

# 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 Signed  
 |||^----- PGP enCrypted  
 ||^----- status Report  
 |^----- contains Attachments  
 `----- Multiple 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 an 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.
```

```
/* 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 ?