

NAME

Mail::Field::AddrList – object representation of e-mail address lists

INHERITANCE

```
Mail::Field::AddrList
    is a Mail::Field
```

SYNOPSIS

```
use Mail::Field::AddrList;

$to    = Mail::Field->new('To');
$from  = Mail::Field->new('From', 'poe@daimi.aau.dk (Peter Orbaek)');

$from->create('foo@bar.com' => 'Mr. Foo', poe => 'Peter');
$from->parse('foo@bar.com (Mr Foo), Peter Orbaek <poe>');

# make a RFC822 header string
print $from->stringify(), "\n";

# extract e-mail addresses and names
@addresses = $from->addresses(); # strings
@names     = $from->names();     # strings
@addr      = $from->addr_list(); # Mail::Address objects (v2.00)

# adjoin a new address to the list
$from->set_address('foo@bar.com', 'Mr. Foo');
```

DESCRIPTION

Defines parsing and formatting of address field, for the following fields: To, From, Cc, Reply-To, and Sender.

All the normally used features of the address field specification of RFC2822 are implemented, but some complex (and therefore hardly ever used) constructs will not be understood. Use Mail::Message::Field::Full in MailBox if you need full RFC compliance.

Extends “DESCRIPTION” in Mail::Field.

METHODS

Extends “METHODS” in Mail::Field.

Constructors

Extends “Constructors” in Mail::Field.

Mail::Field::AddrList->**combine**(\$fields)

Inherited, see “Constructors” in Mail::Field

Mail::Field::AddrList->**extract**(\$tag, \$head [, \$index])

Inherited, see “Constructors” in Mail::Field

Mail::Field::AddrList->**new**(\$tag [, STRING | %options])

Inherited, see “Constructors” in Mail::Field

“Fake” constructors

Extends “Fake” constructors in Mail::Field.

\$obj->**create**(%options)

Inherited, see “Fake” constructors in Mail::Field

\$obj->**parse**()

Inherited, see “Fake” constructors in Mail::Field

Accessors

Extends “Accessors” in Mail::Field.

`$obj->set(%options)`

Inherited, see “Accessors” in Mail::Field

`$obj->stringify()`

Inherited, see “Accessors” in Mail::Field

`$obj->tag()`

`Mail::Field::AddrList->tag()`

Inherited, see “Accessors” in Mail::Field

Smart accessors

Extends “Smart accessors” in Mail::Field.

`$obj->addr_list()`

Returns the collected Mail::Address objects.

`$obj->addresses()`

Returns a list of email addresses, found in the field content.

`$obj->names()`

Returns a list of nicely formatted names, for each of the addresses found in the content.

`$obj->set_address($email, $name)`

Add/replace an `$email` address to the field.

`$obj->text([STRING])`

Inherited, see “Smart accessors” in Mail::Field

DETAILS

Extends “DETAILS” in Mail::Field.

DIAGNOSTICS

Error: Undefined subroutine <method> called

Mail::Field objects use autoloading to compile new functionality. Apparently, the method called is not implemented for the specific class of the field object.

SEE ALSO

This module is part of the MailTools distribution, <http://perl.overmeer.net/mailtools/>.

AUTHORS

The MailTools bundle was developed by Graham Barr. Later, Mark Overmeer took over maintenance without commitment to further development.

Mail::Cap by Gisle Aas <aas@oslonett.no>. Mail::Field::AddrList by Peter Orbaek <poe@cit.dk>. Mail::Mailer and Mail::Send by Tim Bunce <Tim.Bunce@ig.co.uk>. For other contributors see ChangeLog.

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