

Package ‘ical’

January 21, 2019

Type Package

Title ‘iCalendar’ Parsing

Version 0.1.6

Date 2019-01-21

Maintainer Peter Meissner <retep.meissner@gmail.com>

Description A simple wrapper around the ‘ical.js’ library executing ‘Javascript’ code via ‘V8’ (the ‘Javascript’ engine driving the ‘Chrome’ browser and ‘Node.js’ and accessible via the ‘V8’ R package). This package enables users to parse ‘iCalendar’ files (‘.ics’, ‘.ifb’, ‘.iCal’, ‘.iFBf’) into lists and ‘data.frames’ to ultimately do statistics on events, meetings, schedules, birthdays, and the like.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Imports V8 (>= 1.5)

Suggests testthat, covr

NeedsCompilation no

Author Peter Meissner [aut, cre],
Philipp Kewisch [cph] (Ical.js file is is licences under MPL. Source:
<https://github.com/mozilla-comm/ical.js>)

Repository CRAN

Date/Publication 2019-01-21 20:20:03 UTC

R topics documented:

ical_clean_ical_parsed	2
ical_parse	2
Index	4

ical_clean_ical_parsed
ical_clean_ical_parsed

Description

ical_clean_ical_parsed

Usage

```
ical_clean_ical_parsed(ical_parsed)
```

Arguments

ical_parsed data provided by ical_parse()

ical_parse *ical_parse*

Description

Parses iCalendar format from character vector or file and returns it as a list of columns.

Parses iCalendar format from character vector or file and returns it as data.frame.

Parses iCalendar format from character vector or file and returns it as a list of entries.

Usage

```
ical_parse(file = NULL, text = NULL)
```

```
ical_parse_df(file = NULL, text = NULL)
```

```
ical_parse_list(file = NULL, text = NULL)
```

Arguments

file path to file to be read in and parsed

text text of ical file

Examples

```
# parse from character vector
char_vec <- readLines(system.file("birthdays.ics", package = "ical"))
ical_parse(text = char_vec)

# parse from file
ical_parse(file = system.file("birthdays.ics", package = "ical"))
```

Index

`ical_clean_ical_parsed`, 2
`ical_parse`, 2
`ical_parse_df (ical_parse)`, 2
`ical_parse_list (ical_parse)`, 2