
Subject: getpid in Mac Os X

Posted by [Miguel Angel Cordoba](#) on Fri, 11 Jun 2004 13:53:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

Grup de Recerca Aplicada en Hidrometeorologia (GRAHI-UPC)
<http://www.grahi.upc.es>

Centre membre de la Xarxa d'Innovacio Tecnologica XIT
<http://www.cidem.com/xarxait>

Subject: Re: getpid in Mac OS X

Posted by [MKatz843](#) on Tue, 15 Jun 2004 16:22:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

> Any ideas?. Thank you.

Here's what I do. Every time I run IDL, I run a startup procedure that sets certain system variables and such. You can create a !PID system variable.

- 1) As IDL is starting up, use the methods outlined previously to find all IDL PIDs.
- 2) Choose the highest numbered PID and assign that to !PID

Then for the duration of your IDL session, each IDL job will know its own PID.

M. Katz
