Package 'rwhatsapp'

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Title Import and Handling for 'WhatsApp' Chat Logs

Version 0.2.4

Date 2022-01-05

Description A straightforward, easy-to-use and robust parsing package which aims to digest history files from the popular messenger service 'WhatsApp' in all locales and from all devices.

Depends R (>= 3.5.0)

License GPL-3

Imports stringi (>= 1.1.7), tibble (>= 1.4.0)

Suggests knitr, testthat, covr, spelling, rmarkdown

URL https://github.com/JBGruber/rwhatsapp

Encoding UTF-8

BugReports https://github.com/JBGruber/rwhatsapp/issues

LazyData true

RoxygenNote 7.1.2

VignetteBuilder knitr

Language en-GB

NeedsCompilation no

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Repository CRAN

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R topics documented:

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emojis   *List of emojis and corresponding descriptions.*

Description

A dataset containing emojis and corresponding descriptions. This dataset was collected by combining the data from the emo package with newly scraped emojis from unicode.org.

Usage

```
emojis
```

Format

A tibble with 4085 rows and 3 columns:

- emoji character representation of the emoji
- name of the emoji
- hex_runes hexadecimal representations of emoji

Details

hex_runes can be used to easily look up image files of emojis.

Source

<https://github.com/hadley/emo/> and <https://unicode.org/emoji/charts/>

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lookup_emoji   *Lookup emojis from text*

Description

Takes a character string or data.frame with text, looks up all emoji characters in it and also returns their description. Supports the full unicode Emoji List v13.0 (see emojis).

Usage

```
lookup_emoji(x, ...)

## S3 method for class 'data.frame'
lookup_emoji(x, text_field = "text", ...)

## S3 method for class 'character'
lookup_emoji(x, ...)
```

Arguments

x	A character vector or data.frame.
...	not currently used.
text_field	the character name or numeric index of the source 'data.frame' indicating the variable to be read in as text.

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rwa_read   *Read WhatsApp history into R*

Description

Takes a history file from the "WhatsApp" messenger app (txt or zip) and returns a formatted data.frame with descriptions of the used emojis.

Usage

```
rwa_read(x, tz = NULL, format = NULL, verbose = FALSE, encoding = "UTF-8", ...)
```

Arguments

x	Path to a txt or zip file of a WhatsApp history or the history itself as character object.
tz	A time zone for date conversion. Set NULL or "" for the default time zone or a single string with a timezone identifier, see stri_timezone_list.
format	Most formats are automatically detected. If you encounter problems you can provide a custom format here. Refer to stri_datetime_parse for guidance.
verbose	A logical flag indicating whether information should be printed to the screen.
encoding	Input encoding. Should usually be "UTF-8" if files haven't changed since export from WhatsApp.
...	Further arguments passed to readLines.

Details

The history can be obtained going to the menu in a chat on the "WhatsApp" app, choosing "more", then "Export chat".

Value

A tibble with the information parsed from the history file.

Examples

```
history <- system.file("extdata", "sample.txt", package = "rwhatsapp")
df <- rwa_read(history)
```

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