

Package ‘mboxr’

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Title Reading, Extracting, and Converting an Mbox File into a Tibble

Version 0.1.5

Description Importing and converting an mbox file into a tibble object.

SystemRequirements Anaconda (<https://www.anaconda.com/download/>)

License GPL-3

VignetteBuilder knitr

URL <https://github.com/jooyoungseo/mboxr>

BugReports <https://github.com/jooyoungseo/mboxr/issues>

Encoding UTF-8

LazyData true

Imports reticulate, tibble, magrittr, purrr, dplyr, lubridate

RoxygenNote 6.1.1.9000

Suggests knitr, rmarkdown, testthat, covr

NeedsCompilation no

Author JooYoung Seo [aut, cre] (<<https://orcid.org/0000-0002-4064-6012>>),
Soyoung Choi [aut] (<<https://orcid.org/0000-0002-0998-3352>>)

Maintainer JooYoung Seo <jooyoung@psu.edu>

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merge_mbox_all	<i>Merging all mbox files in current directory into one tibble.</i>
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Description

Use this function for merging all mbox files into one tibble object.

Usage

```
merge_mbox_all(path = ".", file = NULL)
```

Arguments

path	A character vector of full path names; the default corresponds to the working directory, <code>getwd</code> . Tilde expansion (see <code>path.expand</code>) is performed. Missing values will be ignored.
file	Output RDS file if you want to save. The default is NULL, which is not saving the output as a file.

Details

merge_mbox_all
See example below.

Value

One tibble object for all the merged mbox files in your current directory will be returned.

Author(s)

JooYoung Seo, <jooyoung@psu.edu>
Soyoung Choi, <sxc940@psu.edu>

References

<https://en.wikipedia.org/wiki/Mbox>
<https://docs.python.org/3/library/mailbox.html>
<https://www.anaconda.com/download/>

Examples

```
# Changing working directory to temp for the demonstration purpose only.  
setwd(tempdir())  
library(mboxr)  
test_path <- system.file("extdata", package = "mboxr")  
# Save your own RDS file as an output if you need it:
```

```
data <- merge_mbox_all(path = test_path, file = "output.rds")
# Now you can use the imported file as a tibble.
str(data)
```

read_mbox	<i>Converting an mbox file into a tibble data_frame.</i>
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Description

Use this function for importing and converting an mbox file into a tibble object.

Usage

```
read_mbox(mbox = NULL, file = NULL)
```

Arguments

mbox	Input mbox file.
file	Output RDS file if you want to save. The default is NULL, which is not saving the output as a file.

Details

read_mbox

See example below.

Value

Tibble object for the input mbox file will be returned.

Author(s)

JooYoung Seo, <jooyoung@psu.edu>

Soyoung Choi, <sxc940@psu.edu>

References

<https://en.wikipedia.org/wiki/Mbox>

<https://docs.python.org/3/library/mailbox.html>

<https://www.anaconda.com/download/>

Examples

```
# Changing working directory to temp for the demonstration purpose only.
setwd(tempdir())
library(mboxr)
# Feeding an mbox file through read_mbox function:
test <- system.file("extdata", "test1.mbox", package = "mboxr")
data <- read_mbox(mbox = test, file = "output.rds")
# Now you can use the imported file as a tibble.
str(data)
```

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