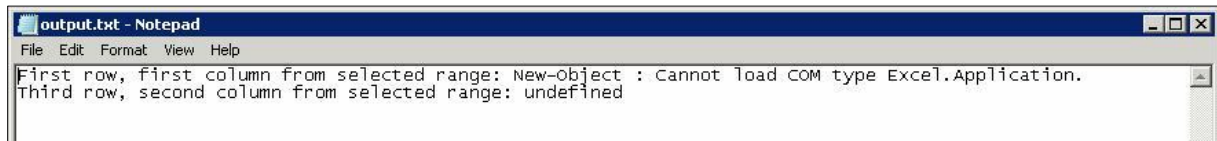# Implementation Instructions for Example Operators for Microsoft Excel®

Prerequisites:

1) "Operators for Microsoft Excel 1.2.xml" is installed

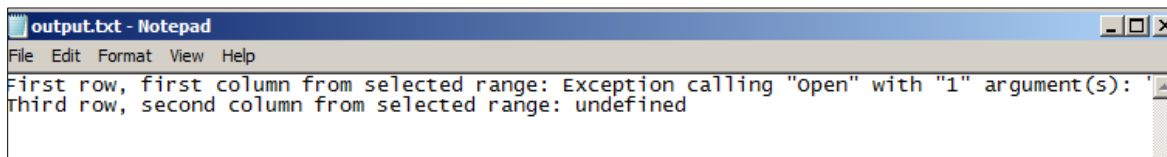   This can be downloaded from the Common Documents folder

2) Microsoft Office Excel component is installed. If this is not installed, it will generate errors similar to the following:
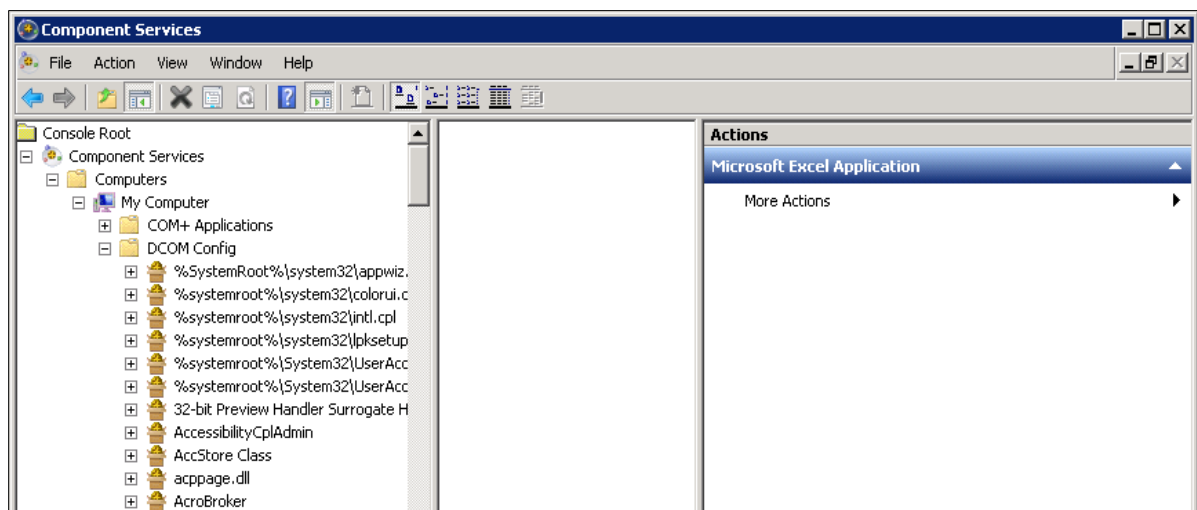

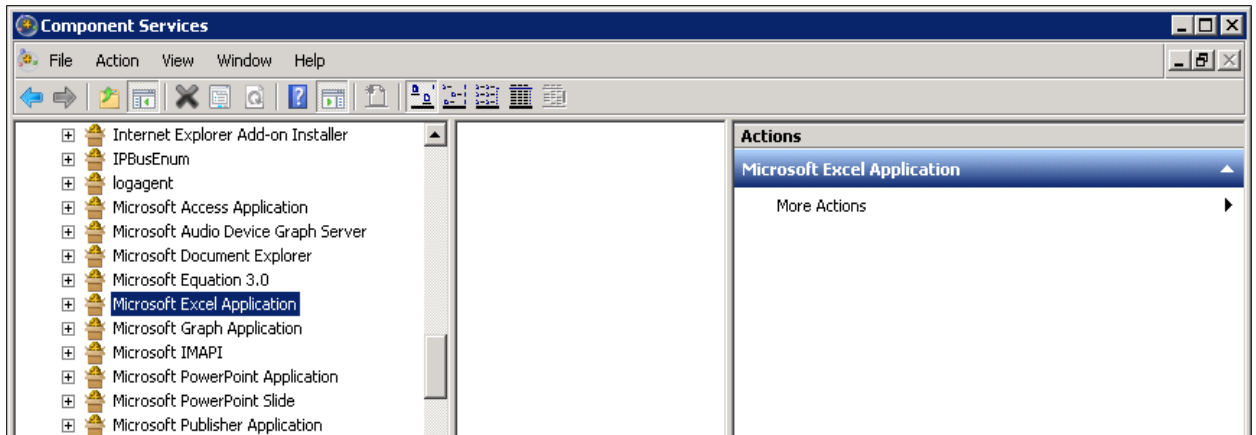3) Configure Microsoft Office® as the interactive user

   Excel operators run as the "SYSTEM" user which may not be able to access an Excel file when run under CA Process Automation. It may generate error like this:
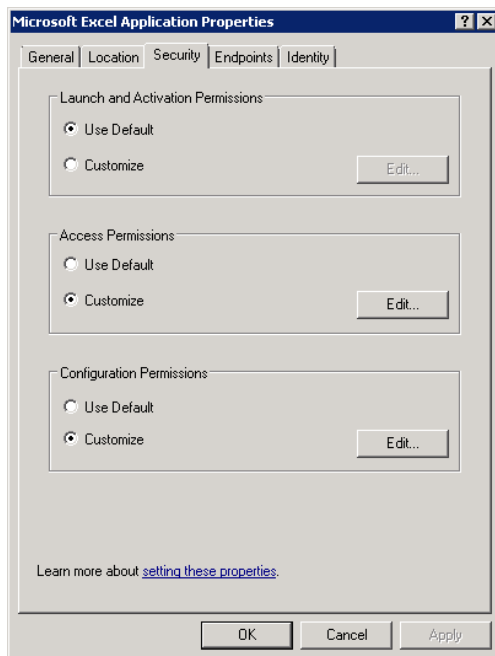

4) To configure the Excel application to run as an Interactive User, execute the following steps. Note that these steps may vary depending on your Microsoft Office release or the Operating System.
   a) Click **Start**, click **Run**, and then type **DCOMCNFG**.
   b) Select Computer Services -> Computers -> My Computers -> DCOM Config and then select the Microsoft Excel Application
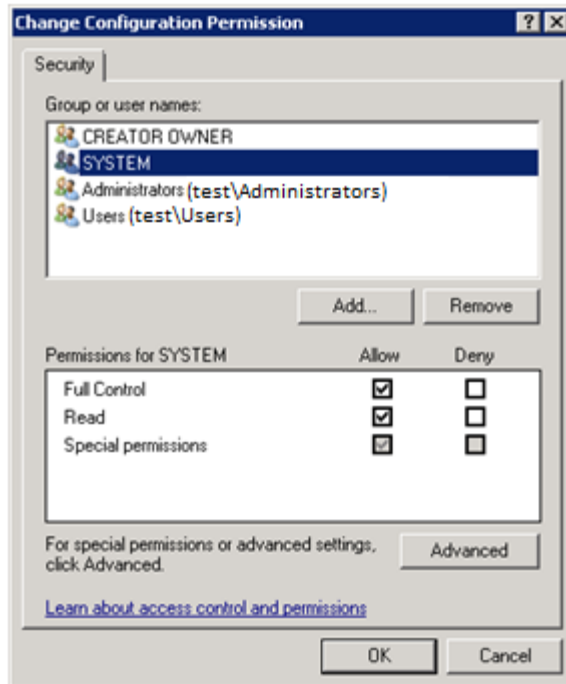
c) Click **Properties** to open the property dialog box for this application.

d) Click the **Security** tab.

e) Verify that **Use Default is** selected for **"Launch and Activation Permissions"** and **"Access Permissions"**.
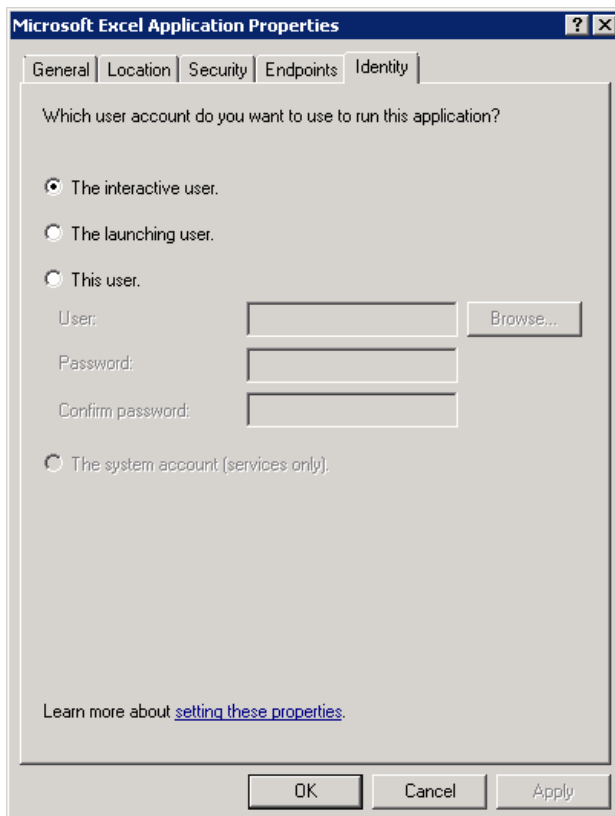

f) Click **Edit button for "Configure Permissions"**

Verify that the SYSTEM User and CREATOR OWNER have full access

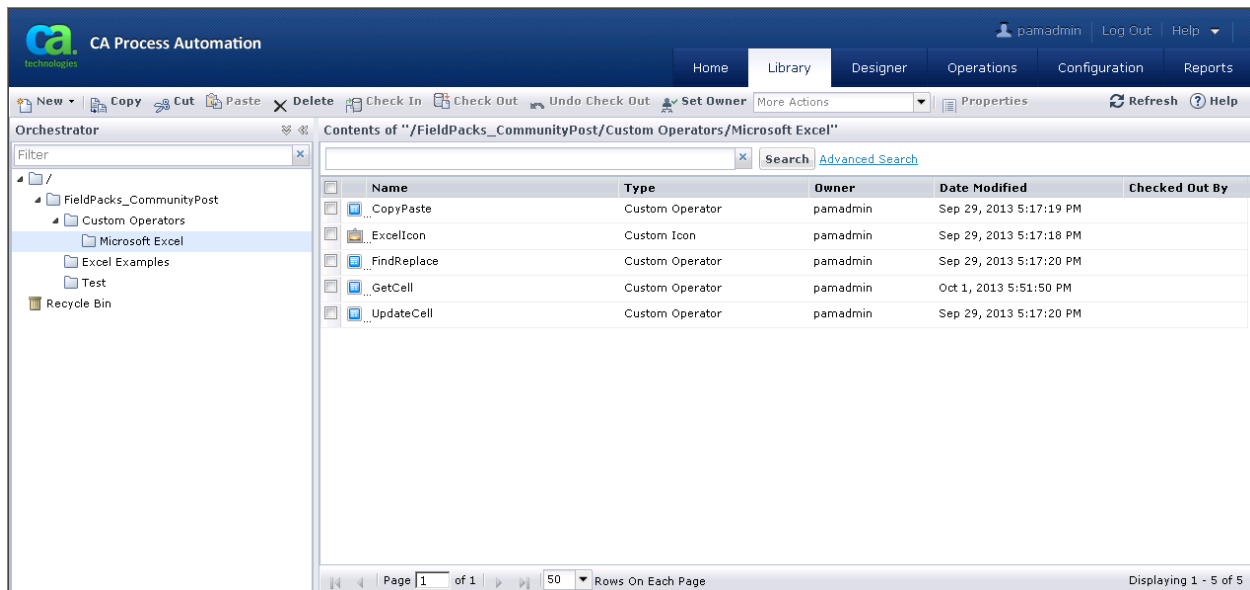g) Click the **Identity** tab and then select **The Interactive User**

Click OK to close the property dialog box and return to the main applications list dialog box.

Using the Operators

1. Download the Excel Examples package and extract it to your local disk. This package contains sample processes to test the Excel Custom operators
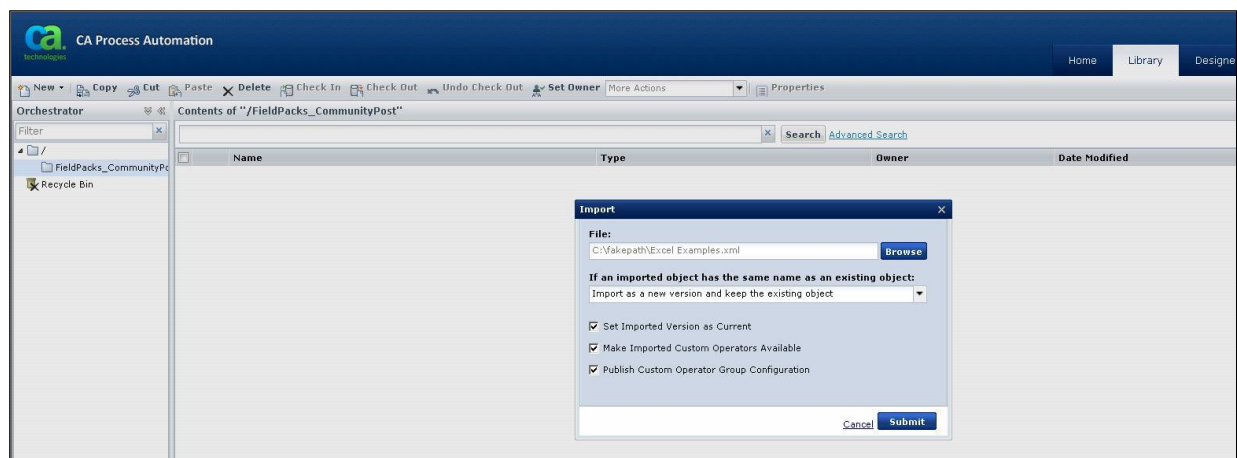

2. If you have not already imported the operators for Microsoft Excel 1.2, do so now. For example:

3. Import the Excel Examples.xml file:

4. The following process will be imported

5. Next, run the Get Cell Range process

Get Cell Range process uses two operators "GetCell" and "Write to File"

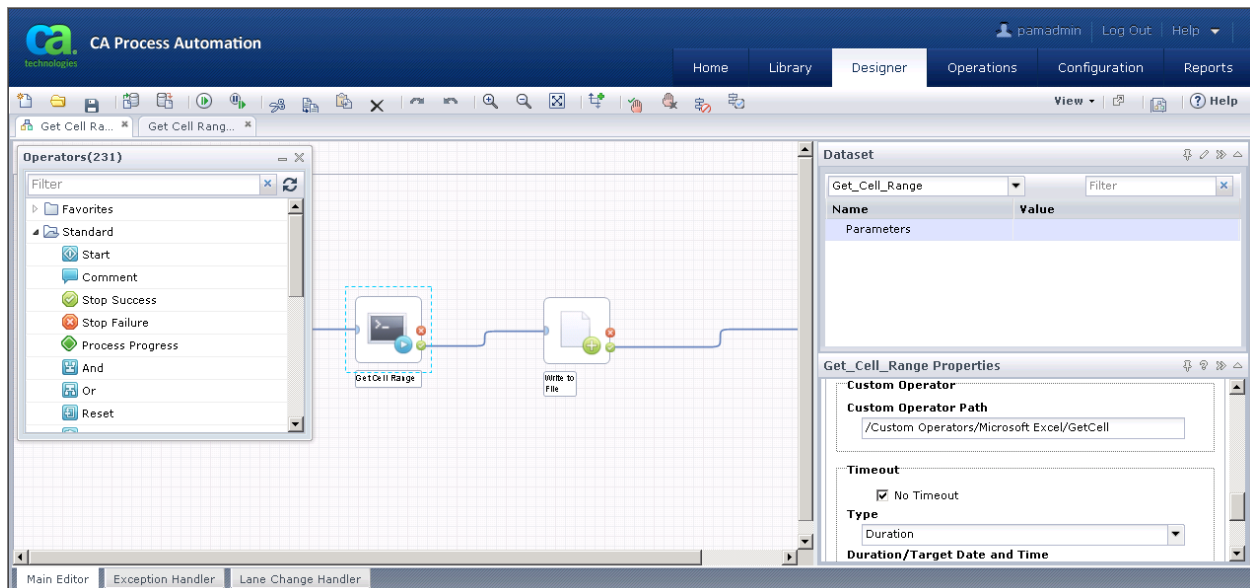6. Here we have updated the parameters to use an Excel spreadsheet sheet from the \pamtools folder. Copy sample.xls extracted from the package to pamtools.

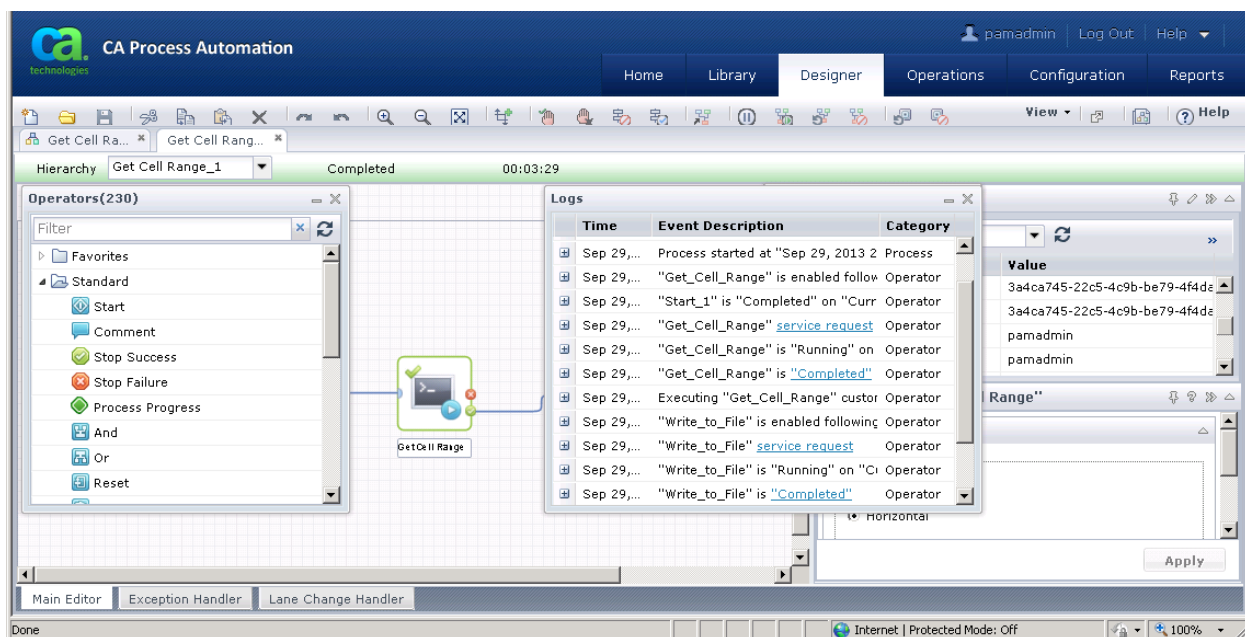The content of sample.xls is as follows. We will get range A1: C5

7. Verify that the Operator is picked up from the correct location

8. Run the process

9. Check the output.txt file for the contents of the A1:C5 cells or you can check script output for the results

Home | Library | **Designer** | Operations | Configuration | Reports

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Get Cell Ra... ✕ | Get Cell Rang... ✕

Hierarchy | Get Cell Range_156 ▾ | Completed | 00:00:25

Dataset

Get_Cell_Range ▾ | Filter ✕

Name	Value
Result	0
EndDate	Oct 1, 2013
EndTime	6:24:11 PM
▷ 📁 Excel_Data	[4]
CustomPostExecution	Successful
▲ 📁 General Settings	
File_Name	c:\pamtools\Sample.xls
Sheet_Name	Sheet1
Cell_Range	A2:C5
Delimiter	;
scriptOutput	BizApp-001;1024;1280 BizApp-002;1024;1280 ShareP
▷ 📁 Help	
▷ 📁 Script	
▷ 📁 Operation Results	

Get_Cell_Range Properties

General Settings

File Name
"c:\\pamtools\\Sample.xls"

Sheet Name
"Sheet1"

Cell Range
"A2:C5"

Delimiter
";"

Help ▽

Execution Settings ▽

Simulation ▽

Information ▽

Main Editor | Exception Handler | Lane Change Handler