

# Package ‘todor’

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**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

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.1.1

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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build\_markdown\_report *Build TODO report in markdown syntax*

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### 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*

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### Description

Build Rstudio Markers

### Usage

```
build_rstudio_markers(markers)
```

### Arguments

markers            list of markers

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clean_comments	<i>Clean line from comment tags</i>
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**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	<i>Create markers</i>
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**Description**

Create markers

**Usage**

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

**Arguments**

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

markers list

extract\_markers\_to\_md *Extract markers to markdown*

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### 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*

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### Description

Find package

### Usage

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

### Arguments

path	character with path to directory with R code files
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### Value

package path

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find_pattern	<i>Find pattern</i>
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**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	<i>List files with given extension</i>
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**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	<i>Process file</i>
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**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. <code>c("TODO", "BUG")</code>

**Value**

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

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

Called on project that are not R packages. Checks all places in the code which require amendments 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 <code>NULL</code> 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 <code>NULL</code> the <code>search_path</code> will be ignored.
output	what form should the output take? "markers" (default) creates a marker for each <code>TODO</code> and lists them in the "Markers" <code>Rstudio</code> pane. "text" converts the <code>TODO</code> 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	<i>Todor file</i>
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**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" converts the TODO list to markdown syntax

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todor_file_addin	<i>Todor active file addin</i>
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**Description**

Calls todor\_file function on active document path.

**Usage**

```
todor_file_addin()
```

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todor_package	<i>Todor Package addin</i>
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**Description**

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

**Usage**

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

**Arguments**

<code>todo_types</code>	vector with character describing types of elements to detect. If NULL default items will be used.
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todor_package_addin	<i>Todor package addin</i>
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**Description**

Calls `todor_package` function.

**Usage**

```
todor_package_addin()
```

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todor_project_addin	<i>Todor project addin</i>
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**Description**

Calls `todor` function.

**Usage**

```
todor_project_addin()
```



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