

NAME

Mail::Mailer – send simple emails

INHERITANCE

```
Mail::Mailer
    is an IO::Handle
```

SYNOPSIS

```
use Mail::Mailer;
use Mail::Mailer qw(mail);    # specifies default mailer

$mailer = Mail::Mailer->new;
$mailer = Mail::Mailer->new($type, @args);

$mailer->open(\%headers);
print $mailer $body;
$mailer->close
    or die "couldn't send whole message: $!\n";
```

DESCRIPTION

Sends mail using any of the built-in methods. As TYPE argument to **new()**, you can specify any of

sendmail

Use the sendmail program to deliver the mail.

smtp

Use the smtp protocol via Net::SMTP to deliver the mail. The server to use can be specified in @args with

```
$mailer = Mail::Mailer->new('smtp', Server => $server);
```

The smtp mailer does not handle Cc and Bcc lines, neither their Resent-* fellows. The Debug options enables debugging output from Net::SMTP.

[added 2.21] You may also use the StartTLS => 1 options to upgrade the connection with STARTTLS. You need libnet version 1.28 (2014) for this to work.

You may also use the Auth => [\$user, \$password] option for SASL authentication. To make this work, you have to install the Authen::SASL distribution yourself: it is not automatically installed.

smtps

This option is **deprecated** when you have libnet 1.28 (2014) and above.

Use the smtp over ssl protocol via Net::SMTP::SSL to deliver the mail. Usage is identical to smtp. You have to install Authen::SASL as well.

```
$mailer = Mail::Mailer->new('smtps', Server => $server);
```

qmail

Use qmail's qmail-inject program to deliver the mail.

testfile

Used for debugging, this displays the data to the file named in \$Mail::Mailer::testfile::config{outfile} which defaults to a file named mailer.testfile. No mail is ever sent.

Mail::Mailer will search for executables in the above order. The default mailer will be the first one found.

METHODS

Constructors

Mail::Mailer->**new**(\$type, %options)

The \$type is one of the back-end sender implementations, as described in the DESCRIPTION chapter of this manual page. The %options are passed to that back-end.

\$obj->**open**(HASH)

The HASH consists of key and value pairs, the key being the name of the header field (eg, To), and the value being the corresponding contents of the header field. The value can either be a scalar (eg, gnat@frii.com) or a reference to an array of scalars (eg, ['gnat@frii.com', 'Tim.Bunce@ig.co.uk']).

DETAILS**ENVIRONMENT VARIABLES**

PERL_MAILERS

Augments/override the build in choice for binary used to send out our mail messages.

Format:

```
"type1:mailbinary1;mailbinary2;...:type2:mailbinaryX;...:..."
```

Example: assume you want you use private sendmail binary instead of mailx, one could set PERL_MAILERS to:

```
"mail:/does/not/exists:sendmail:$HOME/test/bin/sendmail"
```

On systems which may include : in file names, use | as separator between type-groups.

```
"mail:c:/does/not/exists|sendmail:$HOME/test/bin/sendmail"
```

BUGS

Mail::Mailer does not help with folding, and does not protect against various web-script hacker attacks, for instance where a new-line is inserted in the content of the field.

SEE ALSO

This module is part of the MailTools distribution, <http://perl.overmeer.net/mailtools/>.

AUTHORS

The MailTools bundle was developed by Graham Barr. Later, Mark Overmeer took over maintenance without commitment to further development.

Mail::Cap by Gisle Aas <aas@oslonett.no>. Mail::Field::AddrList by Peter Orbaek <poe@cit.dk>. Mail::Mailer and Mail::Send by Tim Bunce <Tim.Bunce@ig.co.uk>. For other contributors see ChangeLog.

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