

Re: How do I execute dos command without a path

Source:

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From: PAPutzback (*Phillip_Putzback_at_insightbb.com*)

Date: 12/16/04

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PAPutzback wrote:

```
> Herfried K. Wagner [MVP] wrote:
>
>> "PAPutzback" <phillip_putzback@insightbb.com> schrieb:
>>
>>> The process and execute methods want a path to the executable otherwise
>>> they kick out a file not found. So how can I execute the following. It
>>> works fine from a command window.
>>>
>>> echo password| gpg.exe --yes --output c:\working\inbound\test.txt
>>> --passphrase 0 -d c:\working\inbound\anstest.gpg
>>>
>>>
>>> Are you sure you specified everything after "gpg.exe" in the
>>> 'ProcessStartInfo's 'Arguments' property instead of appending it to
>>> the 'FileName' property?
>>>
>>>
> No arguments -Error: cannot find file specified
> System.Environment.CurrentDirectory = "c:\gnupg"
> GPGProcess.StartInfo.WorkingDirectory = "c:\gnupg"
> GPGProcess.StartInfo.FileName = "echo little boy blue| gpg"
> GPGProcess.StartInfo.CreateNoWindow = True
> GPGProcess.StartInfo.UseShellExecute = False
> GPGProcess.Start()
>
> No space between pipe and the executable = same error
>
> Add .exe = same error
>
> Add the full path "echo little boy blue| c:\gnupg\gpg.exe" = same error
>
> Paste this into a cmd window
>
> C:\gnupg>echo little boy blue| c:\gnupg\gpg.exe
> gpg: no valid OpenPGP data found.
```

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> *gpg: processing message failed: eof*
>
> *I know the command is valid and this variation works also*
> *C:\gnupg>echo little boy blue| gpg.exe*
> *gpg: no valid OpenPGP data found.*
> *gpg: processing message failed: eof*
>
> *And also*
> *C:\gnupg>echo little boy blue| gpg*
> *gpg: no valid OpenPGP data found.*
> *gpg: processing message failed: eof*
>
> *Put the arguments on*
> *C:\gnupg>echo little boy blue| gpg --passphrase-fd 0 -d*
> *c:\gnupg\anstest.gpg*
> *Reading passphrase from file descriptor 0*
>
> *You need a passphrase to unlock the secret key for*
> *user: "Indiana Prohealth <admin@ecommunity.com>"*
> *1024-bit ELG-E key, ID 778EBE0E, created 2004-12-07 (main key ID FA28FB8B)*
>
> *gpg: encrypted with 1024-bit ELG-E key, ID 778EBE0E, created 2004-12-07*
> *"Indiana Prohealth <admin@ecommunity.com>"*
> *This is a test of the emergency broadcast system...*
>
> *BEEEEEEEEEEEEEEEEEEEEPPPPPPPPPPPPPPPPPPPP!!!!*
>
> *Testing 1,2,3...*
>
> *Testing 1,2,3...*
>
> *Testing 1,2,3...*
>
> *Testing 1,2,3...*
>
> *Testing 1,2,3...*
>
> *Testing 1,2,3...*
>
> *And it all works.*
>
> *Is there not a straight up way to fire off a command like you were in*
> *the command window?*
>
> *I appreciate your help with this because I am really stressed about*
> *this. It is the final link in an app I need to finish.*
>

Now without the echo command

```
System.Environment.CurrentDirectory = "c:\gnupg"  
GPGProcess.StartInfo.WorkingDirectory = "c:\gnupg"  
GPGProcess.StartInfo.FileName = "gpg.exe"
```

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```
GPGProcess.StartInfo.CreateNoWindow = True  
GPGProcess.StartInfo.UseShellExecute = False  
GPGProcess.Start()
```

No errors and the gpg process is running in Task manager

With the arguments

```
GPGProcess.StartInfo.Arguments = "--yes --output c:\gnupg\test.txt  
--passphrase-fd 0 < c:\gnupg\gpg\password.txt --decrypt  
c:\gnupg\anstest.gpg"
```

It is running in task manager but it did not create the file

If I change GPGProcess.StartInfo.CreateNoWindow = false

I get this and it just hangs there.

Reading passphrase from file descriptor 0 ...

If I change the arguments to

```
GPGProcess.StartInfo.Arguments = "--yes --output c:\gnupg\test.txt  
--decrypt c:\gnupg\anstest.gpg"
```

I get the passphrase prompt

If I add

```
GPGProcess.StartInfo.RedirectStandardInput = True  
GPGProcess.Start()  
GPGProcess.StandardInput.Write("little boy blue")  
GPGProcess.StandardInput.Flush()  
GPGProcess.StandardInput.Close()
```

It still hangs at the passphrase prompt

-Phil