
Subject: Re: getpid in Mac OS X

Posted by [Miguel Angel Cordoba](#) on Mon, 14 Jun 2004 13:07:15 GMT

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Thank you,

but this solution only works if only one IDL process is running. In my case there are 4 processes and I need all the PID's.

Regards.

M. Katz wrote:

> Here's a possible solution. It's more of a stopgap than anything

> elegant....

> When you spawn, 'ps' you get output that looks like this

>

> PID TT STAT TIME COMMAND 486 std Ss 0:00.27 -csh

> 614 std S+ 0:23.30 /Applications/idl_6.0/bin/bin.darwin.ppc/idl

> 734 std R+ 0:00.05 tcsh -c ps

>

> So we'll use that output to look for the corrent line, and identify

> the ID as 614 in this case

>

> === code snippet ===

> pid = -1 ;--- default value means unknown PID

>

> if (!version.os EQ 'darwin') then begin ;--- we're on a Mac

> spawn, 'ps', list ;--- this returns a long list of processes

> ;--- My IDL app lives in /Applications, so here I'm looking for

> a

> ; line that has "/Applications" and "idl" in the line.

> ; If your IDL app lives somewhere else, change this to

> something else

> ;--- Find which process might be the right one.

> w = where((strpos(list, 'Applications') GT 0) and (strpos(list,

> 'idl') GT 0), count)

> if (count GT 0) then \$

> pid = long((strsplit(list(w), ' ', /EXTRACT))(0))

> endif

> === end of code snippet ===

>

> Miguel Angel Cordoba <cordoba_nospam@grahi.upc.es> wrote in message
news:<40C9B961.8000605@grahi.upc.es>...

>

>

>> Hi,

>> I want to get the process identification (pid) of my IDL. In

>> Linux I get the pid calling:

```
>>
>> pid=CALL_EXTERNAL('/usr/lib/i686/libc.so.6','getpid')
>>
>> but this library doesn't exist in Mac Os X. I had probed with
>> the '/usr/lib/libc.dylib' but didn't work. Any ideas?
>>
>> IDL>pid=CALL_EXTERNAL('/usr/lib/libc.dylib','getpid')
>> % CALL_EXTERNAL: Error loading sharable exectuble.
>> Symbol: getpid, FILE=/usr/lib/libc.dylib
>> not a Mach-O MH-BUNDLE file type
>>
>> Thanks a lot.
>>
>> --
>> _____
>> Miguel Angel Cordoba
>>
>>
```

--

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