AutoFlow.ServiceProvider.ProviderHighPrivilegeProgramLauncher

Description:

Launch high privilege program.

Syntax:

<AssemblyFullPathName>The full path name where ServiceClient.exe located. serviceClient.exe is the bridge where app communicate to service. </AssemblyFullPathName>

<TypeName>The ServiceClient.dll's type name. Currently you may ref example's "TypeName" element and make sure it's exactly the same with the sample.</TypeName>

<MethodName>The service function which you would like to call. Currently you may ref example's "MethodName" element and make sure it's exactly the same with the sample. </MethodName>

<!--Below parameter elements must give in exactly the same order or it may cause fail.-->”The program have to seven Params, even if the Param is empty”

<Param>

<In>Input "0" to represent no need to fill in data because program will output processID into DataTarget on below "Out" path. You may use DataSource to get the data.</In>”This value only have 0 and must be filled”

<Out target="Data target type.">Data target source file.</Out>

“If you want output processeID, out target must fill in full path.”

</ Param>

< Param>

<In>Desktop name. you may use DataSource to get the target desktop name. Empty is acceptable. You may use DataSource to get the desktop name. Desktop only limited Winsta0\Default, winsta0\Winlogon or it may cause fail.</In>”Have no default value, but Input have to assign winsta0/?”

P.S. The element decide to the program that will launch on which environment (desktop).

Winsta0\Default: User operation interface except below two states (desktop).

Winsta0\Winlogon: ex. User log in/out or UAC pop-up states (desktop)

<Out>Option. You can ignore this element. If you write this element and give DataTarget path, program will write desktop name you defined in “In” element .</Out>

</Param>

<Param>

<In>Session ID. Must have. Only allowed positive number or -1. -1 means current active session ID(Recommanded). Please input current session ID or it may cause fail. You may use DataSource to get the session ID.</In>

Ex: If system have two user , session 0 mean service system; session 1 is user1 system; session 2 is user2 system.

<Out> Option. You may ignore this element. If you write this element and give DataTarget path, program will write session ID you defined in “In” element .</Out>

</Param>

<Param>

<In>App's full path name. You may use DataSource to get the full path name. Must have.</In>”What’s Ap will be launched”

<Out> Option. You can ignore this element. If you write this element and give DataTarget path, program will write app full path name you defined in “In” element .</Out>

</Param>

<Param>

<In>Command line which app will need. Can be empty. You may use DataSource to get the command line.</In>”If the above program need type command”

<Out> Option. You can ignore this element. If you write this element and give DataTarget path, program will write command line you defined in “In” element .</Out>

</Param>

<Param>

<In>Working directory. Empty is acceptable. You may use DataSource to get the working directory.</In>”If the above execution program have full path, working directory could be empty.”

<Out> Option. You can ignore this element. If you write this element and give DataTarget path, program will write working directory you defined in “In” element .</Out>

</Param>

<Param>

<In>Seconds which parent process is going to wait until new process is close. Must have. Only accept positive number except -1. -1 means parent process will wait until new process close; 0 means parent process won't wait after creating process. You may use DataSource to get the waiting time.</In>

<Out> Option. You can ignore this element. If you write this element and give DataTarget path, program will write seconds you defined in “In” element .</Out>

</Param>

Example:

”Notepad will be launch on Winsat0/default ststes and the type UTRepository content, the activity write the result in report when this activity do finished all actions. .“

<AssemblyFullPathName>C:\TestRunnerFolder\ServiceClient.exe</AssemblyFullPathName>

<TypeName>AutoFlow.ServiceClient</TypeName>

<MethodName>ProviderHighPrivilegeProgram</MethodName>

<Param>

<In>0</In>

<Out target="XmlFile">UTRepository.xml|/Repository/ProcessID</Out>

</Param>

<Param>

<In>Winsta0\Default</In>

</Param>

<Param>

<In>-1</In>

</Param>

<Param>

<In>C:\Windows\System32\notepad.exe</In>

</Param>

<Param>

<In source="XmlFile">UTRepository.xml|/Repository/NotePad/CommandLine</In>

</Param>

<Param>

<In>C:\Windows\System32\</In>

</Param>

<Param>

<In>-1</In>

</Param>