

# Package ‘NEWSRSS’

November 21, 2019

**Type** Package

**Title** Convert NEWS File to RSS Feed

**Version** 0.9-3

**Date** 2017-08-11

**Maintainer** Enrico Schumann <es@enricoschumann.net>

**Description** Description: Utilities to convert an R package NEWS file to an RSS feed.

**Imports** datetimeutils, graphics, stats, textutils, utils

**License** GPL-3

**URL** <http://enricoschumann.net/R/packages/NEWSRSS/>

**NeedsCompilation** no

**Author** Enrico Schumann [aut, cre]

## R topics documented:

NEWSRSS-package	1
ChangeLog	3
<b>Index</b>	<b>5</b>

---

NEWSRSS-package	<i>Convert NEWS File to RSS Feed</i>
-----------------	--------------------------------------

---

## Description

Convert package NEWS file to RSS items.

**Usage**

```
news_to_rss(package, file,
            guid = function(version, date, ...) paste0(package, "_", version),
            link,
            guid.isPermaLink = FALSE, ...)

rss_feed(items, title, description, language, link, atom.href, copyright)
```

**Arguments**

package	character
file	character
guid	function
link	character. The URL of the feed.
items	character. The items of the feed, in XML markup.
title	character
description	character
language	character
copyright	character
atom.href	character. See <a href="http://www.rssboard.org/rss-profile#namespace-elements-atom-link">http://www.rssboard.org/rss-profile#namespace-elements-atom-link</a>
guid.isPermaLink	logical
...	more arguments

**Details**

xxx

**Value**

character vector

**Author(s)**

Enrico Schumann

**See Also**

[news](#)

**Examples**

```
## Not run:

require("NEWSRSS")
copyright <- "Copyright 2015, Enrico Schumann"
title <- "NMOF &#8211; Numerical Methods and Optimization in Finance"
link <- "http://enricoschumann.net/R/packages/NMOF/"

description <- "News about package NMOF"
language <- "en-gb"
atom.href <- "http://enricoschumann.net/R/packages/NMOF/NMOF_news.xml"

cat(rss_feed(news_to_rss("NMOF", link = link), title, description,
                    language, link, atom.href, copyright),
    file = "~/tmp/NMOF_news.xml")

## pretty print
system("xmllint -o ~/ESdotnet/R/packages/NMOF/NMOF_news.xml --format ~/tmp/NMOF_news.xml")

## End(Not run)
```

---

ChangeLog

---

*Parse GNU/Emacs-style ChangeLog File*


---

**Description**

Read and parse an Emacs ChangeLog file.

**Usage**

```
ChangeLog(file)
```

**Arguments**

file                    character. The path to the ChangeLog file.

**Details**

The function is not very lenient: it expects the standard format.

**Value**

A list of lists; each 'inner' list contains information about an entry

date	entry date
author	the name of the author
email	the email address of the author
txt	the actual txt

**Author(s)**

Enrico Schumann

**References**

GNU coding standards <http://www.gnu.org/prep/standards/standards.html#Change-Logs>

GNU coding standards [http://www.gnu.org/software/emacs/manual/html\\_mono/emacs.html#Change-Log](http://www.gnu.org/software/emacs/manual/html_mono/emacs.html#Change-Log)

**Examples**

```
## Not run:  
file <- "http://enricoschumann.net/R/packages/NMOF/ChangeLog"  
ChangeLog(file)  
  
## End(Not run)
```

# Index

ChangeLog, [3](#)

news, [2](#)

news\_to\_rss (NEWSRSS-package), [1](#)

NEWSRSS (NEWSRSS-package), [1](#)

NEWSRSS-package, [1](#)

rss\_feed (NEWSRSS-package), [1](#)