

Folder Handling

Using the MailClient you can list folders, check their presence, as well as create and delete them:

```
«E2ELibraryClass»
«E2ETestable»
MailClient

+sendMessage(connection: Connection, mail: Mail)
+sendPopMessage(connection: Connection, mail: Mail, signingMode: String, encryptionMode: String)
+readMessages(connection: Connection, flags: ReadFlags, folderPath: String): Array
+readMessagesFiltered(connection: Connection, flags: ReadFlags, folderPath: String, filter: Filter): Array
+deleteMessage(connection: Connection, mail: ReceivedMail)
+deleteMessages(connection: Connection, mails: Array)
+deleteMessagesFiltered(connection: Connection, folderPath: String, filter: Filter, affectedMessages: Integer)
+moveMessage(connection: Connection, mail: ReceivedMail, folderPath: String)
+listFolders(connection: Connection, parentFolder: String): Array
+existsFolderPath(connection: Connection, folderPath: String): Boolean
+createFolderPath(connection: Connection, folderPath: String)
+deleteFolderPath(connection: Connection, folderPath: String)
+testConnection(connection: Connection): Boolean
```

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Related Pages:

- [Mail Server Connection](#)
- [JavaMail Library Reference](#)

Operations expecting a **folderPath** argument will treat this the following way:

Folder Path	Description	Example
NULL	This is interpreted as meaning the <Inbox> folder.	
path beginning with /	This is interpreted as a path from the mail connections root folder.	/Archive /Orders
path not beginning with /	This is interpreted as a relative path to the <Inbox> folder, so translates to /<Inbox>/Archive/Orders.	Archive /Orders

The intention of this behavior is to abstract away the fact that <Inbox> has many different names depending on the connection, i.e. IMAP typically uses INBOX, Exchange calls it Inbox, and a German Exchange calls it Posteingang.

Also note that **POP3 does not support folders** other than <Inbox>. Hence when you specify a POP3 connection, **folderPath** parameters other than NULL will raise an exception.

Operations

listFolders

Parameter	Types	Direction	Description	Allowed Values / Example	
connection	Connection	in	Specify the Connection object defining the mail server connection parameters to use (see Mail Server Connection).		
parentFolder	String	in	Specify the path to the parent folder. See note regarding folder handling .	NULL	List folders below <Inbox>.
				\	List folders below root folder.
				a path	List folders below given path.
folders	Array of String	return	Returns a recursive list of sub-folder paths.	• orders • orders /incoming • orders /incoming /accepted	

existsFolderPath

Parameter	Types	Direction	Description	Allowed Values / Example
connection	Connection	in	Specify the Connection object defining the mail server connection parameters to use (see Mail Server Connection).	
folderPath	String	in	Specify the path to the folder to check. See note regarding folder handling .	orders /outgoing
exists	Boolean	return	Returns if the given folder is existent on the mail server.	true Folder exists.
				false Folder does not exist.

createFolderPath

Parameter	Types	Direction	Description	Allowed Values / Example
connection	Connection	in	Specify the Connection object defining the mail server connection parameters to use (see Mail Server Connection).	
folderPath	String	in	Specify the path to the folder to be created. See note regarding folder handling .	orders /outgoing

deleteFolderPath

Parameter	Types	Direction	Description	Allowed Values / Example
connection	Connection	in	Specify the Connection object defining the mail server connection parameters to use (see Mail Server Connection).	
folderPath	String	in	Specify the path to the folder to be deleted recursively. See note regarding folder handling .	- orders /incoming /accepted Delete folder accepted from folder incoming. - orders Delete folder orders and all sub-folders and contents.