

# Package ‘mboxr’

October 28, 2019

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

**Version** 0.2.0

**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,  
stringr, tidyr

**RoxygenNote** 6.1.99.9001

**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](mailto:jooyoung@psu.edu)>

**Repository** CRAN

**Date/Publication** 2019-10-28 18:50:02 UTC

## R topics documented:

merge_mbox_all	2
read_mbox	3

<b>Index</b>	<b>5</b>
--------------	----------

---

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

---

### 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>
-----------	--

---

## 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)
```

# Index

\*Topic **merge\_mbox\_all**

merge\_mbox\_all, [2](#)

\*Topic **read\_mbox**

read\_mbox, [3](#)

getwd, [2](#)

merge\_mbox\_all, [2](#)

path.expand, [2](#)

read\_mbox, [3](#)