

# Package ‘ical’

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**Type** Package

**Title** ‘iCalendar’ Parsing

**Version** 0.1.6

**Date** 2019-01-21

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**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.

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**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**Imports** V8 (>= 1.5)

**Suggests** testthat, covr

**NeedsCompilation** no

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

**Repository** CRAN

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## Contents

ical_clean_ical_parsed . . . . .	2
ical_parse . . . . .	2
<b>Index</b>	<b>3</b>

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ical_clean_ical_parsed	<i>ical_clean_ical_parsed</i>
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**Description**

ical\_clean\_ical\_parsed

**Usage**

```
ical_clean_ical_parsed(ical_parsed)
```

**Arguments**

ical\_parsed      data provided by ical\_parse()

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ical_parse	<i>ical_parse</i>
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**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