

NAME

Mail::Message::TransferEnc::QuotedPrint – handle quoted–printable message bodies

INHERITANCE

```
Mail::Message::TransferEnc::QuotedPrint
  is a Mail::Message::TransferEnc
  is a Mail::Reporter
```

SYNOPSIS

```
my Mail::Message $msg = ...;
my $decoded = $msg->decoded;
my $encoded = $msg->encode(transfer => 'quoted-printable');
```

DESCRIPTION

Encode and decode message bodies for quoted-printable transfer encoding. The Quoted-Printable encoding is intended to represent data that largely consists of bytes that correspond to printable characters in the ASCII character set. Non-printable characters (as defined by English Americans) are represented by a triplet consisting of the character “=” followed by two hexadecimal digits.

Extends “DESCRIPTION” in Mail::Message::TransferEnc.

METHODS

Extends “METHODS” in Mail::Message::TransferEnc.

Constructors

Extends “Constructors” in Mail::Message::TransferEnc.

Mail::Message::TransferEnc::QuotedPrint->**new**(%options)
Inherited, see “Constructors” in Mail::Reporter

The Encoder

Extends “The Encoder” in Mail::Message::TransferEnc.

Mail::Message::TransferEnc::QuotedPrint->**addTransferEncoder**(\$type, \$class)
Inherited, see “The Encoder” in Mail::Message::TransferEnc

\$obj->**create**(\$type, %options)
Inherited, see “The Encoder” in Mail::Message::TransferEnc

\$obj->**name**()
Inherited, see “The Encoder” in Mail::Message::TransferEnc

Encoding

Extends “Encoding” in Mail::Message::TransferEnc.

\$obj->**check**(\$body, %options)
Inherited, see “Encoding” in Mail::Message::TransferEnc

\$obj->**decode**(\$body, %options)
Decoding is tricky, and not without loss of information. Lines will stay separate lines, although they might have been joined before the encoding split them up. Characters which are not printable will be replaced by their octal value, and carriage returns ('=0D') at end of line are removed.

-Option	--Defined in	--Default
result_type	Mail::Message::TransferEnc	<type of source body>

result_type => CLASS

\$obj->**encode**(\$body, %options)

Encoding to quoted-printable is a careful process: All characters outside the normal printing range, and including '=' are encoded. They are translated into a '=' followed by a two digit hex of the ascii value of the character. The same treatment is for white-spaces at the end of a line.

The lines which are constructed which must be 76 characters max, not broken on encoded characters.

```

--Option      --Defined in      --Default
result_type  Mail::Message::TransferEnc  <type of source body>

result_type => CLASS

```

Error handling

Extends “Error handling” in Mail::Message::TransferEnc.

`$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::Message::TransferEnc::QuotedPrint->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::Message::TransferEnc::QuotedPrint->log([$level, [$strings]])`

Inherited, see “Error handling” in Mail::Reporter

`$obj->logPriority($level)`

`Mail::Message::TransferEnc::QuotedPrint->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::Message::TransferEnc.

`$obj->DESTROY()`

Inherited, see “Cleanup” in Mail::Reporter

DIAGNOSTICS

Error: Decoder for transfer encoding `$type` does not work: `$@`

Compiling the required transfer encoding resulted in errors, which means that the decoder can not be used.

Warning: No decoder for transfer encoding `$type`.

A decoder for the specified type of transfer encoding is not implemented.

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.

SEE ALSO

This module is part of Mail-Message distribution version 3.012, built on February 11, 2022. Website:
<http://perl.overmeer.net/CPAN/>

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