

# Package ‘mailtools’

October 7, 2024

**Type** Package

**Title** E-Mail Utilities

**Description** Utilities to handle email.

**Version** 0.1-8

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**Imports** base64enc

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

**License** GPL-3

**SystemRequirements** A backend for actually sending the e-mail: for instance, 'sendmail' on Debian/Ubuntu, or 'Blat' or 'Outlook' on Windows (see ?sendmail for details).

**URL** <http://enricoschumann.net/R/packages/mailtools/> ,  
<https://git.sr.ht/~enricoschumann/mailtools> ,  
<https://github.com/enricoschumann/mailtools>

**NeedsCompilation** no

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mailtools-package      *E-Mail Utilities*

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**Description**

E-Mail Utilities

**Details**

The package provides an R interface to several command line tools for sending emails.

**Author(s)**

Enrico Schumann

Maintainer: Enrico Schumann <es@enricoschumann.net>

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Attachments      *Save Attachments of msg Files*

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**Description**

Save an attachments of Outlook msg files.

**Usage**

```
save_msg_attachments(msg.path, pdf.path)
```

**Arguments**

msg.path	the attachment to find. Can be a regular expression.
pdf.path	the mbox file

**Details**

The functions uses a simple PowerShell script to save attachments to msg files into separate files.

**Value**

The function is called for its side effect.

**Author(s)**

Enrico Schumann

**Examples**

```
## save_msg_attachments("~/Desktop", "~/Desktop/attachments")
```

**Description**

Save an e-mail attachment to a file.

**Usage**

```
saveAttachment(pattern, fname, writeIfExists = TRUE, adjustfn = TRUE)
```

**Arguments**

pattern	the attachment to find. Can be a regular expression.
fname	the mbox file
writeIfExists	logical
adjustfn	default is TRUE: adjust filenames on Windows?

**Details**

The function is currently only tested with mbox files (which is the format that Thunderbird uses, or the format of nnfolders in Gnus (<http://www.gnus.org/>). The function will load the whole mbox file into memory, which may not work very well if the file is large.

**Value**

The function is called for its side effect. It returns a character vector of matched attachment names.

**Author(s)**

Enrico Schumann

**References**

[http://www.gnu.org/software/emacs/manual/html\\_node/gnus/Mail-Folders.html](http://www.gnu.org/software/emacs/manual/html_node/gnus/Mail-Folders.html)

**Examples**

```
## to be added
```

msgID

*Message-ID*

---

**Description**

Create a unique message ID

**Usage**

msgID()

**Details**

to be added

**Value**

a character

**Author(s)**

Enrico Schumann

**References**

Recommendations for generating Message IDs: <http://www.jwz.org/doc/mid.html>

**See Also**

to be added

**Examples**

```
##msgID()
```

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sendmail*Send Emails*

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**Description**

Send emails via command line tools.

**Usage**

```
sendmail(subject, body, body.file = NULL, to = NULL, from,
         cc = NULL, bcc = NULL, replyto = NULL,
         server, port, user, password,
         attach = NULL, signature = NULL, signature.file = NULL,
         headers = NULL, wait = TRUE, logfile = NULL,
         encoding = "unknown", method = NULL,
         display.only = FALSE, html = FALSE, tls = NULL,
         SendUsingAccount)
```

**Arguments**

subject	character
body	character. When of length > 1, then all elements are pasted together, separated by newline characters
body.file	character. If specified, body is ignored.
to	character
from	character
cc	character
bcc	character
replyto	character
server	character
port	character (an integer will automatically be coerced). Typically 587.
user	character
password	character
attach	character
signature	character
signature.file	character. Name of file.
headers	a character vector of header lines (i.e. for more than one header use c(...))
wait	logical
logfile	character
encoding	character
method	the programme to be called. Supported are sendemail, blat and outlook. Method outlook is supported only on Windows, where it also requires PowerShell.
display.only	logical: if TRUE, only display message, but do not send. Works only for method outlook.
html	logical: send as HTML? For method sendemail, if the message body begins with <html>, it is considered HTML.
tls	NULL or length-one logical: use TLS? Only used for method sendemail. If NULL, sendemail's default settings are used.
SendUsingAccount	a character string: an email address. only supported for method 'outlook'.

## Details

The function provides a wrapper for different tools that send emails. In this way, the same R code that can be used across platforms, provided a suitable backend is installed.

The function constructs an invocation of a command-line utility, specified by method, and then calls the specified method via system. Currently supported are sendmail, Blat and Outlook (see References).

## Value

the return value of system

## Author(s)

Enrico Schumann

## References

<http://caspiandotconf.net/menu/Software/SendEmail/> <https://www.blat.net/>  
RFC 2822: Internet Message Format. <https://tools.ietf.org/html/rfc2822>

## Examples

```
## Not run:
body <- "
<p>Hello.</p>

  <p>Please do not send <b>spam</b></p>.
"

sendmail(subject = "Greetings",
         body    = "Hello",
         to      = "testing@testing.org",
         method  = "outlook",
         html    = TRUE,
         display.only = TRUE) ## only open mail in Outlook

## End(Not run)
```

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