
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 Yodas
> From: 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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