Package 'todor'

October 14, 2022

Title Find All TODO Comments and More

Version 0.1.2

Description This is a simple addin to 'RStudio' that finds all 'TODO', 'FIX ME', 'CHANGED' etc. comments in your project and shows them as a markers list.

Depends R (>= 3.3)

Imports stringr, rex, rstudioapi, R.utils

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Encoding UTF-8

RoxygenNote 7.1.1

Suggests testthat

NeedsCompilation no

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R topics documented:

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build_markdown_report   *Build TODO report in markdown syntax*

Description

Extracts the list of unique files which contain a todor marker and applies extract_markers_to_md
to each of these files.

Usage

```
build_markdown_report(markers)
```

Arguments

markers   List of todor markers.

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build_rstudio_markers   *Build Rstudio Markers*

Description

Build Rstudio Markers

Usage

```
build_rstudio_markers(markers)
```

Arguments

markers   list of markers

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clean_comments   *Clean line from comment tags*

Description

Clean line from comment tags

Usage

```
clean_comments(line, pattern = NULL)
```

Arguments

line   character with comment tag to remove

pattern   character with pattern to detect (default NULL)

Value

cleaned character

Examples

```
## Not run:
clean_comments("#' TODO abc abc") #"TODO abc abc"

## End(Not run)
```

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create_markers   *Create markers*

Description

Create markers

Usage

```
create_markers(todo.list)
```

Arguments

todo.list   list of files with lists of items detected in each

Value

markers list

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extract_markers_to_md *Extract markers to markdown*

Description

Extracts all `todor` markers in a given file and converts them to bullet-pointed markdown syntax. The file name is printed in bold at the top of each section.

Usage

```
extract_markers_to_md(file, markers)
```

Arguments

`file`	Name of file. Used to extract TODOs in that file from the list of markers.
`markers`	List of todor markers.

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find_package *Find package*

Description

Find package

Usage

```
find_package(path = getwd())
```

Arguments

`path`	character with path to directory with R code files

Value

package path

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find_pattern   *Find pattern*

Description

Find patterns like `# TODO text` `#TODO Test this thing.` `#TODO: Test this thing.` `#TODO - Test this thing.` `<!-- TODO Test this thing. -->` `<!-- TODO: Test this thing. -->` `<!-- TODO - Test this thing. -->`

Usage

```
find_pattern(text, patterns = c("TODO", "FIXME"))
```

Arguments

text   character with text

patterns   character vector

Value

character with pattern in brackets or NULL

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list_files_with_extension

List files with given extension

Description

It lists recursively with full path names.

Usage

```
list_files_with_extension(extension, search_path)
```

Arguments

extension   character with extension

search_path   character with path to start searching from

Value

list of files with specified extension

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process_file   *Process file*

Description

It calls `find_pattern` on given file and return detected markers or NULL.

Usage

```
process_file(filepath, patterns)
```

Arguments

filepath   character with

patterns   vector of characters with given patterns to detect, e.g. c("TODO", "BUG")

Value

list of markers (which are lists describing properties of detected item from find_pattern)

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todor   *TODOR This package helps you to find all code rows in your code with*
                                  places to be filled in the future.

Description

Called on project that are not R packages. Checks all places in the code which require amendents
as specified in `todo_types` on R and r files. It triggers rstudio markers to appear.

Usage

```
todor(
  todo_types = NULL,
  search_path = getwd(),
  file = NULL,
  output = "markers"
)
```

Arguments

todo_types   vector with character describing types of elements to detect. If NULL default
                  items will be used.

search_path   vector with paths that contains comments you are looking for.

file   character with path to file. If not NULL the search_path will be ignored.

output   what form should the output take? "markers" (default) creates a marker for each
                  TODO and lists them in the "Markers" Rstudio pane. "text" coverts the TODO
                  list to markdown syntax

Details

There are several options that let you control TODOr behaviour:

`todor_rmd` - when set to TRUE it searches also through Rmd files (default TRUE).

`todor_rnw` - when set to TRUE it searches also through Rnw files (default FALSE).

`todor_rhtml` - when set to TRUE it searches also through Rhtml files (default FALSE).

`todor_exclude_packrat` when set to FALSE, all files in the "packrat" directory are excluded (default TRUE).

`todor_exclude_r` when TRUE, it ignores R and r files (default FALSE)

`todor_patterns` must be vector. Contains all the names of patterns to be detected. Default are: "FIXME", "TODO", "CHANGED", "IDEA", "HACK", "NOTE", "REVIEW", "BUG", "QUESTION", "COMBAK", "TEMP".

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todor_file	*Todor file*

Description

Todor file

Usage

```
todor_file(file_name, todo_types = NULL, output = "markers")
```

Arguments

`file_name`	character with file name
`todo_types`	vector with character describing types of elements to detect. If NULL default items will be used.
`output`	what form should the output take? "markers" (default) creates a marker for each TODO and lists them in the "Markers" Rstudio pane. "text" coverts the TODO list to markdown syntax

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todor_file_addin	*Todor active file addin*

Description

Calls `todor_file` function on active document path.

Usage

```
todor_file_addin()
```

`todor_package`	*Todor Package addin*

Description

Called on packages. Checks all places in the code which require amendents as specified in `todo_types`. It triggers rstudio markers to appear.

Usage

```
todor_package(todo_types = NULL)
```

Arguments

`todo_types`	vector with character describing types of elements to detect. If NULL default items will be used.

`todor_package_addin`	*Todor package addin*

Description

Calls `todor_package` function.

Usage

```
todor_package_addin()
```

`todor_project_addin`	*Todor project addin*

Description

Calls `todor` function.

Usage

```
todor_project_addin()
```

Index