

NAME

Mail::Filter – filter mail through multiple subroutines

SYNOPSIS

```
use Mail::Filter;

my $filter = Mail::Filter->new( \&filter1, \&filter2 );

my $mail    = Mail::Internet->new( [<>] );
my $mail    = $filter->filter($mail);

my $folder  = Mail::Folder->new( .... );
my $filter->filter($folder);
```

DESCRIPTION

`Mail::Filter` provides an interface to filtering Email through multiple subroutines.

`Mail::Filter` filters mail by calling each filter subroutine in turn. Each filter subroutine is called with two arguments, the first is the filter object and the second is the mail or folder object being filtered.

The result from each filter sub is passed to the next filter as the mail object. If a filter subroutine returns `undef`, then `Mail::Filter` will abort and return immediately.

The function returns the result from the last subroutine to operate on the mail object.

METHODS**Constructors**

`Mail::Filter->new(@filters)`

Create a new `Mail::Filter` object with the given filter subroutines. Each filter may be either a code reference or the name of a method to call on the `<Mail::Filter>` object.

Accessors

`$obj->add(@filters)`

Add the given `@filters` to the end of the filter list.

Processing

`$obj->filter($mail|$folder)`

If the first argument is a `Mail::Internet` object, then this object will be passed through the filter list. If the first argument is a `Mail::Folder` object, then each message in turn will be passed through the filter list.

`$obj->folder()`

While the `filter()` method is called with a `Mail::Folder` object, these filter subroutines can call this method to obtain the folder object that is being processed.

`$obj->msgnum()`

If the `filter()` method is called with a `Mail::Folder` object, then the filter subroutines may call this method to obtain the message number of the message that is being processed.

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`.

LICENSE

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