Package 'orgR'

May 9, 2026

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 convieniently 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 stricture in tree format) to help user managing their complex org files.

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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

Contents

`GetClockTable` *clock.table*

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

`GetHeadlines` *Headlines*

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

`GetTS` *function*

Description

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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*

Description

orgR

Details

a package to process org file

Author(s)

yitang

search.parent *search.parent*

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

ToISOdate *clock.table*

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)
```

tree.headings *org-headings-tree*

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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