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Subject: Re: IDL problem under Mandrake Linux  
Posted by [Paul van Delst](#) on Mon, 13 Nov 2000 08:00:00 GMT  
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"J.D. Smith" wrote:

>  
> "David G. Grier" wrote:  
>>  
>> Hi All,  
>>  
>> I've just upgraded my Mandrake Linux distribution to version 7.2 and  
>> IDL has stopped  
>> working in a strange and interesting way:  
>>

<Snip>

>>  
>> IDL seems to be having internal trouble with integer data types,  
>> setting them all to 0.  
>> This is the case with both IDL 5.3 and 5.4. IDL worked fine under  
>> Mandrake 7.1, suggesting  
>> that this is a library version incompatibility. Has anyone else seen  
>> such behavior, and  
>> is there a workaround (short of downgrading to 7.1 -- very undesirable)?  
>>  
>  
> No such troubles with RH7.0. It's /lib/libc-2.1.94.so, so you might  
> check if Mandrake uses a substantially updated glibc.

And, to be fair, this sort of problem can occur with other distributed linux executables. I had a similar problem with all my compilers (from a number of different vendors) in going from RH5.X -> 6.1. The RSI literature doesn't even guarantee that IDL 5.4 (built using glibc 2.1 BTW for those linux users maybe looking to upgrade) will work on RH6.0/6.2 out of the box (their words are "...it is possible you can install and run IDL on your version.")

I'm sure the RSI tech support people can help. They jumped on and resolved my 5.4 licensing problem supa-quick.

paulv

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Subject: Re: IDL problem under Mandrake Linux  
Posted by [John-David T. Smith](#) on Mon, 13 Nov 2000 08:00:00 GMT  
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"David G. Grier" wrote:

>  
> Hi All,  
>  
> I've just upgraded my Mandrake Linux distribution to version 7.2 and  
> IDL has stopped  
> working in a strange and interesting way:  
>  
> IDL> help, 2.D  
> <Expression> DOUBLE = 2.0000000  
> IDL> help, 2  
> <Expression> INT = 0  
> IDL> help, 2L  
> <Expression> LONG = 0  
> IDL> x = findgen(100)  
> % Array dimensions must be greater than 0.  
> % Execution halted at: \$MAIN\$  
>  
> IDL seems to be having internal trouble with integer data types,  
> setting them all to 0.  
> This is the case with both IDL 5.3 and 5.4. IDL worked fine under  
> Mandrake 7.1, suggesting  
> that this is a library version incompatibility. Has anyone else seen  
> such behavior, and  
> is there a workaround (short of downgrading to 7.1 -- very undesirable)?  
>  
> Thanks in advance,  
>  
> David  
>  
> P.S. Mandrake is supposed to be RedHat compatible -- silence on the  
> newsgroup from RedHat 7  
> users suggests otherwise.

No such troubles with RH7.0. It's /lib/libc-2.1.94.so, so you might  
check if Mandrake uses a substantially updated glibc.

JD

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