Subject: Re: not so IDL related... Command line auto-feed
Posted by Jean H. on Tue, 08 Jul 2008 16:53:08 GMT

Rick,

Thanks for the info! ... I will go with Bob's suggestion as it is very
easy to implement..   and I will keep yours for the day that this kind
of process has to be down in the "middle" of another program! Thanks a lot!

Jean

Rick Towler wrote:
> I would first try one of the many mouse/keyboard "macro" utilities.
> Something like www.autohotkey.com. I haven't used this one in
> particular (and I can't remember what program I used to do something
> like this in the past) but most of these allow you to create text based
> scripts that drive the application. Once you work out the details you
> can write a program in IDL that creates the scripts given your inputs.
>
> Another option would be to do it in VB. I've done this successfully as
> well. Something like:
>
> Imports System.IO
> Imports System.Diagnostics
> Imports Microsoft.Win32
>
> Private Declare Sub Sleep Lib "kernel32" (ByVal dwMilliseconds As Long)
> Private psInfo As System.Diagnostics.ProcessStartInfo
> Private process As process
>
> exeFile = "notepad.exe"
> psInfo = New System.Diagnostics.ProcessStartInfo(exeFile)
> process = System.Diagnostics.Process.Start(psInfo)
>
> process.WaitForInputIdle(3000)
> System.Windows.Forms.SendKeys.SendWait("This is a test...")
> System.Windows.Forms.SendKeys.SendWait("%f")
> Sleep(500)
> System.Windows.Forms.SendKeys.SendWait("s")
> Sleep(500)
> System.Windows.Forms.SendKeys.SendWait("test.txt")
> Sleep(500)
> System.Windows.Forms.SendKeys.SendWait("%s")
> sleep(500)
>
>

> You would of course want the application to read the inputs from a text
> file, start the process, send the inputs, monitor the process and then
> loop when the process exits. I don't know if there is an "isRunning"
> property for the System.Diagnostics.Process class. My guess is that
> there is something you could use.
>
> Good luck!
>
> -Rick
>
>
>
>
> Jean H wrote:
>> Hi all,
>>
>> sorry for the misuse of this forum... though one of the smart here may
>> be of great help!
>>
>> Ok, I have to process about 200 files though a program called dem2xyzn
>> (for USGS DEM files). This program runs only under windows (and dos),
>> and have basically no support. You start the program, then it ask for
>> the name of the input file, then for the name of the output file, then
>> if you are sure you want to continue etc.
>>
>> I want to automate all of this...
>> There seems to be no way of specifying the parameters values (input,
>> output) when calling the program.
>>
>> Is there a way to have a text being written in the current dos window?
>> something that would look like, in pseudo-code:
>>
>> -call the program
>> -write input1
>> -write input2
>> -write any letter to tell the prog to continue
>> =start again with another set of input?
>>
>> I have tried to do a batch file, but the "write input1" get executed
>> after the program has resumed...
>>
>> Any help of hints would be greatly appreciated!!!
>> Jean