

**NAME**

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

**INHERITANCE**

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

**SYNOPSIS**

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

**DESCRIPTION**

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

Extends “DESCRIPTION” in Mail::Transport::Send.

**METHODS**

Extends “METHODS” in Mail::Transport::Send.

**Constructors**

Extends “Constructors” in Mail::Transport::Send.

Mail::Transport::Exim->**new**(%options)

If you have Exim installed in a non-standard location, you will need to specify the path, using new(proxy).

-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>
timeout	Mail::Transport	120
trace	Mail::Reporter	'WARNINGS'
username	Mail::Transport	undef
via	Mail::Transport	'exim'

executable => FILENAME

hostname => HOSTNAME|ARRAY

interval => SECONDS

log => LEVEL

password => STRING

port => INTEGER

proxy => PATH

retry => NUMBER|undef

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)`

### 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, $callback] )`  
`Mail::Transport::Exim->defaultTrace( [$level][[$loglevel, $tracelevel]][$level, $callback] )`  
 Inherited, see “Error handling” in Mail::Reporter

`$obj->errors()`  
 Inherited, see “Error handling” in Mail::Reporter

`$obj->log( [$level, [$strings]] )`  
`Mail::Transport::Exim->log( [$level, [$strings]] )`  
 Inherited, see “Error handling” in Mail::Reporter

`$obj->logPriority($level)`  
`Mail::Transport::Exim->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 Exim mailer `$program`: `!`

The Exim mail transfer agent did start, but was not able to handle the message 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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