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Thread: [start python application from c# code](#)

madeha elsayedxxxx - June 11, 2020, 6:33 am

hello every one

i am new in c# , i made python application and it compiled correctly ,
however i want to start this python application from c# code using(Process.Start(""));)
but it doesn't work!
how to run this python application from c# code
please not that the application is compiled ,
i want to run the application (not the code)

Shadow_Cloud - June 11, 2020, 9:06 am

So maybe show us some code and an error? Process.Start should work?

SaketSaket - June 11, 2020, 1:14 pm

Is this useful for you...?

```
Quote:public string run_cmd(string cmd, string args)
{
    ProcessStartInfo start = new ProcessStartInfo();
    start.FileName = "PATH_TO_PYTHON_EXE";
    start.Arguments = string.Format("\"{0}\" \"{1}\"", cmd, args);
    start.UseShellExecute = false; // Do not use OS shell
    start.CreateNoWindow = true; // We don't need new window
    start.RedirectStandardOutput = true; // Any output, generated by application will be
redirected back
    start.RedirectStandardError = true; // Any error in standard output will be redirected back
(for example exceptions)
    using (Process process = Process.Start(start))
    {
        using (StreamReader reader = process.StandardOutput)
        {
            string stderr = process.StandardError.ReadToEnd(); // Here are the exceptions from
our Python script
            string result = reader.ReadToEnd(); // Here is the result of StdOut(for example: print
"test")
            return result;
        }
    }
}
```

madeha elsayedxxxx - June 11, 2020, 2:12 pm

(Jun 11, 2020 09:06 AM)Shadow_Cloud Wrote: [\[CITE\]](#) So maybe show us some code and an
error? Process.Start should work?there wasnot any error
if i double click to python application , it runs correctly
if i use process.start(c# code) it dosont run

FrenchTech - June 11, 2020, 4:08 pm

Try this code:

```
Quote:    string fileName = @"C:\your_script_name.py";

    Process p = new Process();
    p.StartInfo = new ProcessStartInfo(@"C:\Python27\python.exe", fileName) // full path to
python path + script
    {
        RedirectStandardOutput = true,
        UseShellExecute = false,
        CreateNoWindow = true
    };
    p.Start();

    string output = p.StandardOutput.ReadToEnd();
    p.WaitForExit();

    Console.WriteLine(output);
```

Accord - June 11, 2020, 4:55 pm

Does your python already in executable format or still in .py extension??

madeha elsayedxxxx - June 12, 2020, 11:14 am

(Jun 11, 2020 04:55 PM)Accord Wrote: [\[CITE\]](#) Does your python already in executable format or still in .py extension?? in executable format

XaXBioX - June 16, 2020, 5:44 pm

make new process and add your python application agreements