SAP **1931195 - Error in excel client when calling a EPMAddInAutomation class member after upgrading the EPM Client**

Version 2 **Validity:** 24.10.2013 - active   **Language** English

Symptom

A workbook contains macros (APIs belonging to the EPMAddInAutomation class). After updating the EPM add-in when you open the workbook containing the macros, the EPM macros do not work correctly.

Environment

- SAP Business Planning and Consolidation 10 for the Microsoft platform
- SAP Business Planning and Consolidation 10 for NetWeaver
- SAP EPM-Add-In 10 for Microsoft Office

Cause

Prior to SP07 Patch 04, The guid of the FPMXLClient was updated with each upgrade.

This caused an issue with any report that had the class library activated. After upgrading, the FPMXLClient must be updated to refresh the GUID by unchecking and then rechecking the **FPMXLClient** under Top Menu Bar ->Tools->References->**FPMXLClient.**

Resolution

Starting SP07 Patch 04, The GUID of FPMXLClient.tlb is constant.

However, any workbook containing macros created with SP07 Patch 04 or before will need to be updated manually once to reference the new permament GUID.

The GUID of the FPMXLClient is {24B0DA42-5C86-451D-BE1C-990BCD6E3EEC}

While this particular issue should no longer occur in later releases, it shows the limitation of calling a class object after enabling the class in Excel.

A more robust solution is to call the object directly without having to enable it in Excel. In this way, the call will always be to the current Client regardless of any updates.

Another way to understand this visually is to uncheck the FPMXLClient and then write a simple VB code such as follows:

Sub Refresh()
Dim client As New EPMAddInAutomation
client.Refresh
End Sub

You will get the error "User-defined type not defined" because the class library is not enabled.

Replacing the code with:

Sub Refresh()
Dim client As Object
Set client = Application.COMAddIns("FPMXLClient.Connect").Object
client.Refresh
End Sub

works without enabling the library because the FPMXLClient is called directly. Using this method resolves any issues with updates to the FPMXLClient.

Keywords

EPM add-in 10.0 SP07 Patch 04, resolved issues, FC (for Financial Consolidation), BPC (for Planning and Consolidation)

Header Data

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Product

Product	Product Version
SAP BusinessObjects Planning and Consolidation, version for Micr	SAP Business Planning and Consolidation 10.0, version for Micros
SAP BusinessObjects Planning and Consolidation, version for SAP	SAP Business Planning and Consolidation 10.0, version for SAP Ne