
Subject: Re: memory/spawn problems

Posted by [Vince Hradil](#) on Tue, 30 Sep 2008 17:11:04 GMT

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On Sep 30, 11:42 am, Mark <astrobo...@gmail.com> wrote:

> Hello.

>

> I'm running a program which essentially does this:

>

> aa= { big big structure of some sort}

> main=replicate(aa, 10,10)

> ;crunch a few numbers, make a few plots, everything is great, then:

>

> spawn,'date',out

>

> at which point I get the following error:

>

> % SPAWN: Error managing child process.

> Resource temporarily unavailable

> % Execution halted at:

>

> OK, I figured I blew out the memory, so I did this:

>

> aa= { big big structure of some sort}

> main=replicate(aa, 10,10)

> main=main(2:6,2:6)

> ;crunch a few numbers, make a few plots, then:

>

> spawn,'date',out

>

> Same error, same place in the code. Since main is now 25% of its

> original size I'm starting to doubt this is a problem with memory.

>

> The only thing I can think of is that the code uses alot of spawn

> commands for minor things, such as 'date', 'pwd', etc. All one line

> things, nothing complicated at all. Even if using spawn without the /

> noshell keyword requires more overhead/memory, it seems like the

> program would chug on a bit longer with the main array 1/4 its

> original size.

>

> If anyone has an idea as to what might be happening I'd appreciate it

> alot! I'm afraid I'm clueless at this point.

>

> Thanks,

>

> Mark

1 - have you tried doing the "spawn" from the command line, not in the

program.

2 - have you tried using `system()` [and `cd` instead of `spawn`, `'pwd'`, etc.]
