

Re: Starting New Process

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2006-06/msg00176.html>

- *From:* "D" <duncanm255@xxxxxxxxxxx>
 - *Date:* 1 Jun 2006 12:24:47 -0700
-

Sorry, I should've specified – I'm familiar with sockets, but I was referring to spawning a 'vi' process independent of my Python app..

Carl wrote:

D wrote:

Thanks, Jean-Paul – is there any way to do it without using Twisted, since I am not very familiar with it? (i.e. just using the os library)
Thanks.

Jean-Paul Calderone wrote:

On 1 Jun 2006 07:34:23 -0700, D
<duncanm255@xxxxxxxxxxx> wrote:

Hello, I need to write a server program that performs the following tasks:

- 1) Listens on TCP port 5555 for a connection
- 2) When client connects, launches application (for example, vi), then closes connection with client
- 3) Goes back to listening on TCP port 5555 for an incoming connection

Untested:

```
from twisted.internet import protocol, reactor
```

```
class ViRunner(protocol.Protocol):  
    def connectionMade(self):  
        reactor.spawnProcess(  
            None,
```

Re: Starting New Process

```
'usr/bin/setsid',  
['setsid', 'usr/bin/vi'])  
self.transport.looseConnection()
```

```
f = protocol.ServerFactory()  
f.protocol = ViRunner  
reactor.listenTCP(5555, f)  
reactor.run()
```

Jean-Paul

Use import socket if you don't want to use twisted (which is incredibly good). Google for "+socket +python +server" and you will find what you are looking for.

See, for example,

<http://flopsie.comp.glam.ac.uk/Glamorgan/gaius/wireless/5.html>

Carl