

Package ‘mailtools’

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Type Package

Title E-Mail Utilities

Description Utilities to handle email.

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Imports base64enc

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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).

NeedsCompilation no

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mailtools-package	<i>E-Mail Utilities</i>
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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>

References

to be added

MailTools

Save E-Mail Attachment

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

Examples

```
## to be added
```

msgID	<i>Message-ID</i>
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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()

sendmail	<i>Send Emails</i>
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Description

Send emails via command line tools.

Usage

```
sendmail(subject, body, body.file = NULL, to, 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, 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
wait	logical
logfile	character
encoding	character
method	the programme to be called.
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.
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 `sendemail` and `Blat` (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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