

NAME

Mail::Message::Convert – conversions between message types

INHERITANCE

Mail::Message::Convert
is a Mail::Reporter

Mail::Message::Convert is extended by
Mail::Message::Convert::EmailSimple
Mail::Message::Convert::Html
Mail::Message::Convert::HtmlFormatPS
Mail::Message::Convert::HtmlFormatText
Mail::Message::Convert::MailInternet
Mail::Message::Convert::MimeEntity
Mail::Message::Convert::TextAutoformat

SYNOPSIS

Available methods are very converter-specific.

DESCRIPTION

This class is the base for various message (and message parts) converters.

Extends “DESCRIPTION” in Mail::Reporter.

Converters between message objects

Internally, the **Mail::Message::coerce()** is called when foreign objects are used where message objects are expected. That method will automatically create the converting objects, and re-use them.

- Mail::Message::Convert::MailInternet
Converts the simple Mail::Internet messages into Mail::Message objects.
- Mail::Message::Convert::MimeEntity
Converts the more complicated MIME::Entity messages into Mail::Message objects.
- Mail::Message::Convert::EmailSimple
Converts Email::Simple messages into Mail::Message objects.

Other converters

- Mail::Message::Convert::Html
Plays tricks with HTML/XMLHTML without help of external modules.
- Mail::Message::Convert::HtmlFormatText
Converts HTML body objects to plain text objects using the HTML::FormatText module.
- Mail::Message::Convert::HtmlFormatPS
Converts HTML body objects to Postscript objects using the HTML::FormatPS module.
- Mail::Message::Convert::TextAutoformat
Converts a text message into text using Text::Autoformat.

METHODS

Extends “METHODS” in Mail::Reporter.

Constructors

Extends “Constructors” in Mail::Reporter.

Mail::Message::Convert->**new**(%options)

	-Option--Defined in	--Default
fields		<see description>
log	Mail::Reporter	'WARNINGS'
trace	Mail::Reporter	'WARNINGS'

fields => NAMES|ARRAY-OF-NAMES|REGEXS

Select the fields of a header which are to be handled. Other fields will not be used. The value of this option is passed to **Mail::Message::Head::Complete::grepNames()** whenever converters feel a need for header line selection. By default, the To, From, Cc, Bcc, Date, Subject, and their Resent- counterparts will be selected. Specify an empty list to get all fields.

log => LEVEL

trace => LEVEL

Converting

`$obj->selectedFields($head)`

Returns a list of fields to be included in the format. The list is an ordered selection of the fields in the actual header, and filtered through the information as specified with `new(fields)`.

Error handling

Extends “Error handling” in Mail::Reporter.

`$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::Convert->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::Convert->log([$level, [$strings]])`

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

`$obj->logPriority($level)`

`Mail::Message::Convert->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::Reporter.

`$obj->DESTROY()`

Inherited, see “Cleanup” in Mail::Reporter

DIAGNOSTICS

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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