

## **Wikiprint Book**

**Title: Documentation/ARexxAPI/MAILINFO**

**Subject: YAM - Yet Another Mailer - Documentation/ARexxAPI/MAILINFO**

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**Languages:**

- **English**
- [Español](#)

**MAILINFO****NAME**

MailInfo -- Return information about a message. (V2.0)

**TEMPLATE**

VAR/K,STEM/K,INDEX/N

**FUNCTION**

Returns information about a message in the list, or the current message if none is specified.

**INPUTS**

VAR/K - alternative variable to put the results into instead of RESULT

STEM/K - base name used for the stems where the returned data will be stored

INDEX/N - position of the message you want info about, the message at the top of the list occupying position 0; if no index is specified, the current message will be used

**RETURNS**

VAR - info returned by the query

<STEM>INDEX - position of the message in the list; the message at the top occupies position 0

<STEM>STATUS - status of the message; possible values are:

- N - new
- O - read
- U - unread
- R - replied
- F - forwarded
- S - sent
- W - pending
- H - hold
- E - error sending

<STEM>FROM - sender of the message; specifically, the first sender noted in the "From:" header

<STEM>TO - recipient of the message; actually, the first recipient noted in the "To:" header

<STEM>REPLYTO - return address of the message; this will be either the first recipient in the "Reply-To:" header, or the first sender in the "From:" header if no "Reply-To:" header exists

<STEM>CC - first entry in the CC: field, if any

<STEM>BCC - first entry in the BCC: field, if any

<STEM>RESENTTO - first entry in the ResentTo: field, if any

<STEM>SUBJECT - subject of the message (contents of the "Subject:" header)

<STEM>FILENAME - filename where the message is stored, including path

<STEM>SIZE - size of the message, in bytes

<STEM>DATE - date of the message, in "MM-DD-YY HH:MM:SS" format

<STEM>FLAGS - a 9 byte string in "MARCS-77M" format:

```
MARCS-77M
||||| |||
||||| |||\`----- 'M'arked flag (V2.4)
||||| |\`----- volatile flag (see SETFLAG)
||||| \`----- permanent flag (see SETFLAG)
|||||\`----- PGP 'S'igned
|||\`----- PGP en'C'rypted
||\`----- status 'R'eport
|\`----- contains 'A'ttachments
\`----- 'M'ultiple recipients
```

<STEM>MSGID - compressed hexadecimal 32 bit representation of the "Message-ID:" header contents, e.g. BBC62595 (V2.1)

<STEM>FROMALL - all entries from the From: field, the first entry will be the same as for FROM

<STEM>TOALL - all entries from the To: field, the first entry will be the same as for TO

<STEM>REPLYTOALL - all entries from the ReplyTo: field, the first entry will be the same as for REPLYTO  
 <STEM>CCALL - all entries from the CC: field, the first entry will be the same as for CC  
 <STEM>BCCALL - all entries from the BCC: field, the first entry will be the same as for BCC  
 <STEM>RESENTTOALL - all entries from the ResentTo: field, the first entry will be the same as for RESENTTO

RC is set to 10 if INDEX is out of the range of messages available in the folder.

## NOTES

Starting with V2.4, <STEM>MSGID returns a hexadecimal value.

Starting with V2.6, the "ALL" variables will return all addresses/names from the corresponding header field.

## EXAMPLE

```
/* Enable result codes */
OPTIONS RESULTS

/* Get info about the current message */
MAILINFO STEM st.

/* Only continue if RC == 0 */
IF RC ~= 0 THEN EXIT

/* Display results */
SAY 'Message:      'st.index
status = st.status
SELECT
  WHEN status = 'N' THEN status = 'New'
  WHEN status = 'O' THEN status = 'Read'
  WHEN status = 'U' THEN status = 'Unread'
  WHEN status = 'R' THEN status = 'Replied'
  WHEN status = 'F' THEN status = 'Forwarded'
  WHEN status = 'S' THEN status = 'Sent'
  WHEN status = 'W' THEN status = 'Pending'
  WHEN status = 'H' THEN status = 'Hold'
  OTHERWISE status = 'Error sending'
END
SAY 'Status:      'status
SAY 'From:        'st.from
SAY 'To:          'st.to
DO i = 0 TO info.TOALL.COUNT-1
  SAY 'To:          'st.TOALL.i
END
SAY 'Reply-To:    'st.replyto
SAY 'Subject:     'st.subject
SAY 'Filename:    'st.filename
SAY 'Size:        'st.size
SAY 'Date:        'st.date
SAY 'Flags:       'st.flags
SAY 'Message-ID: 'st.msgid
```

## BUGS

In V2.3p1, <STEM>FILENAME omitted the folder name part if an INDEX was specified. Fixed in V2.4.

## SEE ALSO

[SETFLAG](#)