
Subject: PVWave, IRIX and o32/n32 objects
Posted by [Adrian Clark](#) on Fri, 08 Oct 1999 07:00:00 GMT
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Dear All,

I am trying to compile a number of applications linking pwwave objects/shared objects with objects from other products.

The difficulty I am encountering is that the PVWave objects are in o32 format while the objects from the other products are all in n32 format. It is impossible to combine these incompatible formats, and the only sensible way round would be if I could obtain PVWave n32 objects.

The last thing I heard was that VNI had no intention of releasing PVWave objects in n32 format. Does anybody know if this is still the case? Are n32 objects available under the recently released version 7.0 of PVWave?

Thanks for any help.

apc

Subject: Re: PVWave, IRIX and o32/n32 objects
Posted by [rmlongfield](#) on Thu, 14 Oct 1999 07:00:00 GMT
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In article <01bf118d\$d36e37e0\$160b9482@basit47307033>,
"Adrian Clark" <adrian.clark@gecm.com> wrote:
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> objects/shared objects with objects from other products.
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> Thanks for any help.
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Hi Adrian,

I use IDL on a Silicon Graphics and had similar trouble recently when the operating system was upgraded to 6.2 (which meant n32). I had to re-compile my C programs with a flag for -o32. Then I was able to use them in IDL. Maybe this will work for you also.

I heard that the standard for SG is going to be n32 in the future so PVWAVE will eventually be forced to comply with it. IDL also isn't ready for it, as far as I know. There was some discussion on this group about this a while ago (Try doing a search for n32 and o32). This included someone who understood the problem more than I.

Rose

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Subject: Re: PVWave, IRIX and o32/n32 objects
Posted by [Adrian Clark](#) on Fri, 15 Oct 1999 07:00:00 GMT
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Hi Rose,

Thanks for your response.

Unfortunately compiling with the -o32 flag won't work as this will fail to link in n32 objects from IRIS Explorer.

However, I recently discovered that PV-Wave v7.0 is compiled with n32 - so my problem should be solved :-)

I don't know if this is of interest to you, but I understand that IDL 5.2.1 is built on n32 for IRIX (whereas 5.2 is o32), so perhaps this will help with your applications.

Adrian

rmlongfield@my-deja.com wrote in article <7u42v9\$6g6\$1@nnrp1.deja.com>...

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> Sent via Deja.com <http://www.deja.com/>
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Subject: Re: PVWave, IRIX and o32/n32 objects
Posted by [rmlongfield](#) on Mon, 18 Oct 1999 07:00:00 GMT
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In article <01bf16ea\$abee6930\$160b9482@basit47307033>,
"Adrian Clark" <adrian.clark@gecm.com> wrote:
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help
> with you applications.
>
> Adrian
>

Hi Adrian,
Glad to hear about PVWAVE's upgrade. Thanks for the warning about
IDL.
Rose

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Before you buy.
