NAME

Mail::Message::Body::Lines – body of a Mail::Message stored as array of lines

INHERITANCE

```
Mail::Message::Body::Lines
   is a Mail::Message::Body
   is a Mail::Reporter
```

SYNOPSIS

```
See Mail::Message::Body
```

DESCRIPTION

The body (content) of a message can be stored in various ways. In this documentation you find the description of extra functionality you have when a message is stored in an array of lines.

Storing a whole message as an array of lines is useful when the data is not encoded, and you want to process it on a line-by-line basis (a common practice for inspecting message bodies).

Extends ''DESCRIPTION'' in Mail::Message::Body.

OVERLOADED

Extends ''OVERLOADED'' in Mail::Message::Body.

overload: **''''**
> Inherited, see ''OVERLOADED'' in Mail::Message::Body

overload: **'==' and '!='**
> Inherited, see ''OVERLOADED'' in Mail::Message::Body

overload: **@{}**
> Inherited, see ''OVERLOADED'' in Mail::Message::Body

overload: **bool**
> Inherited, see ''OVERLOADED'' in Mail::Message::Body

METHODS

Extends ''METHODS'' in Mail::Message::Body.

Constructors

Extends ''Constructors'' in Mail::Message::Body.

$obj−>**clone**()
> Inherited, see ''Constructors'' in Mail::Message::Body

Mail::Message::Body::Lines−>**new**(%options)

```
 -Option            --Defined in         --Default
 based_on             Mail::Message::Body  undef
 charset              Mail::Message::Body  'PERL' or <undef>
 checked              Mail::Message::Body  <false>
 content_id           Mail::Message::Body  undef
 data                 Mail::Message::Body  undef
 description          Mail::Message::Body  undef
 disposition          Mail::Message::Body  undef
 eol                  Mail::Message::Body  'NATIVE'
 file                 Mail::Message::Body  undef
 filename             Mail::Message::Body  undef
 log                  Mail::Reporter       'WARNINGS'
 message              Mail::Message::Body  undef
 mime_type            Mail::Message::Body  'text/plain'
 modified             Mail::Message::Body  <false>
 trace                Mail::Reporter       'WARNINGS'
 transfer_encoding    Mail::Message::Body  'none'
```

```
based_on => BODY
charset => CHARSET|'PERL'
checked => BOOLEAN
content_id => STRING
data => ARRAY-OF-LINES | STRING
description => STRING|FIELD
disposition => STRING|FIELD
eol => 'CR'|'LF'|'CRLF'|'NATIVE'
file => FILENAME|FILEHANDLE|IOHANDLE
filename => FILENAME
log => LEVEL
message => MESSAGE
mime_type => STRING|FIELD|MIME
modified => BOOLEAN
trace => LEVEL
transfer_encoding => STRING|FIELD
```

Constructing a body

Extends ''Constructing a body'' in Mail::Message::Body.

$obj−>**attach**($messages, `%options`)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Construct

$obj−>**check**()
Inherited, see ''Constructing a body'' in Mail::Message::Body::Encode

$obj−>**concatenate**($components)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Construct

$obj−>**decoded**(%options)
Inherited, see ''Constructing a body'' in Mail::Message::Body

$obj−>**encode**(%options)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Encode

$obj−>**encoded**()
Inherited, see ''Constructing a body'' in Mail::Message::Body::Encode

$obj−>**eol**(['CR'|'LF'|'CRLF'|'NATIVE'])
Inherited, see ''Constructing a body'' in Mail::Message::Body

$obj−>**foreachLine**(CODE)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Construct

$obj−>**stripSignature**(%options)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Construct

$obj−>**unify**($body)
Inherited, see ''Constructing a body'' in Mail::Message::Body::Encode

The body

Extends ''The body'' in Mail::Message::Body.

$obj−>**isDelayed**()
Inherited, see ''The body'' in Mail::Message::Body

$obj−>**isMultipart**()
Inherited, see ''The body'' in Mail::Message::Body

$obj−>**isNested**()
Inherited, see ''The body'' in Mail::Message::Body

$obj−>**message**([$message])
    Inherited, see "The body" in Mail::Message::Body

$obj−>**partNumberOf**($part)
    Inherited, see "The body" in Mail::Message::Body

About the payload
    Extends "About the payload" in Mail::Message::Body.

$obj−>**charset**()
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**checked**([BOOLEAN])
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**contentId**([STRING|$field])
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**description**([STRING|$field])
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**disposition**([STRING|$field])
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**dispositionFilename**([$directory])
    Inherited, see "About the payload" in Mail::Message::Body::Encode

$obj−>**isBinary**()
    Inherited, see "About the payload" in Mail::Message::Body::Encode

$obj−>**isText**()
    Inherited, see "About the payload" in Mail::Message::Body::Encode

$obj−>**mimeType**()
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**nrLines**()
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**size**()
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**transferEncoding**([STRING|$field])
    Inherited, see "About the payload" in Mail::Message::Body

$obj−>**type**([STRING|$field])
    Inherited, see "About the payload" in Mail::Message::Body

Access to the payload
    Extends "Access to the payload" in Mail::Message::Body.

$obj−>**endsOnNewline**()
    Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**file**()
    Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**lines**()
    Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**print**([$fh])
    Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**printEscapedFrom**($fh)
    Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**string**()
  Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**stripTrailingNewline**()
  Inherited, see "Access to the payload" in Mail::Message::Body

$obj−>**write**(%options)
  Inherited, see "Access to the payload" in Mail::Message::Body

Internals
Extends "Internals" in Mail::Message::Body.

$obj−>**addTransferEncHandler**($name, <$class|$object>)
Mail::Message::Body::Lines−>**addTransferEncHandler**($name, <$class|$object>)
  Inherited, see "Internals" in Mail::Message::Body::Encode

$obj−>**contentInfoFrom**($head)
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**contentInfoTo**($head)
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**fileLocation**([$begin, $end])
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**getTransferEncHandler**($type)
  Inherited, see "Internals" in Mail::Message::Body::Encode

$obj−>**isModified**()
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**load**()
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**modified**([BOOLEAN])
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**moveLocation**([$distance])
  Inherited, see "Internals" in Mail::Message::Body

$obj−>**read**($parser, $head, $bodytype, [$chars, [$lines]])
  Inherited, see "Internals" in Mail::Message::Body

Error handling
Extends "Error handling" in Mail::Message::Body.

$obj−>**AUTOLOAD**()
  Inherited, see "Error handling" in Mail::Message::Body

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

$obj−>**defaultTrace**([$level]|[$loglevel, $tracelevel]|[$level, $callback])
Mail::Message::Body::Lines−>**defaultTrace**([$level]|[$loglevel, $tracelevel]|[$level, $callback])
  Inherited, see "Error handling" in Mail::Reporter

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

$obj−>**log**([$level, [$strings]])
Mail::Message::Body::Lines−>**log**([$level, [$strings]])
  Inherited, see "Error handling" in Mail::Reporter

$obj−>**logPriority**($level)

Mail::Message::Body::Lines−>**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::Body.

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

DETAILS
>   Extends "DETAILS" in Mail::Message::Body.

DIAGNOSTICS
Warning: Charset $name is not known
>   The encoding or decoding of a message body encounters a character set which is not understood by Perl's Encode module.

Warning: No decoder defined for transfer encoding $name.
>   The data (message body) is encoded in a way which is not currently understood, therefore no decoding (or recoding) can take place.

Warning: No encoder defined for transfer encoding $name.
>   The data (message body) has been decoded, but the required encoding is unknown. The decoded data is returned.

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.

Error: Unable to read file $filename for message body lines: $!
>   A Mail::Message::Body::Lines object is to be created from a named file, but it is impossible to read that file to retrieve the lines within.

Warning: Unknown line terminator $eol ignored

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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