



Functions Guide

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I. Introduction

Description

The Change Printer plug-in is a simple tool designed to aid in the task of printing records in a FileMaker® Pro database. The plug-in allows for the FileMaker user to design scripts that will dynamically change printing from one printer to another. The plug-in also has tools that can identify all printers currently available to a given user and ways to get and set the operating system default printer. 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 functions.

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

II. Function Descriptions

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

1) Registration Specific Functions

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 ID

Demo ID for Windows is DEMO-CP3 and Demo ID for Mac is DEMO-MC3

Return Values: 0 for success or an error

PCCP_GetOperatingMode

Description:

Returns the current operating mode of the plug-in.

Parameters:

none

Return Values:

"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.

PCCP_Version(optType)

Description:

This function returns the version of the plug-in. The Short version string includes only the version number of the plug-in. For example, "3.0.0.0". The Long includes the name of the plug-in and the version number.

For example, "PC Change Printer 3.0.0.0" The default version string returned is Long.

Parameters:

optType - (Optional) String:"Long" or "Short"

Returns:

The version string (product name and/or version)

2) Printer Functions

PCCP_ChangePrinter(PrinterName ; optShowDlg ; optPause)

Description:

This function changes the printer that the next Print[] script step will print to. The point of changing to a particular printer is to print to that printer. Proper usage is to call the PCCP_ChangePrinter function, then immediately after call the Print [] script step.

Parameters:

PrinterName = String - The name of the printer to place in the "Printer" drop down of the Print dialog.

optShowDlg = Bool - "True" or "False" whereas the default parameter is "False".

*If the optShowDlg is "True", then the function requires the user to press "OK" in the print dialog and does not dismiss the Print dialog displayed by FileMaker. The function quits after setting the printer name.

*If the optShowDlg is "False", then the function does NOT require the user to press "OK" in the print dialog as the function "presses" the print button before quitting. Please note that the user will briefly see the print dialog displayed by FileMaker.

optPause = Allows the print dialog to be displayed for the desired number of milliseconds. Number values are calibrated to the second. For example 1000 = 1 second. The list must be fully populated before the process resumes so that the process will accurately select the correct printer. The optPause parameter is available only on Windows and is not yet available on the Mac platform.

Returns:

0 for success or "!!!ERROR!! Specified printer not found"

PCCP_GetPrinterAt(Index)

Description:

This function returns the name of a printer. This name can be used in the PCCP_ChangePrinter and PCCP_SetSystemPrinter functions.

Parameters:

Index = String/Int - The 1 based index of the desired printer name to be returned.

Returns:

The printer name at the index, "!!!ERROR!! Index out of bounds" or "!!!ERROR!! No Printers Listed"

PCCP_GetSystemPrinter

Description:

This function returns the name of the printer that is the default printer in the 'Print' dialog.

Parameters:

None

Returns:

The name of the printer or "!!!ERROR!! Unable to get system printer"

PCCP_SetSystemPrinter

Description:

This function sets the name of the printer that is the default printer in the 'Print' dialog.

Parameters:

None

Returns:

0 for success

"!!!ERROR!! Unable to set system printer"

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

Forum: 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 . We are ready to assist and look forward to hearing from you!