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Subject: OfficeAutomation - Update Requests  
Posted by [ratah](#) on Fri, 09 Dec 2011 09:32:23 GMT  
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Hello Koldo,

I have 2 modifications I want you insert in the OfficeAutomation version.

The first one is about the bad process killing: EXCEL remains in memory even if my executable is closed.

So I use a little process killer function. Do not forget to include tlhelp32.h

```
#include <Core/Core.h>
#include <tlhelp32.h>
```

```
using namespace Upp;
```

```
#include <Functions4U/Functions4U.h>
#include <OfficeAutomation/OfficeAutomation.h>
```

```
BOOL KillProcessByName(char *szProcessToKill)
{
    HANDLE hProcessSnap;
    HANDLE hProcess;
    PROCESSENTRY32 pe32;
    DWORD dwPriorityClass;
```

```
    hProcessSnap = CreateToolhelp32Snapshot(TH32CS_SNAPPROCESS, 0); // Takes a snapshot
of all the processes
```

```
    if(hProcessSnap == INVALID_HANDLE_VALUE){
        return( FALSE );
    }
```

```
    pe32.dwSize = sizeof(PROCESSENTRY32);
```

```
    if(!Process32First(hProcessSnap, &pe32)){
        CloseHandle(hProcessSnap);
        return( FALSE );
    }
```

```
    do{
        if(!strcmp(pe32.szExeFile,szProcessToKill)){ // checks if process at current position has the
name of to be killed app
            hProcess = OpenProcess(PROCESS_TERMINATE,0, pe32.th32ProcessID); // gets handle to
process
            TerminateProcess(hProcess,0); // Terminate process by handle
            CloseHandle(hProcess); // close the handle
```

```

}
}while(Process32Next(hProcessSnap,&pe32)); // gets next member of snapshot

CloseHandle(hProcessSnap); // closes the snapshot handle
return( TRUE );
}

CONSOLE_APP_MAIN
{

try
{
// TEST XLS

OfficeSheet sheet;

bool openAvailable = sheet.IsAvailable("Open");
bool microsoftAvailable = sheet.IsAvailable("Microsoft");

if(!openAvailable && !microsoftAvailable)
{
throw Exc("MS Office n'est pas pret, le programme ne peut pas lire le fichier Excel!!");
}

if (openAvailable)
{
sheet.Init("Open");
}
else if (microsoftAvailable)
{
sheet.Init("Microsoft");
}

String ficXLS = ConfigFile("test.xls");

if (!sheet.OpenSheet(ficXLS, false))
{
sheet.AddSheet(true);

if(sheet.InsertTab("My new tab"))
sheet.SetValue(3, 21, "Hello");

sheet.SaveAs(ficXLS, "xls");
/*sheet.Quit();*/
//sheet.End(); -> HOW DO I USE THIS ???
sheet.Quit();
}
}
}

```

```
// PromptOK(AsString(LocalProcess("EXCEL").IsRunning())); -> DOES NOT WORK AS I WANT SO I USE ANOTHER FUNCTION
```

```
    KillProcessByName("EXCEL.EXE");  
}  
else  
{  
    Cout() << "test.xls already exists!!";  
}  
  
}  
catch(Exc &e)  
{  
    Cout() << e;  
}  
  
}
```

The second one concern OfficeSheet test of availability ( bool microsoftAvailable = sheet.IsAvailable("Microsoft")  
It shows the messages below if MS Office is not installed in the computer test. Could you remove these messages please.

I compiled with the nightbuilt Version 4140 of TheIDE, do not consider these requests if corrections are yet done.

Best regards,

Lova Tahina

### File Attachments

1) [message12.JPG](#), downloaded 1154 times

