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Subject: SPAWN result

Posted by [khyde](#) on Thu, 12 May 2016 13:19:22 GMT

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Hello,

I have a wget spawn command that runs every night and is terminated in the morning by another program if it has not finished downloading. What I would like to know is how can I tell if the process completed on its own or was terminated. I've tried including RESULT and ERROR in the call, but they both return empty strings.

SPAWN, WGET\_CMD, WGET\_RESULT, WGET\_ERROR

Is there anyway to figure out if this job completed or was terminated? I could check the last line of the log file, but I was hoping there was an easier way.

Thanks,  
Kim

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Subject: Re: SPAWN result

Posted by [jiashenyue](#) on Thu, 12 May 2016 14:15:14 GMT

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On Thursday, May 12, 2016 at 6:19:24 AM UTC-7, KH wrote:

> Hello,

>

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> SPAWN, WGET\_CMD, WGET\_RESULT, WGET\_ERROR

>

> Is there anyway to figure out if this job completed or was terminated? I could check the last line of the log file, but I was hoping there was an easier way.

>

> Thanks,

> Kim

Good question. And this is a major shortcoming of SPAWN. I was always using SPAWN under Mac OS X and I found the only way to track if the session has finished is by looking at the tasks and threads from the Activity Monitor of the system. If you are using Windows, you may have to track it from the Task Manager of the system. SPAWN does not provide any verbose output even if your own program is written in this way.

Not sure if the following link from this group is somewhat helpful but you can give it a try.

[https://groups.google.com/forum/?utm\\_source=digest&utm\\_medium=email#!topic/comp.lang.idl-pvwave/8RTM6eBUHzY](https://groups.google.com/forum/?utm_source=digest&utm_medium=email#!topic/comp.lang.idl-pvwave/8RTM6eBUHzY)

Thanks to Nata, the composer of this library!

Shenyue

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Subject: Re: SPAWN result

Posted by [Markus Schmassmann](#) on Fri, 13 May 2016 10:05:09 GMT

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On 05/12/2016 04:15 PM, SHENYUE JIA wrote:

> On Thursday, May 12, 2016 at 6:19:24 AM UTC-7, KH wrote:

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>> program if it has not finished downloading. What I would like to know is how can I tell if the

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> it from the Task Manager of the system. SPAWN does not provide any verbose output even if your own

> program is written in this way.

>

> Not sure if the following link from this group is somewhat helpful but you can give it a try.

>

> CPU Process Manager Library / Parallel Processing

>

> [https://groups.google.com/forum/?utm\\_source=digest&utm\\_medium=email#!topic/comp.lang.idl-pvwave/8RTM6eBUHzY](https://groups.google.com/forum/?utm_source=digest&utm_medium=email#!topic/comp.lang.idl-pvwave/8RTM6eBUHzY)

>

> Thanks to Nata, the composer of this library!

have you tried this?

SPAWN, WGET\_CMD, WGET\_RESULT, WGET\_ERROR, EXIT\_STATUS=variable

not sure it will do what you need, but if it should if I remember wget correctly

Markus

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Subject: Re: SPAWN result

Posted by [Haje Korth](#) on Fri, 13 May 2016 11:36:33 GMT

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The result information contains the process ID. Note that on Unix the command must not end with & or the result will be empty. Once you have the process id you can use a spawn to ps, parse the output to check whether the process is alive. Since the spawn process is blocking, you may have to use the IDL Bridge if you want your application to continue.

On Thursday, May 12, 2016 at 9:19:24 AM UTC-4, KH wrote:

> Hello,

>

> I have a wget spawn command that runs every night and is terminated in the morning by another program if it has not finished downloading. What I would like to know is how can I tell if the process completed on its own or was terminated. I've tried including RESULT and ERROR in the call, but they both return empty strings.

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> SPAWN, WGET\_CMD, WGET\_RESULT, WGET\_ERROR

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> Thanks,

> Kim

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Subject: Re: SPAWN result

Posted by [khyde](#) on Fri, 13 May 2016 12:10:23 GMT

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Thanks for the ideas. I found the easiest thing for me to do right now is check the last line of the log file and if it doesn't start with "Downloaded:" then I know the wget step did not complete.  
Kim

On Friday, May 13, 2016 at 7:36:36 AM UTC-4, Haje Korth wrote:

> The result information contains the process ID. Note that on Unix the command must not end with & or the result will be empty. Once you have the process id you can use a spawn to ps,

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