

# Package: rwhatsapp (via r-universe)

September 4, 2024

**Title** Import and Handling for 'WhatsApp' Chat Logs

**Version** 0.2.4.9000

**Date** 2022-05-04

**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

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

**RemoteUrl** <https://github.com/jbgruber/rwhatsapp>

**RemoteRef** HEAD

**RemoteSha** 6e09da34243c559577c7bde60d74494e64526eb8

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emojis	<i>List of emojis and corresponding descriptions.</i>
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### 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	<i>Lookup emojis from text</i>
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### 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	<i>Read WhatsApp history into R</i>
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**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 <a href="#">stri_timezone_list</a> .
format	Most formats are automatically detected. If you encounter problems you can provide a custom format here. Refer to <a href="#">stri_datetime_parse</a> 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 <a href="#">readLines</a> .

**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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