

MailEnable AJAX/HTTPRequest Reference Version 3.0

MailEnable Messaging Services
for Microsoft Windows NT/2000/2003



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1 Introduction

This document outlines the MailEnable's AJAX Application Programming Interface (API). The API is typically called by AJAX clients and the results are returned to the clients as XML.

This API provides a very powerful means of accessing information from the MailEnable message store and making it available to other applications.

2 Framework

Using the AJAX API, you can simply call methods by their name and pass parameters. The results are returned back as XML that can then be parsed via client scripting and applied to the body of the web page.

For example, you can use this API to develop a web extension to MailEnable that lists the contents of a mailbox onto a web page.

2.1 AJAX Implementation

The example below shows the code that will do this:

2.1.1.1 Sample: AJAXLIB.HTML

```
<HTML>
<HEAD>
<SCRIPT type="text/javascript" language="javascript" src="/MEWebMail/HooDoo/lang/en/Scripts/LIBAJax.js"></SCRIPT>
</HEAD>
<SCRIPT LANGUAGE="JAVASCRIPT">
function DoAJAX()
{
var oAJAXHandler = new AJAXHandler();
oAJAXHandler._AJAXRequest("LOGIN","", false,null);
oAJAXHandler._AJAXRequest("LIST-MESSAGES", "/Inbox", false, null);

function ProcessXMLResult(responseXML)
{
if (responseXML == undefined)
{
alert(responseXML.xml);
}
}
}
</SCRIPT>
<BODY onload="DoAJAX();">
</BODY>
</HTML>
```

The example below demonstrates how the request interface can be called via Microsoft .NET.

Sample: VB.NET / ASP.NET Example

```
Dim oCC As New System.Net.CookieContainer

Function ME_Success(ByVal sString As String) As BOOLEAN
    ME_Success = sString.IndexOf("<RETURNVALUE>1</RETURNVALUE>") > 0
End Function

Function ME_Exec(ByVal sHost, ByVal sCmd, ByVal sData) As String
    Dim WebRequestPage As String = "http://" & sHost & "/mewebmail/hoodoo/Servlet/request.aspx"
    Dim Response As System.Net.HttpWebResponse = Nothing
    Dim Request As String = WebRequestPage & "?Cmd=" & sCmd & "&" & sData
    Dim XMLreader As XmlTextReader = New XmlTextReader(Request)
    Dim oWR As System.Net.HttpWebRequest
```

```
oWR = System.Net.HttpWebRequest.Create(Request)
oWR.UserAgent = "IE 6.0"
oWR.CookieContainer = oCC
Response = DirectCast(oWR.GetResponse(), System.Net.HttpWebResponse)
Dim reader = New System.IO.StreamReader(Response.GetResponseStream())
ME_Exec = reader.ReadToEnd()
End Function

Sub DoWork()
If ME_Success(ME_Exec("www.mailenable.com", "LOGIN", "&Username=MEDemo@Demonstration&Password=demo"))
Then
    ME_Exec("www.mailenable.com", "LIST-MESSAGES", "&Folder=/Inbox")
    ME_Exec("www.mailenable.com", "LOG-OFF", "")
Else
    Console.WriteLine("Failed to Login")
End If
End Sub
```

3 AJAX Methods

3.1 Session Management Functions

3.1.1 LOGIN

This method logs in as a designated MailEnable user.

Parameters:

Name	Type	Description
Username	String	Username
Password	String	Password

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 861 1234 955"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="VALUE" METHOD="LOGIN"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.1.2 LOG-OFF

This method logs off the currently logged in MailEnable user.

Parameters:

None

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 1575 1234 1669"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="VALUE" METHOD="LOGIN"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.2 Message Functions

3.2.1 COPY-MESSAGE

This method copies a message from a source folder to a destination folder.

Parameters:

Name	Type	Description
Source	String	The relative folder name containing the message to be copied. Eg: /Inbox
Destination	String	The relative folder name to receive any copied messages. Eg: /Drafts
ID	String	Comma Delimited List of Message IDs

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 892 1234 982"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA=""RESULT"" METHOD=""COPY-MESSAGE"> <MAILBOX>Value</MAILBOX> <MESSAGE ID=Value> <RETURNVALUE>1</RETURNVALUE> </MESSAGE> </BASEELEMENT>						

3.2.2 MOVE-MESSAGE

This method moves a message from one folder to another.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Comma Delimited List of Message IDs
TargetFolder	String	The associated value to get for the mailbox

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="1344 800 1414 982"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters:						

		<pre><BASEELEMENT SCHEMA=""RESULT"" METHOD=""MOVE-MESSAGE"> <MAILBOX>Value</MAILBOX> <MESSAGE ID=Value> <RETURNVALUE>1</RETURNVALUE> </MESSAGE> </BASEELEMENT></pre>
--	--	--

3.2.3 DELETE-MESSAGE

This method deletes one or more messages from a given folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Comma Delimited List of Message Ids

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 751 1235 842"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA=""RESULT"" METHOD=""DELETE-MESSAGE"> <MAILBOX>Value</MAILBOX> <MESSAGE ID=Value> <RETURNVALUE>1</RETURNVALUE> </MESSAGE> </BASEELEMENT> </pre>						

3.2.4 GET-MESSAGE

This method returns one or more messages from a given folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Comma Delimited List of Message Ids

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1591 1235 1682"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA=""MESSAGE"" METHOD=""GET-MESSAGE ""> <ELEMENT ID="Value "> <FROM>Value</FROM> <TO>Value</TO> <SUBJECT>Value</SUBJECT> <RECEIVED>Value</RECEIVED> </pre>						

		<pre><ATTACHMENTS>Value</ATTACHMENTS>" <BODY>Value</BODY> </ELEMENT> </BASEELEMENT></pre>
--	--	---

3.2.5 SEND-MESSAGE

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Message ID of item in the Drafts folder
HTMLFormat	BOOLEAN	Should be '1' if message is in HTML, '0' otherwise

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 787 1234 882"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre><BASEELEMENT SCHEMA="VALUE" METHOD="LOGIN"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT></pre>						

3.2.6 LIST-MESSAGES

This function lists the messages within a given folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.

Results:

<pre><BASEELEMENT SCHEMA="MESSAGES" SORT_COLUMN="Received" SORT_ORDER="Desc" FOLDER_PATH="/Inbox" UNREAD_MESSAGES="0" PAGE="0" TOP_INDEX="0" ITEMS_CURRENT_PAGE="1" IPP="20" TOTAL_ITEMS="1" METHOD="LIST-MESSAGES"> <ELEMENT ID="DEFAULT.MAI"> <FROM><![CDATA[MailEnable Administrator]]></FROM> <FROM_RAW><![CDATA[Postmaster]]></FROM_RAW> <SUBJECT><![CDATA[New E-Mail Account Notification]]></SUBJECT> <RECEIVED>03:42 Aug 10</RECEIVED> <RECEIVEDVAL>2007-08-10-03-42</RECEIVEDVAL> <RECEIVED_FULL>10/08/2007 3:42:06 AM</RECEIVED_FULL> <SIZE>5KB</SIZE> <SIZE_FULL>5150</SIZE_FULL> <READ>1</READ> <FLAGS><![CDATA[RECENT \SEEN \FLAGGED]]></FLAGS> <CLASS><![CDATA[]]></CLASS> <ATTACHMENTS>0</ATTACHMENTS> <IMPORTANCE>3</IMPORTANCE> </ELEMENT><MAILBOX>Mark</MAILBOX><URI></URI> </BASEELEMENT></pre>
--

Example:

```
AJAXRequest('LIST-MESSAGES', '&Folder=/Inbox', false);
```

3.2.7 SAVE-DRAFT

This method saves a message into the drafts folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of where the message is to be saved
ID	String	Unique Message ID of message
MsgBody	String	Body of the message
HTMLFormat	BOOLEAN	Should be '1' if message is in HTML, '0' otherwise
FromRecipients	String	Address of who the message is from
ToRecipients	String	Addresses of the recipients
CCRecipients	String	Addresses of CC recipients
BCCRecipients	String	Addresses of BCC recipients
Subject	String	Subject of the message
Priority	Int	Message importance: 0- 'Low', 1- 'Normal', 2- 'High'
Notify	BOOLEAN	To receive notification when the message is read, set this to 1, otherwise set it to 0
PostOffice	String	Postoffice the message is sent from
Mailbox	String	Mailbox of the sender
SessionKey	String	(Optional) ASP/ASP.NET Unique Session Key that is used to detect cookie expiration.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method:						
		<table border="1"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
		Value	Meaning					
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="SAVE-DRAFT"> <MESSAGEID>MARK.MAI</MESSAGEID> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.2.8 SAVE-ATTACHMENT

This method appends an attachment to a given message.

Note:

This function is not currently implemented through the AJAX API.

3.2.9 REMOVE-ATTACHMENT

This method removes an attachment from a given message.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
MessageID	Int	Message ID
Attachment	String	Filename of the attachment

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 724 1234 814"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="REMOVE-ATTACHMENT"> <RETURNVALUE>1</RETURNVALUE> <ATTACHMENT>Attachment-filename</ATTACHMENT> </BASEELEMENT>						

3.3 Folder Functions

These functions deal with managing mailbox folders.

3.3.1 LIST-FOLDERS

Parameters:

Name	Type	Description
Folder	String	The starting root folder to list messages from.
Children	BOOLEAN	Determines whether or not to return the child folders of the specified root folder. A value of '1' will return child folders, '0' will not.
Mailbox	String	The mailbox owning the folders

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 1690 1234 1780"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT METHOD="GET-FOLDERS"> <ELEMENT ID=FolderIndex>						

		<pre><FOLDER_NAME>Value</FOLDER_NAME> <RELATIVE_FOLDER_PATH> Value </RELATIVE_FOLDER_PATH> <PHYSICAL_RELATIVE_FOLDER_PATH> Value </PHYSICAL_RELATIVE_FOLDER_PATH> <TOTAL_MESSAGES>Value</TOTAL_MESSAGES> <UNREAD_MESSAGES>Value</UNREAD_MESSAGES> <HAS_CHILDREN>Value</HAS_CHILDREN> <HAS_NEXT_SIBLING>Value</HAS_NEXT_SIBLING> <MAILBOX>Value</MAILBOX> </ELEMENT> </BASEELEMENT></pre>
--	--	--

3.3.2 REFRESH-FOLDER

This function retrieves the details of a given folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="613 779 1235 869"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA=""RESULT"" METHOD=REFRESH-FOLDER > <FOLDER>Value</FOLDER> <UNREAD_COUNT>Value</UNREAD_COUNT> </BASEELEMENT>						

3.3.3 CREATE-FOLDER

This method creates a new folder under the specified source folder.

Parameters:

Name	Type	Description
Parent	String	Parent of folder that will be created
Name	String	Name of folder to create

Example: Create a folder called test under the root of the mailbox for the currently logged in user.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="613 1604 1235 1694"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="CREATE-FOLDER"> <PARENTPATH><![CDATA[]]></PARENTPATH> <NAME><![CDATA[Test]]></NAME> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.3.4 DELETE-FOLDER

This method deletes a specified folder.

Parameters:

Name	Type	Description
Path	String	This variable contains the relative folder path of the source message.

Results:

Name	Type	Description
ReturnValue	Number	1=Success, 0=Error
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="DELETE-FOLDER"> <PATH><![CDATA[/Test2]]></PATH> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>

3.3.5 RENAME-FOLDER

Parameters:

Name	Type	Description
Path	String	This path of the folder being renamed.
Name	String	What to rename the folder

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 1423 1234 1518"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="RENAME-FOLDER"> <OLDPATH><![CDATA[/OldName]]></OLDPATH> <NEWNAME><![CDATA[/NewName]]></NEWNAME> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.4 Task Functions

This sections outlines functions that deal with tasks.

3.4.1 LIST-TASKS

Parameters:

Name	Type	Description										
Folder	String	This variable contains the relative folder path of the source message.										
SortField	String	The fields by which tasks are sorted. Possible values are: 'Subject' 'DueDate' 'Status' 'PercentComplete'										
SortOrder	String	The order the tasks are listed in. 'Asc' for ascending, 'Desc' for descending										
Filter	Int	Provides a filter for the results of the list-tasks method: <table border="1" data-bbox="618 863 1235 1073"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Return all items</td> </tr> <tr> <td>1</td> <td>Active Tasks (Status is Not Started or In Progress)</td> </tr> <tr> <td>2</td> <td>Overdue Tasks (Due Date is earlier than the current date, and Status is not Completed)</td> </tr> <tr> <td>3</td> <td>Completed Tasks (Status is Completed)</td> </tr> </tbody> </table>	Value	Meaning	0	Return all items	1	Active Tasks (Status is Not Started or In Progress)	2	Overdue Tasks (Due Date is earlier than the current date, and Status is not Completed)	3	Completed Tasks (Status is Completed)
Value	Meaning											
0	Return all items											
1	Active Tasks (Status is Not Started or In Progress)											
2	Overdue Tasks (Due Date is earlier than the current date, and Status is not Completed)											
3	Completed Tasks (Status is Completed)											
IPP	Int	The data fetch/result size (ie: the number of items to return).										
Page	Int	Index used to denote which virtual page (whose size is defined by IPP) is to be returned.										

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="550 1367 1167 1457"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA="TASKS" SORT_COLUMN="DueDate" SORT_ORDER="Desc" FOLDER_PATH="/Tasks" UNREAD_MESSAGES="0" PAGE="0" TOP_INDEX="0" ITEMS_CURRENT_PAGE="2" IPP="20" TOTAL_ITEMS="2" METHOD="LIST-TASKS"> <ELEMENT ID="10BDD43F46974E8CB18794A72D60F4C4.TSK"> <SUBJECT><![CDATA[testTask]]></SUBJECT> <IMPORTANCE>1</IMPORTANCE> <STATUS>0</STATUS> <READ></READ> <PERCOMP>0</PERCOMP> <COMPLETE></COMPLETE> <STARTDATE>17 Aug 2007</STARTDATE> <STARTDATEVAL>2007-08-17-12-00</STARTDATEVAL> <DUEDATE>21 Aug 2007</DUEDATE> <DUEDATEVAL>2007-08-21-12-00</DUEDATEVAL> <TOTALWORK></TOTALWORK> </pre>						

		<pre><ACTUALWORK></ACTUALWORK> <MODIFIEDDATE><![CDATA[1187326312]]></MODIFIEDDATE> <SENSITIVITY><![CDATA[0]]></SENSITIVITY> </ELEMENT> <MAILBOX>Mark</MAILBOX> <TOTAL_ITEMS>2</TOTAL_ITEMS> </BASEELEMENT></pre>
--	--	--

3.4.2 DELETE-TASK

This method deletes a task from a given folder within a mailbox.

Parameters:

Name	Type	Description
ID	String	List of task Ids of tasks to be deleted

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="613 779 1232 869"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="TASKS" METHOD="DELETE-TASK"> <TASK ID="996CF894806047B9B589C7867105AFA1.TSK"> <RETURNVALUE>1</RETURNVALUE> </TASK> </BASEELEMENT>						

3.4.3 ADD-TASK

This function adds a new task to a given folder within a mailbox.

Parameters:

Name	Type	Description
Subject	String	Task subject
StartDate	String	Date in the form: YYYY-MM-DD
DueDate	String	Date in the form: YYYY-MM-DD
Importance	Int	Task importance: 0-‘Low’, 1-‘Normal’, 2-‘High’
Status	Int	Task status: 0-‘Not Started’, 1-‘In Progress’, 2-‘Completed’, 3-‘Waiting on someone else’, 4-‘Deferred’
PercentComplete	Int	Percent complete
Sensitivity	Int	Task sensitivity: 0-‘Normal’, 1-‘Personal’, 2-‘Private’, 3-‘Confidential’

Results:

Name	Type	Description				
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="613 1803 1232 1860"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> </tbody> </table>	Value	Meaning	0	Failure
Value	Meaning					
0	Failure					

		1	Success
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="TASKS" METHOD="ADD-TASK"> <RETURNVALUE>1</RETURNVALUE> <UID>325B380F68424B83BDEE75DF6527A798.TSK</UID> <MODIFIEDDATE>1187935612</MODIFIEDDATE> </BASEELEMENT>	

3.4.4 EDIT-TASK

This function edits an existing task within a mailbox.

Parameters:

Name	Type	Description
ID	String	Task ID
Subject	String	This variable contains the relative folder path of the source message.
StartDate	String	Date in the form: YYYY-MM-DD
DueDate	String	Date in the form: YYYY-MM-DD
Importance	Int	Task importance: 0- 'Low', 1- 'Normal', 2- 'High'
Status	Int	Task status: 0- 'Not Started', 1- 'In Progress', 2- 'Completed', 3- 'Waiting on someone else', 4- 'Deferred'
PercentComplete	Int	Percent complete
Sensitivity	Int	Task sensitivity: 0- 'Normal', 1- 'Personal', 2- 'Private', 3- 'Confidential'

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="609 1249 1234 1344"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="TASKS" METHOD="EDIT-TASK"> <RETURNVALUE>1</RETURNVALUE> <UID>325B380F68424B83BDEE75DF6527A798.TSK</UID> <MODIFIEDDATE>1187936071</MODIFIEDDATE> </BASEELEMENT>						

3.4.5 GET-TASK

This method returns the properties of an existing task by its ID.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.

ID	String	Task ID
----	--------	---------

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 459 1235 552"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="634 611 1247 1136"> <BASEELEMENT SCHEMA="TASKS" METHOD="GET-TASK"> <RETURNVALUE>1</RETURNVALUE> <ID><![CDATA[325B380F68424B83BDEE75DF6527A798.TSK]]></ID> <SUBJECT><![CDATA[testin]]></SUBJECT> <IMPORTANCE><![CDATA[0]]></IMPORTANCE> <STATUS><![CDATA[0]]></STATUS> <PERCCOMP><![CDATA[50]]></PERCCOMP> <TOTALWORK><![CDATA[]]></TOTALWORK> <ACTUALWORK><![CDATA[]]></ACTUALWORK> <MILEAGE><![CDATA[]]></MILEAGE> <READ><![CDATA[]]></READ> <SENSITIVITY>0</SENSITIVITY> <ISRECURRING>0</ISRECURRING> <OCCURRENCES></OCCURRENCES> <RECURRENCETYPE></RECURRENCETYPE> <RECURRENCEINTERVAL></RECURRENCEINTERVAL> <RECURRENCESTATE></RECURRENCESTATE> <RECURRENCEINSTANCE></RECURRENCEINSTANCE> <NOENDDATE></NOENDDATE> <DAYOFMONTH></DAYOFMONTH> <DAYOFWEEKMASK></DAYOFWEEKMASK> <MONTHOFYEAR></MONTHOFYEAR> </BASEELEMENT> </pre>						

3.5 Appointment Functions

3.5.1 LIST-APPOINTMENTS

This method lists the appointments within a folder.

Parameters:

No parameters.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 804 1235 894"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="634 953 1307 1388"> <BASEELEMENT SCHEMA="APPOINTMENTS" FOLDER_PATH="/Calendar" TOTAL_ITEMS="2" METHOD="LIST-APPOINTMENTS"> <ELEMENT ID="AF8180C25F8C4CB7901C820034FCD41D.CAL"> <MODIFIEDDATE><![CDATA[924323969]]></MODIFIEDDATE> <SUBJECT><![CDATA[ewrewrwer]]></SUBJECT> <STARTDATE>00:00 Jan 01</STARTDATE> <STARTDATEVAL>2007-08-24-06-30</STARTDATEVAL> <ENDDATE>00:00 Jan 01</ENDDATE> <ENDDATEVAL>2007-08-24-07-30</ENDDATEVAL> </ELEMENT><ELEMENT ID="3C3B47964BD240768F4F00CB9FD9D848.CAL"> <MODIFIEDDATE><![CDATA[924324327]]></MODIFIEDDATE> <SUBJECT><![CDATA[sdfdsdfgs]]></SUBJECT> <STARTDATE>00:00 Jan 01</STARTDATE> <STARTDATEVAL>2007-08-24-07-30</STARTDATEVAL> <ENDDATE>00:00 Jan 01</ENDDATE> <ENDDATEVAL>2007-08-24-08-30</ENDDATEVAL> </ELEMENT><MAILBOX>Mark</MAILBOX> </BASEELEMENT> </pre>						

3.5.2 ADD-APPOINTMENT

This method adds an appointment to the mailbox's calendar.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
From	String	Sender e-mail address this appointment is sent from.
Attendees	String	List of attendee e-mail addresses
SendMail	BOOLEAN	Set to 1 to send an e-mail to each attendee, 0 otherwise
Description	String	Description of event
StartTime	String	In form YYYY-MM-DD-hh-mm.
FinishTime	String	In form YYYY-MM-DD-hh-mm.

Location	String	Location of the event
BusyStatus	Int	Busy status: 0-'Free', 1-'Tentative', 2-'Busy', 3-'Out of office'
Notes	String	Notes on event
Sensitivity	Int	Sensitivity: 0-'Normal', 1-'Personal', 2-'Private', 3-'Confidential'

Results:

Name	Type	Description	
ReturnValue	Number	Denotes the result of the called method:	
		Value	Meaning
		0	Failure
		1	Success
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="ADD-APPOINTMENT"><RETURNVALUE>1</RETURNVALUE> <UID>B5F285FBB5F64EE4AF6B301FB055D680.CAL</UID> <MODIFIEDDATE>924333658</MODIFIEDDATE> </BASEELEMENT>	

3.5.3 EDIT-APPOINTMENT

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Appointment ID
Attendees	String	List of attendee e-mail addresses
SendMail	BOOLEAN	Set to 1 to send an e-mail to each attendee, 0 otherwise
Description	String	Description of event
StartTime	String	In form YYYY-MM-DD-hh-mm.
FinishTime	String	In form YYYY-MM-DD-hh-mm.
Location	String	Location of the event
BusyStatus	Int	Busy status: 0-'Free', 1-'Tentative', 2-'Busy', 3-'Out of office'
Notes	String	Notes on event
Sensitivity	Int	Sensitivity: Task sensitivity: 0-'Normal', 1-'Personal', 2-'Private', 3-'Confidential'

Results:

Name	Type	Description	
ReturnValue	Number	Denotes the result of the called method:	
		Value	Meaning
		0	Failure
		1	Success
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="EDIT-APPOINTMENT"> <MODIFIEDDATE>924760588</MODIFIEDDATE> <UID>B5F285FBB5F64EE4AF6B301FB055D680.CAL</UID> <RETURNVALUE>1</RETURNVALUE> <ERROR_VALUE>0</ERROR_VALUE>	

		<BASEELEMENT>
--	--	---------------

3.5.4 GET-APPOINTMENT

This method returns the properties of an existing appointment by its ID.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the appointment item.
ID	String	List of message IDs associated with the appointment item.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="586 779 1200 869"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="602 932 1373 1661"> <BASEELEMENT SCHEMA="RESULT" METHOD="GET-APPOINTMENT" ITEMID="B5F285FBB5F64EE4AF6B301FB055D680.CAL"> <RETURNVALUE>1</RETURNVALUE> <ID><![CDATA[B5F285FBB5F64EE4AF6B301FB055D680.CAL]]></ID> <DESCRIPTION><![CDATA[]]></DESCRIPTION> <ATTENDEES><![CDATA[]]></ATTENDEES> <STARTTIME><![CDATA[2009-04-22-19-24]]></STARTTIME> <FINISHTIME><![CDATA[2009-04-22-19-24]]></FINISHTIME> <LOCATION><![CDATA[]]></LOCATION> <STATUS><![CDATA[(Confirmed)]]></STATUS> <NOTES><![CDATA[]]></NOTES> <ALLDAYEVENT></ALLDAYEVENT> <BUSYSTATUS>0</BUSYSTATUS> <IMPORTANCE></IMPORTANCE> <SENSITIVITY></SENSITIVITY> <REMINDERSET></REMINDERSET> <REMINDERMINUTESBEFORESTART></REMINDERMINUTESBEFORESTART> <SENDERNAME>Mark@MailEnable.com.au</SENDERNAME> <SENDER_EMAIL_ADDRESS>Mark@MailEnable.com.au</SENDER_EMAIL_ADDRESS> <ISORGANISER>1</ISORGANISER> <ISMEEETING>0</ISMEEETING> <ISRECURRING>0</ISRECURRING> <OCCURRENCES></OCCURRENCES> <RECURRENCEINTERVAL></RECURRENCEINTERVAL> <RECURRENCESTATE></RECURRENCESTATE> <RECURRENCEINSTANCE></RECURRENCEINSTANCE> <NOENDDATE></NOENDDATE> <DAYOFMONTH></DAYOFMONTH> <DAYOFWEEKMASK></DAYOFWEEKMASK> <MONTHOFYEAR></MONTHOFYEAR> </BASEELEMENT> </pre>						

3.5.5 DELETE-APPOINTMENT

This method deletes an appointment from a mailbox's calendar.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the appointment item.
ID	String	IDs of the appointment item

Results:

Name	Type	Description	
ReturnValue	Number	Denotes the result of the called method:	
		Value	Meaning
		0	Failure
		1	Success
Data	String	XML Text Stream containing output parameters: <pre><BASEELEMENT SCHEMA="RESULT" METHOD="DELETE-APPOINTMENT"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT></pre>	

3.6 Contact Functions

3.6.1 LIST-CONTACTS

This method lists the contacts within a specified mailbox.

Parameters:

Name	Type	Description
Source	String	Folder where contact information is stored
IPP	Int	The data fetch/result size (ie: the number of items to return).
Page	Int	Index used to denote which virtual page (whose size is defined by IPP) is to be returned.
Groups	BOOLEAN	If non-zero, groups will be included in the listing, otherwise they won't.
SortField	String	The field by which the contacts will be sorted. Possible values are: 'FullName' 'Nickname' 'Email' 'PhoneM'
SortOrder	String	The way in which the contacts will be ordered: 'Asc' for ascending and 'Desc' for descending

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1186 1235 1276"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA="CONTACTS" ACCESS_MODE="1" SORT_COLUMN="Nickname" SORT_ORDER="" PAGE="1" TOP_INDEX="0" ITEMS_CURRENT_PAGE="1" CPP="50" TOTAL_ITEMS="1" METHOD="LIST-CONTACTS" TARGET=""> <ELEMENT ID="46CBB40B74E04ABAAA730282EE3C0045.VCF" TYPE="0"> <EMAIL><![CDATA[Ben@MailEnable.com]]></EMAIL> <FULLNAME><![CDATA[asdasd asd]]></FULLNAME> <NICKNAME><![CDATA[Ben]]></NICKNAME> <TYPE>0</TYPE> <MODIFIEDDATE>924325300</MODIFIEDDATE> </ELEMENT> <URI></URI> </BASEELEMENT> </pre>						

3.6.2 GET-CONTACT

This method returns the details of a contact by its object ID.

Parameters:

Name	Type	Description
Folder	String	The relative path of the directory containing contact information
ID	String	Contact object ID

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 520 1235 611"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="634 667 1252 1079"> <BASEELEMENT SCHEMA="RESULT" METHOD="GET-CONTACT"> <SOURCE>0</SOURCE> <RETURNVALUE>1</RETURNVALUE> <ID>newUser@MailEnable</ID> <EMAIL><![CDATA[]]></EMAIL> <LASTNAME><![CDATA[Smith]]></LASTNAME> <FIRSTNAME><![CDATA[John]]></FIRSTNAME> <MIDDLENAME><![CDATA[Augustus]]></MIDDLENAME> <FULLNAME><![CDATA[John Augustus Smith]]></FULLNAME> <NICKNAME><![CDATA[Johnny]]></NICKNAME> <TITLE><![CDATA[Mr]]></TITLE> <PHONEW><![CDATA[98765432]]></PHONEW> <PHONEH><![CDATA[12345678]]></PHONEH> <PHONEM><![CDATA[0400456789]]></PHONEM> <BUSINESS><![CDATA[SmithCo]]></BUSINESS> <DEPARTMENT><![CDATA[Management]]></DEPARTMENT> <SENSITIVITY></SENSITIVITY> </BASEELEMENT> </pre>						

3.6.3 ADD-CONTACT

This method adds a new contact to a given folder.

Parameters:

Name	Type	Description
Folder	String	This variable contains the relative folder path of the source message.
ID	String	Unique ID of Contact to Add (normally the e-mail address)
Email	String	E-mail address
FirstName	String	First name
LastName	String	Last name
MiddleName	String	Middle name
FullName	String	Full name
Title	String	Title
Nickname	String	Nickname
PhoneW	String	Work phone number
PhoneH	String	Home phone number
PhoneM	String	Mobile phone number
Business	String	Business
Department	String	Department

Results:

Name	Type	Description
------	------	-------------

ReturnValue	Number	Denotes the result of the called method:						
		<table border="1"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="ADD-CONTACT"> <RETURNVALUE>1</RETURNVALUE> <UID>New User ID</UID> <MODIFIEDDATE>Value</MODIFIEDDATE> </BASEELEMENT>						

3.6.4 EDIT-CONTACT

This method edits the details of an existing contact.

Parameters:

Name	Type	Description
ID	String	Unique ID of Contact to Add (normally the e-mail address)
Email	String	Unique ID of Contact to Add (normally the e-mail address)
FirstName	String	E-mail address
LastName	String	First name
MiddleName	String	Last name
FullName	String	Middle name
Title	String	Full name
Nickname	String	Title
PhoneW	String	Nickname
PhoneH	String	Work phone number
PhoneM	String	Home phone number
Business	String	Mobile phone number
Department	String	Business
Sink	String	(Reserved) A string representing the short name of the contact property storage provider. By default, this should be specified as "VCF". Other sink types may be used in the future.

Results:

ReturnValue	Number	Denotes the result of the called method:						
		<table border="1"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="EDIT-CONTACT"> <RETURNVALUE>1</RETURNVALUE> <UID>newUser@MailEnable</UID> <MODIFIEDDATE>923875010</MODIFIEDDATE> </BASEELEMENT>						

3.6.5 DELETE-CONTACT

This method deletes a contact from a given folder by its ID.

Parameters:

Name	Type	Description
ID	String	The ID of the item to delete.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 604 1235 695"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre><BASEELEMENT SCHEMA="RESULT" METHOD="DELETE-CONTACT"><CONTACT ID="newUser@MailEnable"> <RETURNVALUE>1</RETURNVALUE> </CONTACT> </BASEELEMENT></pre>						

3.7 Collaboration Functions

3.7.1 LIST-SHARED_FOLDERS

This method returns a list of the folders that have been afforded access to the current user.

Parameters:

Name	Type	Description
Mailbox	String	Mailbox name

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 835 1235 926"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="618 982 1235 1142"><BASEELEMENT SCHEMA="RESULT" METHOD="LIST-SHARED_FOLDERS"> <RESOURCE> <RESOURCE_PHYSICAL><![CDATA[...]]></RESOURCE_PHYSICAL> <RESOURCE_DISPLAY>[Mailbox]</RESOURCE_DISPLAY> </RESOURCE> </BASEELEMENT></pre>						

3.7.2 ADD-SHARE

This method shares a folder so that it can then be accessed by others.

Parameters:

Name	Type	Description
Resource	String	Name of the resource to be shared

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1642 1235 1732"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="618 1789 1235 1879"><BASEELEMENT SCHEMA="RESULT" METHOD="ADD-SHARE"> <RETURNVALUE>1</RETURNVALUE> <FOLDER_PATH><![CDATA[Dir-name]]></FOLDER_PATH> <RESOURCE_INDEX>2</RESOURCE_INDEX></pre>						

		</BASEELEMENT>
--	--	----------------

3.7.3 LIST-SHARES

Parameters:

None.

Results:

Name	Type	Description
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="CONTACTS" ACCESS_MODE="1" SORT_COLUMN="Nickname" SORT_ORDER="" PAGE="1" TOP_INDEX="0" ITEMS_CURRENT_PAGE="1" CPP="50" TOTAL_ITEMS="1" METHOD="LIST-CONTACTS" TARGET=""> <ELEMENT ID="46CBB40B74E04ABAAA730282EE3C0045.VCF" TYPE="0"> <EMAIL><![CDATA[Ben@MailEnable.com]]></EMAIL> <FULLNAME><![CDATA[asdasd asd]]></FULLNAME> <NICKNAME><![CDATA[Ben]]></NICKNAME> <TYPE>0</TYPE> <MODIFIEDDATE>924325300</MODIFIEDDATE> </ELEMENT> <URI></URI> </BASEELEMENT>

3.7.4 REMOVE-SHARE

This method removes an existing share so that the folder cannot then be accessed by others.

Parameters:

Name	Type	Description
Resource	String	Name of the resource to be un-shared
RemoveACLs	BOOLEAN	Specifies whether or not to remove the associated Access Control List for the shared resource. If you specify not to, and then remove the share, when you next create the share, the existing access list will be used.

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1713 1235 1808"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="REMOVE-SHARE">						

		<pre><RETURNVALUE>1</RETURNVALUE> <FOLDER_PATH><![CDATA[TestFolder]]></FOLDER_PATH> </BASEELEMENT></pre>
--	--	--

3.7.5 LIST-CONNECTIONS

This method lists the shares that the current logged in user has attached to.

Parameters:

None

Results:

Name	Type	Description
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA="RESULT" METHOD="LIST-CONNECTIONS"> <CONNECTION> <URI><![CDATA[SF:MAILENABLE/Ben/ShareThis]]></URI> <DESCRIPTION><![CDATA[Ben (/ShareThis)]]></DESCRIPTION> <RELATIVE_FOLDER_PATH><![CDATA[ShareThis]]></RELATIVE_FOLDER_PATH> <MAILBOX>Ben</MAILBOX> <RESOURCE_NAME><![CDATA[ShareThis]]></RESOURCE_NAME> <TOTAL_MESSAGES>0</TOTAL_MESSAGES> <UNREAD_MESSAGES>0</UNREAD_MESSAGES> <HAS_CHILDREN>False</HAS_CHILDREN> <HAS_NEXT_SIBLING>False</HAS_NEXT_SIBLING> </CONNECTION> </BASEELEMENT> </pre>

3.7.6 ADD-CONNECTION

This method connects the current logged in user to a shared resource.

Parameters:

Name	Type	Description
Mailbox	String	Owner of the folder to be shared
Folder	String	Folder to be shared

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="609 1564 1234 1669"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA="RESULT" METHOD="ADD-CONNECTION"> <RETURNVALUE>1</RETURNVALUE> <URI><![CDATA[SF:MAILENABLE/Ben/ShareThis]]></URI> <DESCRIPTION><![CDATA[ShareThis]]></DESCRIPTION> </BASEELEMENT> </pre>						

3.7.7 REMOVE-CONNECTION

This method disconnects from a share that the current logged in user has attached to.

Parameters:

Name	Type	Description
ShareURI	String	URI of the share to be disconnected from

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 720 1235 814"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="REMOVE-CONNECTION"> <RETURNVALUE>1</RETURNVALUE> <URI></URI> </BASEELEMENT>						

3.7.8 HAS-ACCESS

This method is used to determine whether the current logged in user has access to a given resource.

Parameters:

Name	Type	Description
Resource	String	URI of the resource to be checked

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1570 1235 1665"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="HAS-ACCESS"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.8 General Functions

3.8.1 SET-MBX-OPTION

This method sets a mailbox option for the currently logged in mailbox.

Parameters:

Name	Type	Description
Prop	String	The name of the property for the currently logged in Mailbox (see Section 5 for the list of available mailbox properties)
Val	String	The associated value to set for the mailbox

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="617 951 1234 1045"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre data-bbox="633 1102 1274 1260"><BASEELEMENT SCHEMA="VALUE" METHOD="SET-MBX-OPTION"> <RETURNVALUE>1</RETURNVALUE> <ERROR> <ERRORVALUE>0</ERRORVALUE> <ERRORDetails></ERRORDetails> </ERROR> </BASEELEMENT></pre>						

3.8.2 GET-MBX-OPTION

This method gets a mailbox option for the currently logged in mailbox. It will only return the value if it is set for the mailbox. It will not fall back to the default option which may be used for the mailbox (i.e. if there is a global or postoffice level setting).

Parameters:

Name	Type	Description
Prop	String	The name of the property for the currently logged in Mailbox (see Section 5 for the list of available mailbox properties)
Val	String	The associated value to get for the mailbox

Results:

Name	Type	Description
ReturnValue	Number	Denotes the result of the called method:

		Value	Meaning
		0	Failure
		1	Success
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="VALUE" METHOD="GET-MBX-OPTION"> <RETURNVALUE>1</RETURNVALUE> <OPTION>WebMail-StartupPage</OPTION> <VALUE>Calendar</VALUE> <ERROR> <ERRORVALUE>0</ERRORVALUE> <ERRORDetails></ERRORDetails> </ERROR> </BASEELEMENT>	

3.8.3 GET-OPTION-VALUE

This method retrieves a system option value. You need to be logged in to access this method.

Parameters:

Name	Type	Description
Option	String	The name of the system option

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1136 1235 1230"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="VALUE" METHOD="GET-OPTION-VALUE"> <RETURNVALUE>1</RETURNVALUE> <OPTION>MessagePreviewPane</OPTION> <VALUE>1</VALUE> </BASEELEMENT>						

3.8.4 GET-MBX-OPTIONS

This method returns a list of the options for the currently logged in Mailbox.

Parameters:

None specified.

Results:

Name	Type	Description
ReturnValue	Number	Denotes the result of the called method:

		<table border="1"> <tr> <th>Value</th> <th>Meaning</th> </tr> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <pre> <BASEELEMENT SCHEMA=OPTIONS METHOD="GET-OPTIONS"> <RETURNVALUE>1</RETURNVALUE> <OPTION> <PROP>WebMail-MessagePreviewPane</PROP> <VALUE>Value</VALUE> </OPTION> <OPTION> <PROP>WebMail-AllowNewWindows</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-MessagesPerPage</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-TasksPerPage</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-ContactsPerPage</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-MailboxExpanded</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-PublicFoldersExpanded</PROP> <VALUE> Value VALUE> </OPTION> <OPTION> <PROP>WebMail-SharesExpanded</PROP> <VALUE> Value </VALUE> </OPTION> <OPTION> <PROP>WebMail-StartupPage</PROP> <VALUE> Value </VALUE> </OPTION> </BASEELEMENT> </pre>						

3.8.5 REPORT-SPAM

This method reports a given message as being Spam.

Parameters:

Name	Type	Description
Folder	String	Folder Name
ObjectID	String	Message ID of the object to be reported as Spam

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method:						
		<table border="1"> <tr> <th>Value</th> <th>Meaning</th> </tr> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							

		1	Success
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA="RESULT" METHOD="REPORT-SPAM"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>	

3.8.6 SET-PROPERTY

This method sets a property on a given message/list of messages within a folder.

Parameters:

Name	Type	Description
Prop	String	The property to set for the currently logged in Mailbox. Should be one of the following: 'FLAGGED' 'UNFLAGGED' 'READ' 'UNREAD' 'DELETED' 'UNDELETED'
Folder	String	The folder containing the object to be acted on
ID	String	Comma Delimited List of Message IDs

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1" data-bbox="618 1171 1235 1262"> <thead> <tr> <th>Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </tbody> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: BASEELEMENT SCHEMA="RESULT" METHOD="SET-PROPERTY"> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.8.7 CHECK-ADDRESSLIST

This method resolves a list of addresses and returns a list of possible matches.

Parameters:

Name	Type	Description
To	String	Semi colon delimited string of addresses

Results:

Name	Type	Description
ReturnValue	Number	Denotes the result of the called method:

		<table border="1"> <tr> <th>Value</th> <th>Meaning</th> </tr> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA=""RESULT"" METHOD="CHECK-ADDRESSLIST"> <SUGGESTION> <ADDRESS><![CDATA[Value]]></ADDRESS> <DISPLAYNAME><![CDATA[Value]]></DISPLAYNAME> </SUGGESTION> <RETURNVALUE>1</RETURNVALUE> </BASEELEMENT>						

3.8.8 CHECK-NEW-MAIL

This method checks whether there have been any new messages delivered to a mailbox.

Parameters:

None

Results:

Name	Type	Description						
ReturnValue	Number	Denotes the result of the called method: <table border="1"> <tr> <th>Value</th> <th>Meaning</th> </tr> <tr> <td>0</td> <td>Failure</td> </tr> <tr> <td>1</td> <td>Success</td> </tr> </table>	Value	Meaning	0	Failure	1	Success
Value	Meaning							
0	Failure							
1	Success							
Data	String	XML Text Stream containing output parameters: <BASEELEMENT SCHEMA=""RESULT"" METHOD="CHECK-NEW-MAIL"> <RETURNVALUE>1</RETURNVALUE> <NEWMESSAGECOUNT>Value</NEWMESSAGECOUNT> </BASEELEMENT>						

3.8.9 ACCOUNT-SUMMARY

This method returns summary information for the currently logged in user.

Parameters:

Name	Type	Description
Mailbox	String	Mailbox name

Results:

Name	Type	Description				
ReturnValue	Number	Denotes the result of the called method: <table border="1"> <tr> <th>Value</th> <th>Meaning</th> </tr> <tr> <td>0</td> <td>Failure</td> </tr> </table>	Value	Meaning	0	Failure
Value	Meaning					
0	Failure					

		0	Failure
		1	Success
Data	String	<p>XML Text Stream containing output parameters:</p> <pre> <BASEELEMENT SCHEMA="SUMMARY" METHOD="ACCOUNT-SUMMARY"> <DISPLAY_NAME></DISPLAY_NAME> <TIME>1:41:56 AM - Friday, 24 August 2007</TIME> <NEW_MESSAGES_TODAY>0</NEW_MESSAGES_TODAY> <UNREAD_MESSAGES_INBOX>0</UNREAD_MESSAGES_INBOX> <MAILBOX>Mark</MAILBOX> <UPCOMING_APPOINTMENTS></UPCOMING_APPOINTMENTS> <UPCOMING_TASKS></UPCOMING_TASKS> <SIZE>9</SIZE> <QUOTA>-1</QUOTA> </BASEELEMENT> </pre>	

4 Examples

Examples of using the previous mentioned method calls are available for download from the MailEnable Web Site.

The link to download the examples is: <http://www.mailenable.com/developers>.

The zip file can be installed to any location on your hard disk, however typically you would install the examples under: C:\Inetpub\wwwroot\Examples

The examples call the local web server to request information with the designated credentials, however you can of course point the examples to another web server.

A list of examples follow:

File Name	Purpose
Index.html	List of all examples listed below
example1.html	Displays a user's message list
example2.html	Adds a contact
example3.html	Adds a new task
example4.html	Gets mailbox options
example5.html	Lists mailbox folders
example6.html	Displays a user's account information

5 Mailbox Option Values

5.1 Mailbox Option Possible Values

Option	Type	Possible Values														
WebMail-MessagePreviewPane	BOOLEAN	'0' or '1'														
WebMail-PreviewPaneOrientation	DWORD	'0','1','2' = Bottom, Right, None														
WebMail-AllowNewWindows	BOOLEAN	'0' or '1'														
WebMail-MailboxExpanded	BOOLEAN	'0' or '1'														
WebMail-PublicFoldersExpanded	BOOLEAN	'0' or '1'														
WebMail-SharesExpanded	BOOLEAN	'0' or '1'														
WebMail-StartupPage	STRING	'AccountSummary', 'Calendar', 'Contacts', 'Tasks'														
WebMail-MessagesPerPage	DWORD	> 0														
WebMail-TasksPerPage	DWORD	> 0														
WebMail-ContactsPerPage	DWORD	> 0														
MailBox-SpamFilteringStatus	BOOLEAN	'0' or '1'														
MailBox-SpamFilteringAction-High	STRING	<table border="1"> <thead> <tr> <th>Possible Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>[Blank]</td> <td>No action</td> </tr> <tr> <td>"DELETE"</td> <td>Delete the message</td> </tr> <tr> <td>"MOVE"</td> <td>Move message to folder specified</td> </tr> <tr> <td>"COPY"</td> <td>Copy message to folder specified</td> </tr> <tr> <td>"JUNK"</td> <td>Move message to junk folder</td> </tr> <tr> <td>"PREFIX-SUBJECT"</td> <td>Add prefix to subject</td> </tr> </tbody> </table>	Possible Value	Meaning	[Blank]	No action	"DELETE"	Delete the message	"MOVE"	Move message to folder specified	"COPY"	Copy message to folder specified	"JUNK"	Move message to junk folder	"PREFIX-SUBJECT"	Add prefix to subject
Possible Value	Meaning															
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"PREFIX-SUBJECT"	Add prefix to subject															
MailBox-SpamFilteringData-High	STRING	<p>The table below outlines the data for this value depending on the related action:</p> <table border="1"> <thead> <tr> <th>Action Specified</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>DELETE</td> <td>NOVALUE</td> </tr> <tr> <td>MOVE</td> <td>Folder to move to, eg: \Junk</td> </tr> <tr> <td>COPY</td> <td>Folder to copy to</td> </tr> <tr> <td>JUNK</td> <td>NOVALUE</td> </tr> <tr> <td>PREFIX-SUBJECT</td> <td>Subject Prefix</td> </tr> </tbody> </table>	Action Specified	Value	DELETE	NOVALUE	MOVE	Folder to move to, eg: \Junk	COPY	Folder to copy to	JUNK	NOVALUE	PREFIX-SUBJECT	Subject Prefix		
Action Specified	Value															
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MOVE	Folder to move to, eg: \Junk															
COPY	Folder to copy to															
JUNK	NOVALUE															
PREFIX-SUBJECT	Subject Prefix															
MailBox-SpamFilteringAction-Medium	STRING	<table border="1"> <thead> <tr> <th>Possible Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>[Blank]</td> <td>No action</td> </tr> <tr> <td>"DELETE"</td> <td>Delete the message</td> </tr> <tr> <td>"MOVE"</td> <td>Move message</td> </tr> </tbody> </table>	Possible Value	Meaning	[Blank]	No action	"DELETE"	Delete the message	"MOVE"	Move message						
Possible Value	Meaning															
[Blank]	No action															
"DELETE"	Delete the message															
"MOVE"	Move message															

		<table border="1"> <tbody> <tr> <td></td> <td>to folder specified</td> </tr> <tr> <td>“COPY”</td> <td>Copy message to folder specified</td> </tr> <tr> <td>‘JUNK”</td> <td>Move message to junk folder</td> </tr> <tr> <td>“PREFIX-SUBJECT”</td> <td>Add prefix to subject</td> </tr> </tbody> </table>		to folder specified	“COPY”	Copy message to folder specified	‘JUNK”	Move message to junk folder	“PREFIX-SUBJECT”	Add prefix to subject						
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“COPY”	Copy message to folder specified															
‘JUNK”	Move message to junk folder															
“PREFIX-SUBJECT”	Add prefix to subject															
MailBox-SpamFilteringData-Medium	STRING	<p>The table below outlines the data for this value depending on the related action:</p> <table border="1"> <thead> <tr> <th>Action Specified</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>DELETE</td> <td>NOVALUE</td> </tr> <tr> <td>MOVE</td> <td>Folder to move to, eg: \Junk</td> </tr> <tr> <td>COPY</td> <td>Folder to copy to</td> </tr> <tr> <td>JUNK</td> <td>NOVALUE</td> </tr> <tr> <td>PREFIX-SUBJECT</td> <td>Subject Prefix</td> </tr> </tbody> </table>	Action Specified	Value	DELETE	NOVALUE	MOVE	Folder to move to, eg: \Junk	COPY	Folder to copy to	JUNK	NOVALUE	PREFIX-SUBJECT	Subject Prefix		
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MOVE	Folder to move to, eg: \Junk															
COPY	Folder to copy to															
JUNK	NOVALUE															
PREFIX-SUBJECT	Subject Prefix															
MailBox-SpamFilteringAction-Low	STRING	<table border="1"> <thead> <tr> <th>Possible Value</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>[Blank]</td> <td>No action</td> </tr> <tr> <td>“DELETE”</td> <td>Delete the message</td> </tr> <tr> <td>“MOVE”</td> <td>Move message to folder specified</td> </tr> <tr> <td>“COPY”</td> <td>Copy message to folder specified</td> </tr> <tr> <td>‘JUNK”</td> <td>Move message to junk folder</td> </tr> <tr> <td>“PREFIX-SUBJECT”</td> <td>Add prefix to subject</td> </tr> </tbody> </table>	Possible Value	Meaning	[Blank]	No action	“DELETE”	Delete the message	“MOVE”	Move message to folder specified	“COPY”	Copy message to folder specified	‘JUNK”	Move message to junk folder	“PREFIX-SUBJECT”	Add prefix to subject
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“COPY”	Copy message to folder specified															
‘JUNK”	Move message to junk folder															
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MOVE	Folder to move to, eg: \Junk															
COPY	Folder to copy to															
JUNK	NOVALUE															
PREFIX-SUBJECT	Subject Prefix															
Login Details	BOOLEAN	‘0’ or ‘1’														

POP Retrieval	BOOLEAN	'0' or '1'
Mailbox Redirection	BOOLEAN	'0' or '1'
Auto Response	BOOLEAN	'0' or '1'
Filtering	BOOLEAN	'0' or '1'
GlobalAddressList	BOOLEAN	'0' or '1'
Calendaring Enabled	BOOLEAN	'0' or '1'
MessageReportAsSpam	BOOLEAN	'0' or '1'
SpamFiltering	BOOLEAN	'0' or '1'
Shares	BOOLEAN	'0' or '1'
MailBox-AutoSignatureEnabled	BOOLEAN	'0' or '1'