Package 'newsmd'

July 22, 2025

Title Creation of NEWS.md File

Version 0.5.1

Date 2023-04-17

Description Adding updates (version or bullet points) to the NEWS.md file.

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URL https://github.com/Dschaykib/newsmd

BugReports https://github.com/Dschaykib/newsmd/issues

Depends R (>= 3.3)

Imports R6

Suggests desc, knitr, lintr, rmarkdown, testthat

VignetteBuilder knitr

Encoding UTF-8

Language en-GB

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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Contents

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combine_dev   *Combining dev-versions into the next version*

Description

Combining dev-versions into the next version

Usage

```
combine_dev(text = "")
```

Arguments

text   a string vector with the content of the get_text method

Value

a string vector with the reduced NEWS.md text

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get_version   *Retrieve the version number of a NEWS.md file*

Description

This function tries to extract the version number within a file. There are a few pitfalls:

* If the word "version" is within the text but denotes a dependency it is still detected. * If the files has a date before the version it will return the date instead of the version * It is assumed, that the NEWS.md files is updated from the top. Ergo the latest version is the first one.

Usage

```
get_version(file, latest = TRUE)
```

Arguments

file   a path to a file

latest   a Boolean, if TRUE (default) only the latest version is returned

Value

either a single string or a vector with version numbers

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news   *Manipulate the NEWS.md file*

Description

Manipulate the NEWS.md file.

Format

An R6 class.

Methods

Public methods:

- news$new()
- news$print()
- news$get_text()
- news$write()
- news$add_version()
- news$add_subtitle()
- news$add_bullet()
- news$clone()

Method new(): Create a new news object.

Usage:

```
news$new(
  text = c(paste0("## version ", version), "", "---", "", "### NEWS.md setup", "",
    "- added NEWS.md creation with [newsmd](https://github.com/Dschaykib/newsmd)", ""),
  version = "0.0.0.9000",
  file = NULL
)
```

Arguments:

text vector with context for the news.md file.

version current version of the package.

file a text file with the current news.md file. Use NULL to create new file.

Returns: A new 'news' object.

Method print(): Print a news object.

Usage:

```
news$print()
```

Method get_text(): Get the news object as a text.

Usage:

```
news$get_text()
```

Returns: The context of the news file.

Method `write()`:   Write and save a news object.

Usage:
```
news$write(file = "NEWS.md", reduce_dev = FALSE)
```
Arguments:

`file` A path and file to where the news file is saved.

`reduce_dev` A boolean, if TRUE dev version's points are combined into the next version

Method `add_version()`:   Adds a version line to a news object.

Usage:
```
news$add_version(x)
```
Arguments:

`x` A string with the version number.

Method `add_subtitle()`:   Adds a subtitle line to a news object.

Usage:
```
news$add_subtitle(x)
```
Arguments:

`x` A string with the subtitle.

Method `add_bullet()`:   Adds a bullet points to the last subtitle.

Usage:
```
news$add_bullet(x)
```
Arguments:

`x` A vector with the bullet points.

Method `clone()`:   The objects of this class are cloneable with this method.

Usage:
```
news$clone(deep = FALSE)
```
Arguments:

`deep` Whether to make a deep clone.

See Also

[newsmd](#)

Examples

```
## Create a template
my_news <- news$new()
my_news$add_subtitle("improved things 1")
my_news$add_bullet("point 1")
my_news$add_bullet("point 2")
```

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newsmd   *Creating a NEWS.md file*

Description

This is a convenience wrapper for `news$new()`. If you already have a `NEWS` file you can add it's path to `newsmd()`.

Usage

```
newsmd(
  file = NULL,
  text = c(paste0("## version ", version), "", "---", "", "### NEWS.md setup", "",
   "- added NEWS.md creation with [newsmd](https://github.com/Dschaykib/newsmd)", ""),
  version = "0.0.0.9000"
)
```

Arguments

file	name of the `NEWS` file to load. If not given a new file `NEWS.md` is created.
text	a character scalar containing the initial text.
version	a character with the version in the format `major.minor.patch.dev`.

Details

This functions creates a `news` object, which can be saved as the NEWS.md file with the internal method `write()`. One can add versions, subtitles and bullet points to the `news`.

If an existing NEWS.md file is given, the version is extracted with `get_version` and the dev part is bumped up.

Examples

```
newsmd()
```

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