
Subject: Re: Porting code from Solaris 2.x to Linux
Posted by [marq](#) on Tue, 01 Oct 1996 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <32502B5A.12E7@bial1.ucsd.edu> David Foster <foster@bial1.ucsd.edu> writes:

- > Does anyone have any experiences to share regarding the
- > porting of code from the Solaris 2.X environment to a
- > Linux system set up on a PC (486, Pentium, etc.)?
- >
- > I have two major concerns:
- >
- > 1. We use CALL_EXTERNAL to call sharable-object
- > C routines frequently, and so would need this
- > to work, and would need to be able to compile
- > our routines into sharable object files.

This does not work with the current version of IDL (which is 4.0.1) because that release is in a.out format - no 'real' shared libraries. RSI has kept people telling that call_external as well as linkimage _will_ be available with 5.0 - but that's not out yet.

- > 2. We also frequently use SPAWN to call various
- > UNIX system calls (ls, chmod, cat, etc.).

No problem here. I'm running spawns all the time, including using bidirectional pipes - works flawlessly

- > Can anyone give me an idea about how smooth this
- > transition might be?

Hope this helps..

Chris.

--

Christian Marquardt

Meteorologisches Institut der | tel.: (+49) 30-838-71170
Freien Universitaet Berlin | fax.: (+49) 30-838-71167
Carl-Heinrich-Becker-Weg 6-10 | email: marq@strat01.met.fu-berlin.de
D-12165 Berlin |
