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Subject: Re: "Stopped on unknown instruction" and DLMs  
Posted by [Haje Korth](#) on Thu, 16 Feb 2006 13:57:54 GMT  
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Looks like a problem in your DLM to me. Use a debugger to step through the code.

Haje

"Maurizio Tomasi" <tomasi@lambrate.inaf.it> wrote in message  
news:dt1mfg\$9n7\$1@muffin.area.ba.cnr.it...

> Hello to everybody,  
>  
> I am developing a DML module for IDL, and get the following error  
> message when calling one of the C functions of the module:  
>  
> IDL> print, open\_lama\_view ()  
> % Stopped on unknown instruction(195) at 944849017.  
> % Execution halted at: \$MAIN\$  
> IDL>  
>  
> The "open\_lama\_view" function is defined in my DLM, however I am not able  
> to understand if the error is in the C code or it is in IDL. The C  
> function is executed correctly and completed before the error is printed.  
>  
> Thanks,  
> Maurizio Tomasi.

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Subject: Re: "Stopped on unknown instruction" and DLMs  
Posted by [Karl Schultz](#) on Thu, 16 Feb 2006 16:46:28 GMT  
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On Thu, 16 Feb 2006 12:07:55 +0100, Maurizio Tomasi wrote:

> Hello to everybody,  
>  
> I am developing a DML module for IDL, and get the following error  
> message when calling one of the C functions of the module:  
>  
> IDL> print, open\_lama\_view ()  
> % Stopped on unknown instruction(195) at 944849017.  
> % Execution halted at: \$MAIN\$  
> IDL>  
>  
> The "open\_lama\_view" function is defined in my DLM, however I am not  
> able to understand if the error is in the C code or it is in IDL. The C

> function is executed correctly and completed before the error is printed.

That message is coming from the IDL interpreter because it found an instruction it didn't understand. Although I was wrong the last time I blamed a DLM for a problem like this, I think this time it is probably the case that your C DLM is damaging the memory where IDL is storing your compiled IDL code. You need to debug your DLM code as Haje suggested. Another effective technique is to disable code in your DLM and renable it a little at a time until the problem shows up again, to help you narrow it down. Although your C code did the right thing, it apparently did some other damage along the way.

Karl

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