

MAPISaveMail Function

Description

Updates or creates a MAPI message.

Syntax

```
status = MAPISaveMail([session][, parent][, id][, flags], message)
```

Parameters

The MAPISaveMail function has the following parameters.

| Parameter | Description |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>session</i> | Contains a MAPI session handle returned by MAPILogon. If not specified and if a new message is to be created a system default session will be initiated, if possible, or a sign-in dialog box will be displayed. In any case, MAPI will return to its previous state upon completion of the function. |
| <i>parent</i> | Contains the name of an OpenInsight parent window. If not specified any dialog box displayed will be application modal. |
| <i>id</i> | Contains the id of the message which is to be updated or which has been created. To update an existing message specify a valid session handle returned from MAPILogon and the message's id. To create a new message the session handle is optional and a message id should not be specified on input. |
| <i>flags</i> | Contains information about session initiation. It could be MAPI_LOGON_UI\$, MAPI_NEW_SESSION\$, or a combination of these flags. <ul style="list-style-type: none">MAPI_LOGON_UI\$ indicates that MAPI should display a sign-in dialog box, if necessary. If the session parameter is specified this flag is ignored.MAPI_NEW_SESSION\$ indicates that MAPI should establish a new session and not attempt to share another MAPI client's session or the default session. If the session parameter is specified this flag is ignored. The insert record MAPI_EQUATES contains these flags. You may combine flags by adding them together with an addition sign (+). |
| <i>message</i> | Contains the record for the message which is to be saved. The message record structure is detailed in the following table. The from field and the MAPI_SENT\$ flag are ignored when saving a message. |

After the function completes successfully the id parameter will contain the identifier of the updated or newly created message.

Use the [MAPI_EQUATES](#) insert record for access to the values in the following table.

| Column position | Name | Purpose |
|-----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>subject</i> | The subject of the message. |
| 2 | <i>from</i> | The sender of the message. |
| 3 | <i>to</i> | @VM-delimited list of the message's To: recipients. |
| 4 | <i>cc</i> | @VM-delimited list of the message's CC: recipients. |
| 5 | <i>bcc</i> | @VM-delimited list of the message's BCC: recipients. |
| 6 | <i>date</i> | The date the message was received. |
| 7 | <i>text</i> | The text of the message. |
| 8 | <i>type'</i> | The type of the message. |
| 9 | <i>flags</i> | The attributes of the message. It could be MAPI_UNREAD\$, MAPI_RECEIPT_REQUESTED\$, MAPI_SENT\$, or a combination of these flags. <ul style="list-style-type: none">MAPI_UNREAD\$ indicates that the message has not been read.MAPI_RECEIPT_REQUESTED\$ indicates that the sender should be notified when the message is received.MAPI_SENT\$ indicates that the message has been sent. The insert record MAPI_EQUATES contains these flags. You may combine flags by adding them together with an addition sign (+). |
| 10 | <i>files</i> | @VM-delimited list of the names of files to be attached to the message. |

| | | |
|----|------------------|---------------------------------------------------------------------------------------------|
| 11 | <i>paths</i> | @VM-delimited list of the paths to files to be attached to the message. |
| 12 | <i>positions</i> | @VM-delimited list of the positions within the text of files to be attached to the message. |

Returns

1 for successful execution or 0 for failure.

If function execution fails, you can retrieve a text error message by calling the `Get_Status` function. For example, to display an error message on the screen, include the following error handling routine in your code:

```
Get_Status(ErrMsg)
```

```
Msg(@window, ErrMsg)
```

See also

[Get_Status\(\)](#), [MAPILogon\(\)](#), [MAPIOpenMail\(\)](#)

Example

```
Subroutine DemoMAPISaveMail(var)
*      Create a new message and save it in the outbox
$INSERT MAPI_EQUATES
Declare Function MAPISaveMail
Declare Subroutine Msg, Get_Status
flags   = MAPI_LOGON_UI$
id      = ""
message = ""
message<POS_SUBJECT$> = "MAPI Demo"
message<POS_FROM$    > = "Trudy Jones"
message<POS_TO$      > = "Alice Smith"
message<POS_TEXT$    > = "This is a test of the emergency..."
message<POS_TYPE$    > = "IPM.Outbox"
message<POS_FLAGS$   > = MAPI_RECEIPT_REQUESTED$
if MAPISaveMail(0, 0, id, flags, message) then
    Msg(@window, "Message successfully saved")
end else
    Get_Status(display)
    Msg(@window, display)
end
return
```