Subject: Re: LONG - reads 4 or 8 bytes??
Posted by David Fanning on Tue, 12 Dec 2006 21:39:03 GMT
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subir writes:

- > I would appreciate if someone could help me with a problem that we are
- > having. I am trying to use the LONG function to convert bytes in to a
- > longword.

>

- > On the first workstation (Solaris 10, PV-Wave v 8.51) LONG reads 8
- > bytes from the input byte array. However, on the second workstation
- > (Solaris 10, PV-Wave v8.50), LONG reads only the first 4 bytes! Is
- > there a configuration setting that needs to be set for LONG to read 8
- > bytes instead of 4. Has anybody out there had a similar problem?

This sounds, well, unlikely. What evidence do you have for it?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: LONG - reads 4 or 8 bytes??

Posted by Rick Towler on Tue, 12 Dec 2006 23:12:42 GMT

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Are you running the 64-bit version on one machine and the 32-bit version on the other?

Try print, !Version or PV-Wave's equivalent.

-Rick

subir wrote:

- > Hi All,
- >
- > I would appreciate if someone could help me with a problem that we are
- > having. I am trying to use the LONG function to convert bytes in to a
- > longword.

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bytes instead of 4. Has anybody out there had a similar problem?
Please let me know if you need more information of the environment in
which we are running.
Thanks!

Subject: Re: LONG - reads 4 or 8 bytes??
Posted by subir.vasanth on Wed, 13 Dec 2006 16:37:55 GMT
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Thanks for your reply Rick. Here is the output of running the 'print, !Version' on the two workstations.

 Workstation on which LONG reads 4 bytes WAVE> print, '!Version { sparc solaris 8.50 sun4}

 Workstation on which LONG reads 8 bytes WAVE> print, "!Version" { sparc solaris64 8.51 b sun4}

Any ideas on how to change the PV-Wave configuration to run the 64-bit version?

Thanks, Subir

Rick Towler wrote:

> Are you running the 64-bit version on one machine and the 32-bit version

> on the other?

> Try print, !Version or PV-Wave's equivalent.

> -Rick

>

> subir wrote:

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- >> which we are running.

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>> Thanks!

>>

Subject: Re: LONG - reads 4 or 8 bytes??
Posted by Rick Towler on Wed, 13 Dec 2006 17:25:17 GMT
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subir wrote:

- > Thanks for your reply Rick. Here is the output of running the 'print,
- > !Version' on the two workstations.

>

- > Workstation on which LONG reads 4 bytes
- > WAVE> print, '!Version
- > { sparc solaris 8.50 sun4}

>

- > Workstation on which LONG reads 8 bytes
- > WAVE> print, "!Version"
- > { sparc solaris64 8.51 b sun4}

>

- > Any ideas on how to change the PV-Wave configuration to run the 64-bit
- > version?

Just a guess, but look in your PV-Wave install directory and see if there are 2 executables. Many vendors ship both a 32 and 64-bit version of their program with their 64-bit version. It might be as simple as changing your symlink to point to pvwave64 or something like that.

It's been a while since I installed PV-Wave. The newest version I have around here is 2.01:) I don't know what's fashionable these days. /var? /usr/local? Poke around and you should be able to find the install dir.

Worst case, PV-Wave ships separate 32 or 64-bit versions and you'll have to install the 64-bit version.

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> Thanks,
> Subir
> Rick Towler wrote:
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>> on the other?
>>
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```