Subject: Re: 64 bit DLMS

Posted by Randall Skelton on Thu, 27 Mar 2003 19:41:07 GMT

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I have some DLMs that seem to work fine on Sun/Digital 64 bit machines. I did have to migrate a few inherited routines that relied on a series of clever bit-wise operations using assumed 32-bit memory addressing and hard-coded 32-bit hex. Otherwise, I had no troubles;)

A search on google for 'migrating 32 64 bit' returns a few hits. I don't think there was one particular reference that I found helpful.

Cheers, Randall

On Thu, 27 Mar 2003, Ed Wright wrote:

To: IDL DLM YodasFrom: Ed Wright

>

> Concerning DLM use on Solaris 64 bit architecture...

>

- > I built an extensive DLM which seems to fail in an odd way when used in a 64
- > bit environment. Before I dig into this, does the community know of required
- > modifications or common errors when porting a DLM to 64 bits?

>

- > As always,
- > Ed Wright

Subject: Re: 64 bit DLMS

Posted by Ed Wright on Thu, 27 Mar 2003 19:52:21 GMT

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> Define "fail in an odd way". >:)

The opposite of failing in a non-odd way, i.e. reporting the problem and the details on exactly how to fix it. B-)

The error:

% CSPICE_DPR: Error loading sharable executable.

Symbol: IDL_Load, File = /home/guested/tspice/lib/icy.so

ld.so.1: /opt/rsi/idl/bin/bin.solaris2.sparc64/idl: fatal:

relocation error: R SPARC WDISP30: file

/home/guested/tspice/lib/icy.so: symbol strlen: value

0x61d9fcd2 does not fit

As always, Ed Wright

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