

Package 'ical'

December 3, 2018

Type Package

Title 'iCalendar' Parsing

Version 0.1.5

Date 2018-11-27

Author c(
 person(
 ``Peter",
 ``Meissner",
 role = c(``aut", ``cre"),
 email = ``retep.meissner@gmail.com"
),
 person(
 ``Philipp",
 ``Kewisch",
 role = ``cph",
 comment =
 ``Ical.js file is is licences under MPL.
 Source: <https://github.com/mozilla-comm/ical.js>"
)
)

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

Repository CRAN

Date/Publication 2018-12-03 11:22:41 UTC

R topics documented:

ical_clean_ical_parsed	2
ical_parse	2

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

ical_clean_ical_parsed	<i>ical_clean_ical_parsed</i>
------------------------	-------------------------------

Description

ical_clean_ical_parsed

Usage

```
ical_clean_ical_parsed(ical_parsed)
```

Arguments

ical_parsed data provided by ical_parse()

ical_parse	<i>ical_parse</i>
------------	-------------------

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

<code>file</code>	path to file to be read in and parsed
<code>text</code>	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