

Package ‘orgR’

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Type Package

Title Analyse Text Files Created by Emacs' Org mode

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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

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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	<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

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	<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)
```

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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