NAME

Mail::Transport::Sendmail – transmit messages using external Sendmail program

INHERITANCE

```
Mail::Transport::Sendmail
  is a Mail::Transport::Send
  is a Mail::Transport
  is a Mail::Reporter
```

SYNOPSIS

```
my $sender = Mail::Transport::Sendmail->new(...);
$sender->send($message);
```

DESCRIPTION

Implements mail transport using the external 'Sendmail' program. When instantiated, the mailer will look for the binary in specific system directories, and the first version found is taken.

Some people use Postfix as MTA. Postfix can be installed as replacement for Sendmail: is provides a program with the same name and options. So, this module supports postfix as well.

WARNING: When you do bulk email sending with local delivery via Postfix, you can probably better use the SMTP backend to connect to postfix. The sendmail command delivers to maildrop. From maildrop, the pickupd will only sequentially insert messages into cleanup. That process can take considerable elapse time. Directly inserting via smtpd will parallellize the cleanup process.

Extends "DESCRIPTION" in Mail::Transport::Send.

METHODS

Extends "METHODS" in Mail::Transport::Send.

Constructors

Extends "Constructors" in Mail::Transport::Send.

Mail::Transport::Sendmail–>**new**(%options)

```
 -Option            --Defined in      --Default
  executable         Mail::Transport  undef
  hostname           Mail::Transport  'localhost'
  interval           Mail::Transport  30
  log                Mail::Reporter   'WARNINGS'
  password           Mail::Transport  undef
  port               Mail::Transport  undef
  proxy              Mail::Transport  undef
  retry              Mail::Transport  <false>
  sendmail_options                    []
  timeout            Mail::Transport  120
  trace              Mail::Reporter   'WARNINGS'
  username           Mail::Transport  undef
  via                Mail::Transport  'sendmail'
```

executable => FILENAME

hostname => HOSTNAME|ARRAY

interval => SECONDS

log => LEVEL

password => STRING

port => INTEGER

proxy => PATH

retry => NUMBER|undef

sendmail_options => ARRAY

Add to the command-line of the started sendmail MTU a list of separate words. So say ['-f', $file] and not ["-f $file"] , because the latter will be taken by sendmail as one

word only.

```
timeout => SECONDS
trace => LEVEL
username => STRING
via => CLASS|NAME
```

Sending mail

Extends ''Sending mail'' in Mail::Transport::Send.

$obj−>**destinations**($message, [$address|ARRAY])
    Inherited, see ''Sending mail'' in Mail::Transport::Send

$obj−>**putContent**($message, $fh, %options)
    Inherited, see ''Sending mail'' in Mail::Transport::Send

$obj−>**send**($message, %options)
    Inherited, see ''Sending mail'' in Mail::Transport::Send

$obj−>**trySend**($message, %options)
```
 -Option          --Default
  sendmail_options  undef
```

    sendmail_options => ARRAY

Server connection

Extends ''Server connection'' in Mail::Transport::Send.

$obj−>**findBinary**($name, [@directories])
    Inherited, see ''Server connection'' in Mail::Transport

$obj−>**remoteHost**()
    Inherited, see ''Server connection'' in Mail::Transport

$obj−>**retry**()
    Inherited, see ''Server connection'' in Mail::Transport

Error handling

Extends ''Error handling'' in Mail::Transport::Send.

$obj−>**AUTOLOAD**()
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**addReport**($object)
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**defaultTrace**([$level]|[$loglevel, $tracelevel]|[$level, $callback])
Mail::Transport::Sendmail−>**defaultTrace**([$level]|[$loglevel, $tracelevel]|[$level, $callback])
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**errors**()
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**log**([$level, [$strings]])
Mail::Transport::Sendmail−>**log**([$level, [$strings]])
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**logPriority**($level)
Mail::Transport::Sendmail−>**logPriority**($level)
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**logSettings**()
    Inherited, see ''Error handling'' in Mail::Reporter

$obj−>**notImplemented**()
>   Inherited, see "Error handling" in Mail::Reporter

$obj−>**report**([$level])
>   Inherited, see "Error handling" in Mail::Reporter

$obj−>**reportAll**([$level])
>   Inherited, see "Error handling" in Mail::Reporter

$obj−>**trace**([$level])
>   Inherited, see "Error handling" in Mail::Reporter

$obj−>**warnings**()
>   Inherited, see "Error handling" in Mail::Reporter

Cleanup
Extends "Cleanup" in Mail::Transport::Send.

$obj−>**DESTROY**()
>   Inherited, see "Cleanup" in Mail::Reporter

DIAGNOSTICS

Error: Errors when closing sendmail mailer $program: $!
>   The was no problem starting the sendmail mail transfer agent, but for some specific reason the message could not be handled correctly.

Warning: Message has no destination
>   It was not possible to figure-out where the message is intended to go to.

Error: Package $package does not implement $method.
>   Fatal error: the specific package (or one of its superclasses) does not implement this method where it should. This message means that some other related classes do implement this method however the class at hand does not. Probably you should investigate this and probably inform the author of the package.

Warning: Resent group does not specify a destination
>   The message which is sent is the result of a bounce (for instance created with **Mail::Message::bounce**()), and therefore starts with a Received header field. With the bounce, the new destination(s) of the message are given, which should be included as Resent-To, Resent-Cc, and Resent-Bcc.
>
>   The To, Cc, and Bcc header information is only used if no Received was found. That seems to be the best explanation of the RFC.
>
>   As alternative, you may also specify the to option to some of the senders (for instance Mail::Transport::SMTP::send(to) to overrule any information found in the message itself about the destination.

SEE ALSO
This module is part of Mail-Transport distribution version 3.005, built on July 22, 2020. Website: *http://perl.overmeer.net/CPAN/*

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