

## **Instant Use of Mailit 11 in Exchange for Mailit 10 in FileMaker Solutions**

Please notice that none of the code changes described below are critical while employing Mailit 10 in exchange for Mailit 11 in a FileMaker solution.

Any programming time invested leads to direct improvements of your FileMaker solution by leveraging new Mailit 11 features. Your migration effort is minimized close to zero!

### **General recommendations:**

- "Email\_Version" : Update if necessary (Mailit 11 function call will return the major version based on "11").

### **Utilization of Mailit 10 message download history after Mailit 11 upgrade:**

- Mailit 11 maintains it's own POP3 messages download history file. In order to utilize the message history file that were generated by Mailit 10, the following files should be copied:

Windows:

FM: C:\Documents and Settings\<User Name> \Application Data\net.dacons.mail.it \mailit.10.uidl

FMS: C:\Windows\System32\config\systemprofile\AppData\Roaming\net.dacons.mailit\mailit.10.uidl

Mac OS X:

FM: /Users/<User Name>/Library/Preferences/net.dacons.mailit/mailit.10.uidl

FMS: /VolumeName/Library/FileMaker Server/Library Preferences/net.dacons.mailit/mailit.10.uidl

Into the following location:

Windows:

FM: C:\Documents and Settings\<User Name> \Application Data\net.dacons.mailit \mailit.11.uidl

FMS: C:\Windows\System32\config\systemprofile\AppData\Roaming\net.dacons.mailit\mailit.11.uidl

Mac OS X:

FM: /Users/<User Name>/Library/Preferences/net.dacons.mailit/mailit.11.uidl

FMS: /VolumeName/Library/FileMaker Server/Library Preferences/net.dacons.mailit/mailit.11.uidl

## Migration from IMAP to REST (Mailt 11)

Starting from Mailt 11, the plug-in supports REST-based connections for modern mail providers such as Gmail ( "gmailRest" ) and Microsoft 365 / Outlook ( "graphRest" ).

Existing FileMaker solutions can migrate to REST with minimal changes.

### General migration approach:

- Replace connection type in `Emai_Connect`:

`"imap"` to `"gmailRest"` or `"graphRest"`

`"smtp"` to `"gmailRest"` or `"graphRest"`

- Replace login/password authentication with OAuth 2.0:

Use `"authType = oauth"`

Pass OAuth access token in the password parameter

- Keep existing message processing logic unchanged:

`Emai_ImapRetrieveMessage`, `Emai_ImapGetMessageCount`, `Emai_SmtpSendMessage`, etc.

### Important note about message identifiers:

IMAP UIDs and REST message IDs are not compatible. After switching to REST, previously downloaded messages may be treated as new and may be downloaded again.

To avoid re-downloading the entire mailbox, it is strongly recommended to limit message retrieval by date during the first synchronization.

### Recommended sequence:

```
Emai_Connect ( ... )  
Emai_ImapSelectFolder ( folder )  
Emai_ImapSetSearch ( "SINCE <date>" )  
Emai_ImapGetMessageCount ( uidl )  
Emai_ImapRetrieveAllMessages
```

### Notes:

- During the first run, `"uidl"` is typically empty.

- On subsequent runs, `"uidl"` should contain identifiers of already stored messages.

- `Emai_ImapSetSearch` must be called after selecting a folder and before retrieving message count.

This approach allows safe migration without re-downloading all messages.