



# Functions Guide

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# I. Introduction

## Description

The Outlook SendMail plug-in is a simple e-mail utility that allows FileMaker® Pro to send plain text or HTML formatted e-mails with multiple attachments through Microsoft Outlook® while suppressing the Outlook security dialog. These operations are accomplished using FileMaker function calls from within FileMaker calculations. These calculations are generally determined from within FileMaker 'SetField' or 'If' script steps. This document describes the plug-in installation, functions and error codes.

## Intended Audience

FileMaker developers or persons, who have knowledge of FileMaker scripting, calculations and relationships as proper use of the plug-in requires that FileMaker integration scripts be created in your FileMaker solution.

## Successful Integration Practices:

- 1) Read the Developer's Guide
- 2) Read the Functions Guide
- 3) Look at our FileMaker Demo and video tutorials

Demo and video tutorials can be found here: <http://www.productivecomputing.com/plugins/outlook-sendmail-id-77/>

- 4) Familiarize yourself with Outlook

## Error Handling

Any of the plug-in functions may encounter an error during processing. A list of error codes and their meanings can be found at the end of this document. Since all errors have a value that is less than zero, trapping for return values that are less than zero will trap only the errors. If you call GetLastError immediately after the error, a detailed description of the last error will be returned. These error handling methods are designed to assist the user troubleshoot script or logic failures.

## II. Function Descriptions

This section describes the functions that are available with the Outlook SendMail plug-in.

### **PCEM\_Authenticate( Profile ; optPassword )**

#### **Description:**

When communicating with Outlook you must first specify what Outlook profile will be used. PCEM\_Authenticate opens the desired Outlook profile or prompts the user to choose a profile depending on your mail settings. If a Profile is not selected, then the plug-in will work with the currently opened Outlook profile. Authenticate must be called once per FileMaker session BEFORE any other Outlook SendMail function is used.

#### **Parameters:**

Profile = the name of the Profile to use for the session (Optional)

Password = optional password for the designated profile (Optional)

#### **Returns:**

0 if successful, otherwise an error

### **PCEM\_GetLastError( type )**

#### **Description:**

Returns a textual or numeric description of the last error the plug-in encountered. This gives the developer the option to trap errors as a text or number.

#### **Parameters:**

Type = Values are either Text or Number. The default value is text

#### **Return Values:**

The desired error description or error number.

### **PCEM\_GetOperatingMode**

#### **Description:**

Returns the current mode of operation for the plug-in.

#### **Parameters:**

none

#### **Returns:**

“DEMO” for demo mode, “LIVE” for live mode, or “UNREGISTERED” for unregistered mode, or “EXPIRED” for expired mode after 30 minute or 30 day timeout.

## **PCEM OutlookVersion**

### **Description:**

Once authenticated to a particular Outlook installation, this function can return the Outlook version number.

### **Parameters:**

none

### **Return Values:**

A version number on success, otherwise an !!ERROR!!

## **PCEM\_Register( ServerName ; ServerPort ; ServerPage ; licenseID )**

### **Description:**

Registers the product with Productive Computing's registration server.

### **Parameters:**

ServerName	"licensing.productivecomputing.com"
ServerPort	"80"
ServerPage	"/PCIReg/pcireg.asp"
LicenseID	"your license ID" or "DEMO-OL2"

### **Returns:**

0 for success otherwise an error

## **PCEM SendMail( To ; Cc ; Bcc ; Subject ; Body ; Attachments ; optUseHTML )**

### **Description:**

Sends an e-mail message to the intended recipients with the given subject, body, attachments and formatting options. All parameters except Subject and Body can contain multiple comma separated values.

### **Parameters:**

To	The recipients of the e-mail
Cc	The carbon copy recipients
Bcc	The blind carbon recipients
Subject	The subject of the message
Body	The Body of the message
Attachments	Any attachments for the message. You can send attachments stored in a container field as shown in the FileMaker Demo file. You can also send attachments from any path on your computer or network drive by specifying the full path to the attachments. Be sure to include the name of the file when specifying the path. Use commas between multiple attachments.
optUseHTML	'Y' for HTML formatted, 'N' or '' for plain text formatting

### **Returns:**

0 for success, otherwise an error.

## **PCEM Version( type )**

### **Description:**

Used to identify the product and product version. The current version of the plug-in in string format.

A 'Short' version contains only the version number. For example, "1.0.2.0".

A 'Long' version contains the product name and version number. For example, "SendMail plug-in 1.0.2.0"

The default version string returned is long.

### **Parameters:**

type = 'Short' or 'Long'

### **Returns:**

Product name and/or version, otherwise an error.

### III. Contact Us

Successful integration of a FileMaker plug-in requires the creation of integration scripts within your FileMaker solution. A working knowledge of FileMaker Pro, especially in the areas of scripting and calculations is necessary. If you need additional support for scripting, customization or setup (excluding registration) after reviewing the videos, documentation, FileMaker demo and sample scripts, then please contact us via the avenues listed below.

Phone: 760-510-1200

Email: [support@productivecomputing.com](mailto:support@productivecomputing.com)

Forum: [www.productivecomputing.com/forum](http://www.productivecomputing.com/forum)

Please note assisting you with implementing this plug-in (excluding registration) is billable at our standard hourly rate. We bill on a time and materials basis billing only for the time in minutes it takes to assist you. We will be happy to create your integration scripts for you and can provide you with a free estimate if you fill out a Request For Quote (RFQ) at [www.productivecomputing.com/rfq](http://www.productivecomputing.com/rfq) . We are ready to assist and look forward to hearing from you!