737",
  background_color = "#f2f2f2",
  box_color = "ffffff",
  btn_font_color = "ffffff",
  btn_bg_color = "#19A974",
  btn_hover_color = "#137752",
  modal_overlay = "rgba(0, 0, 0, 0.6)",
  modal_box_color = "ffffff",
  modal_title_color = "#137752",
  modal_font_color = "rgba(0, 0, 0, 0.8)"
)
```

Arguments

header_text	Header text.
placeholder_text	Password input placeholder text.
button_text	Button text.
font_family	Font family.
font_size	Font size.
title_color	Title font color.
background_color	Background color.

<code>box_color</code>	Box color.
<code>btn_font_color</code>	Button font color.
<code>btn_bg_color</code>	Button background color.
<code>btn_hover_color</code>	Button hover color.
<code>modal_overlay</code>	Modal overlay color.
<code>modal_box_color</code>	Modal box color.
<code>modal_title_color</code>	Modal title font color.
<code>modal_font_color</code>	Modal text font color.

Value

A list with class `fidelius_styling`.

Examples

```
stylize(font_family = "Times")
```

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