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x Internals: Message.pm

This module provides objects to encapsulate file message in order to prevent it from its alteration for using signatures.

new()

Creates an object Message and initialize it:

- `msg`: ref(MIME::Entity)
- `altered` *if the message is altered*
- `filename`: the file containing the message
- `size`: the message size
- `sender`: the first email address, in the 'From' field
- `decoded_subject`: the 'Subject' field decoded by MIME::Words::decode_mimewords
- `subject_charset`: the charset used to encode the 'Subject' field
- `rcpt`: the 'X-Sympa-To' field
- `list`: ref(List) *if it is a message no addressed to Sympa or a listmaster*
- `topic`: the 'X-Sympa-Topic' field.
- *in a 'openssl' context - decrypt message:*
 - `smime_crypted`: 'smime_crypted' *if it is in a 'openssl' context*
 - `orig_msg`: ref(MIME::Entity) - crypted message
 - `msg`: ref(MIME::Entity) - decrypted message (see tools::smime_decrypt())
 - `msg_as_string`: string - decrypted message (see tools::smime_decrypt())
- *in a 'openssl' context - check signature:*
 - `protected`: 1 *if the message should not be altered*
 - `smime_signed`: 1 *if the message is signed*
 - `smime_subject`: ref(HASH)*if the message is signed* - information on the signer see tools::smime_parse_cert().

IN:

1. `pkg(+)`: Message
2. `file(+)`: the message file

OUT: ref(Message) undef

dump()

Dump the message object in the file descriptor \$output

IN:

1. `self(+)`: ref(Message)
2. `output(+)`: file descriptor

OUT: '1'

add_topic()

Adds the message topic in the Message object ('topic' and adds the 'X-Sympa-Topic' field in the ref(MIME::Entity) msg'.

IN:

1. self(+): ref(Message)
2. topic(+): string splitted by ',' - list of topic

OUT: '1'

get_topic()

Returns the topic(s) of the message

IN: self(+): ref(Message)

OUT: *if no message topic | string splitted by ',' if message topic N.B.: **
*(+): required parameter, value must not be empty *: or" for parameters value*

- \$: reference to code parameters or variables
- *condition for parameter*

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