

# Package ‘orgR’

July 22, 2025

**Type** Package

**Title** Analyse Text Files Created by Emacs' Org mode

**Version** 0.9.0

**Date** 2014-12-15

**Author** Yi Tang

**Maintainer** Yi Tang <yi.tang.uk@me.com>

**Description** Provides functionality to process text files created by Emacs' Org mode, and decompose the content to the smallest components (headlines, body, tag, clock entries etc). Emacs is an extensible, customizable text editor and Org mode is for keeping notes, maintaining TODO lists, planning projects. Allows users to analyze org files as data frames in R, e.g., to conveniently group tasks by tag into project and calculate total working hours. Also provides some help functions like `search.parent`, `gg.pie` (visualise working hours in `ggplot2`) and `tree.headlines` (visualise headline structure in tree format) to help user managing their complex org files.

**License** GPL (>= 2)

**Depends** ggthemes (>= 1.7.0), ggplot2 (>= 1.0.0), lubridate (>= 1.3.3), data.table (>= 1.9.4), stringr (>= 0.6.2)

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2014-12-20 07:48:40

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GetClockTable      *clock.table*

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**Description**

Parse org file

**Usage**

```
GetClockTable(org.file = "~/tmp.org")
```

**Arguments**

org.file      a org file

**Details**

scan a org file and return the headlines and associated clock entries

**Value**

a data.table

**Author(s)**

Yi Tang

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GetHeadlines      *Headlines*

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**Description**

org headlines

**Usage**

```
GetHeadlines(org.file = "~/tmp.org")
```

**Arguments**

org.file      a file path point to a .org file

**Details**

A function to parse org files, will return headlines and associated attributes, including tag, clock entries, shedules, deadlines, closed date, todo states,

**Value**

a table of headlines and attributes

**Author(s)**

Yi Tang

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GetTS	<i>function</i>
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**Description**

ad description

**Usage**

```
GetTS(str = "a", ts.format = c("<%Y-%m-%d %a>",  
    "<%Y-%m-%d %a %H:%M>"))
```

**Arguments**

str	content of a .org file
ts.format	format of time stamps used in the .org file. It is equivalent to org-time-stamp-formats in Emacs

**Details**

lalla details

**Value**

a

**Author(s)**

yitang

orgR

*orgR*

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### Description

orgR

### Details

a package to process org file

### Author(s)

yitang

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search.parent

*search.parent*

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### Description

Search for parent headlines

### Usage

```
search.parent(head.info, heading.id)
```

### Arguments

head.info      a head table from GetHeadlings

heading.id     a unique id from head.info

### Details

Given a headlines table and headline id, it will return the parent headlines.

### Value

a data.table

### Author(s)

Yi Tang

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ToISOdate	<i>clock.table</i>
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**Description**

Parse clock entry to ISO date

**Usage**

```
ToISOdate(clock.entries)
```

**Arguments**

clock.entries    a standard clock entry from org-mode

**Value**

POXICt object

**Author(s)**

Yi Tang

**Examples**

```
str <- c("CLOCK: [2014-11-26 Wed 09:36]--[2014-11-26 Wed 10:04] => 0:28",
        "CLOCK: [2014-12-04 Thu 15:24]--[2014-12-04 Thu 16:25] => 1:01")
ToISOdate(str)
```

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tree.headings	<i>org-headings-tree</i>
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**Description**

Visualise org-mode headings

**Usage**

```
tree.headings(head.info, output = "screen", plantuml = TRUE)
```

**Arguments**

head.info        a data.tabl returned by GetHeadlines()  
output            file to save the results, default setting is to print to scree  
plantuml         TRUE/FALSE, for plantuml program?

**Details**

tree structure of org headlines

**Value**

a string that can be used in plantuml program

**Author(s)**

Yi Tang

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