

# MAPISendMail Function

## Description

Sends a MAPI message.

## Syntax

*status* = **MAPISendMail**(*[session]*, *[parent]*, *[flags]*, *message*)

## Parameters

The MAPISendMail function has the following parameters.

Parameter	Description
<i>session</i>	Contains a MAPI session handle returned by MAPILogon. If not specified 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>flags</i>	<p>Contains information about how the message should be sent. It could be MAPI_LOGON_UI\$, MAPI_NEW_SESSION\$, MAPI_DIALOG\$, or a combination of these flags.</p> <ul style="list-style-type: none"><li>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.</li><li>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.</li><li>MAPI_DIALOG\$ indicates that the send message dialog box should be displayed.</li></ul> <p>The insert record <a href="#">MAPI_EQUATES</a> contains these flags. You may combine flags by adding them together with an addition sign (+).</p>
<i>message</i>	Contains the record for the message which is to be sent. The message record structure is detailed in the following table. The from and date fields and the MAPI_UNREAD\$ and MAPI_SENT\$ flags are ignored when sending a message.

After the function completes successfully the message will be delivered to the recipients listed in the given message record or selected through the send message dialog.

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>	<p>The attributes of the message. It could be MAPI_UNREAD\$, MAPI_RECEIPT_REQUESTED\$, MAPI_SENT\$, or a combination of these flags.</p> <ul style="list-style-type: none"><li>MAPI_UNREAD\$ indicates that the message has not been read.</li><li>MAPI_RECEIPT_REQUESTED\$ indicates that the sender should be notified when the message is received.</li><li>MAPI_SENT\$ indicates that the message has been sent.</li></ul> <p>The insert record <a href="#">MAPI_EQUATES</a> contains these flags. You may combine flags by adding them together with an addition sign (+).</p>
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.
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## 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\(\)](#), [MAPISendDocuments\(\)](#)

## Example

```
Subroutine DemoMAPISendMail(var)
*Create a new message and send it to Alice
$INSERT MAPI_EQUATES
Declare Function MAPISendMail
Declare Subroutine Msg, Get_Status
flags = MAPI_LOGON_UI$+MAPI_DIALOG$
message = ""
message<POS_SUBJECT$> = "MAPI Demo"
message<POS_TO$> = "Alice Smith"
message<POS_TEXT$> = "This is a test of the emergency..."
message<POS_FLAGS$> = MAPI_RECEIPT_REQUESTED$
if MAPISendMail(0, 0, flags, message) then
    Msg(@window, "Message successfully sent")
end else
    Get_Status(display)
    Msg(@window, display)
end
return
```