

## Re: Executing an application inside a Service

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-12/0409.html>

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**From:** Chakkaradeep (*Chakkaradeep\_at\_discussions.microsoft.com*)

**Date:** 12/01/04

Date: Wed, 1 Dec 2004 09:53:09 -0800

Hi,

sorry friends,i forgot to add someting IMPORTANT in previous post...i opened up my Task Manager and found instances of "calc.exe" running which was started by my Service...but GUI has not shown ???.....

this service is important for me becoz am monitoring a port regularly and have to start my client application as and when i get request....

there is no means that we can start an application using Services???...if there is,then can anyone tell me code for that or link??

with regards,  
C.C.Chakkaradeep

"Chakkaradeep" wrote:

> Hi,  
>  
> My application which to be made run by my Service is a GUI application say  
> "somename.exe",service has to just make it run....for this also i need to  
> spawn a thread???  
>  
> with regards,  
> C.C.Chakkaradeep  
>  
> "Nicholas Paldino [.NET/C# MVP]" wrote:  
>  
>> Chakkaradeep,  
>>  
>> Does the account that the service is running under have the appropriate  
>> permissions? Does the application you are running have a UI, or is it a  
>> console app?  
>>  
>> --  
>> - Nicholas Paldino [.NET/C# MVP]  
>> - mvp@spam.guard.caspershouse.com

>>  
>> *"Chakkaradeep" <Chakkaradeep@discussions.microsoft.com> wrote in message*  
>> *news:7D37DC29-255F-4FEA-B1B0-D62F64FAFCCE@microsoft.com...*  
>>> *Hi,*  
>>>  
>>> *My Service is a Multithreaded Server which listens for connections at a*  
>>> *particular port....if any incoming connections come,the server accepts it*  
>>> *and*  
>>> *starts an application with the parameter got from remote end by receiving*  
>>> *the*  
>>> *informations from Socket....this is what i want to do...i have developed a*  
>>> *Multithreaded Server running as service,it is working fine by sending*  
>>> *back*  
>>> *replies to clients....but am not able to execute an application....*  
>>>  
>>> *so what is my next step??...am a newbie to Services...*  
>>>  
>>> *with regards,*  
>>> *C.C.Chakkaradeep*  
>>>  
>>> *"Nicholas Paldino [.NET/C# MVP]" wrote:*  
>>>  
>>>> *Chakkaradeep,*  
>>>>  
>>>> *What's happening when you run it? Running another program from*  
>>>> *inside a*  
>>>> *service isn't the best idea in the world, especially if it has a UI. If*  
>>>> *it*  
>>>> *has a UI, then you have to let the service interact with the desktop, and*  
>>>> *even then, you can't guarantee that there will be a desktop session*  
>>>> *(there*  
>>>> *is none if no one is logged in).*  
>>>>  
>>>> *What are you trying to do?*  
>>>>  
>>>>  
>>>> *--*  
>>>> *- Nicholas Paldino [.NET/C# MVP]*  
>>>> *- mvp@spam.guard.caspershouse.com*  
>>>>  
>>>> *"Chakkaradeep" <Chakkaradeep@discussions.microsoft.com> wrote in message*  
>>>> *news:D45C58E9-5B5E-4DBF-BBAD-8C8D2E2BDF75@microsoft.com...*  
>>>>> *Hi all,*  
>>>>>  
>>>>> *i have written a Service,now i want to execute another application (for*  
>>>>> *eg;calc.exe) in the service....how will i perform it??...*  
>>>>>  
>>>>> *i tried using this....*  
>>>>>  
>>>>> */\*\*\*\*\*Executing a Process code starts here\*\*\*\*\*/*  
>>>>> *System.Diagnostics.Process proc = new System.Diagnostics.Process();*

```
> > >> > proc.EnableRaisingEvents=false;
> > >> > proc.StartInfo.FileName="calc";
> > >> > proc.Start();
> > >> > /******Executing a Process code ends here******/
> > >> >
> > >> > the above code is not working.....what is the other alternative or is
> > >> > my
> > >> > approach wrong??...
> > >> >
> > >> > with regards,
> > >> > C.C.Chakkaradeep
> > >>
> > >>
> > >>
> >
> >
```