

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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