

Package ‘postlightmercury’

July 9, 2017

Type Package

Title Parses Web Pages using Postlight Mercury

Version 1.2

Author Mikkel Freltoft Krogsholm

Maintainer Mikkel Freltoft Krogsholm <mikkel@56n.dk>

Description This is a wrapper for the Mercury Parser API. The Mercury Parser is a single API endpoint that takes a URL and gives you back the content reliably and easily.

With just one API request, Mercury takes any web article and returns only the relevant content — headline, author, body text, relevant images and more — free from any clutter. It’s reliable, easy-to-use and free.

See the webpage here: <<https://mercury.postlight.com/>>.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports tibble, crul, purrr, jsonlite, rvest, xml2

Suggests testthat, covr

NeedsCompilation no

Repository CRAN

Date/Publication 2017-07-09 06:26:56 UTC

R topics documented:

null_to_na	2
remove_html	2
web_parser	3

Index	4
--------------	----------

null_to_na	<i>Turns NULL values in a list into NAs.</i>
------------	--

Description

Turns NULL values in a list into NAs.

Usage

```
null_to_na(mylist)
```

Arguments

`mylist` is a list, where the NULL values are to be turned into NAs.

remove_html	<i>Removes html</i>
-------------	---------------------

Description

The function uses tools from the rvest and xml2 packages to clean up the HTML and turning it into proper text.

Usage

```
remove_html(strings, trim = TRUE)
```

Arguments

`strings` the string(s) you want to clean
`trim` should the string be trimmed or not

Value

a string

Examples

```
## Not run:
# First get api key here: https://mercury.postlight.com/web-parser/

# Then run the code below replacing the X's wih your api key.
url <- "https://trackchanges.postlight.com/building-awesome-cms-f034344d8ed"
my_data <- web_parser(page_urls = url,
                      api_key = XXXXXXXXXXXXXXXXXXXXXXXX)

# With html formatting:
```

```
my_data$content

# Now remove it:
my_data$content <- remove_html(my_data$content)

# Without html formatting:
my_data$content

## End(Not run)
```

web_parser

Parses web pages

Description

With just one API request, Mercury takes any web article and returns only the relevant content — headline, author, body text, relevant images and more — free from any clutter. It's reliable, easy-to-use and free.

Usage

```
web_parser(page_urls, api_key)
```

Arguments

page_urls	One or more urls to be parsed
api_key	Key for the API

Value

a tibble

Source

<https://mercury.postlight.com/web-parser/>

Examples

```
## Not run:
# First get api key here: https://mercury.postlight.com/web-parser/

# Then run the code below replacing the X's with your api key:
web_parser(page_urls = "https://trackchanges.postlight.com/building-awesome-cms-f034344d8ed",
           api_key = XXXXXXXXXXXXXXXXXXXXXXXX)

## End(Not run)
```

Index

`null_to_na`, 2

`remove_html`, 2

`web_parser`, 3