
Subject: Re: what IDL version should be installed on a 64-bit redhat linux, SGI (MIPS) machine ?

Posted by [Jo Klein](#) on Sun, 25 Jun 2006 17:52:12 GMT

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> We have a SGI (MIPS) machine with 64-bit redhat linux.
> I installed 64_bit_linux_x86 version of IDL6.2. The SGI machine has

Hi Weihua,

This can't be right - x86 isn't MIPS. I assume you're running one of the Altix systems. In that case, I'm afraid that as far as I know, there's no native IDL for your architecture, and that's what affects your performance. You may be running IDL in hardware emulation, which has a severe penalty on performance.

Get the Intel IA-32 Execution Layer. I think SGI will be able to provide you with a pre-packaged version of this, but you will always lose some performance if you don't run natively. You have to make sure that IDL is started using that emulation layer rather than the processor built-in emulation, see the manual.

You may want to check out GDL, the open source IDL clone, if you don't need widgets on that server.

Other things to check is how your graphics get to your screen - are you running locally? Or are you running an X client over the network? This can be really slow, especially if the network is in heavy use or has configuration errors (half/full-duplex mismatch and the like). Try VNC as an alternative to remote X.

Hope this helps

Jo
