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Subject: Re: Background job on remote machine: problems with IDL\_IDLBridge  
Posted by [borisstrel](#) on Thu, 09 Jan 2014 07:35:59 GMT  
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>  
>> On Wednesday, December 18, 2013 12:38:18 AM UTC-7, Boris wrote:  
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>>>> Hi all,  
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>>>> Just FYI, for IDL 8.3 (due out in the late fall), the IDL_IDLBridge will no longer require an X
server.
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>>>> Cheers,
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>>>> Chris
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>>>> ExelisVIS
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>>> Hi Chris,
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>
>>> IDL Version 8.3 (linux x86_64 m64). (c) 2013, Exelis Visual Information Solutions, Inc.
>
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>
>>> % Compiled module: BUILD_BRIDGES.
>
>>
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>
>>> % Loaded DLM: IDL_IDLBRIDGE.
>
>>
>
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>
>>> % IDL_IDLBRIDGE Error: WINDOW: Unable to open X Windows display.
>
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>
>>> Is your DISPLAY environment variable set correctly?
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>>> It does require X-Window.
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>>> any comments?
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>
>>> by the way, I used the trick from Mario - it is appeared that I really started the background
calculations, BUT all bridges used the same CPU.
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>>> it was about 9% load for each of 10 jobs.
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>>> The same task uses 10x100% when X-Window is there.
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>>> Thanks,
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>>> Boris.
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>>> Boris,
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>
>> Are you sure that the routine you're executing from the IDL_IDLBridge object doesn't explicitly
create a WINDOW? To simplify debugging, what do you get for output if you call this?
>
>>
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>>
>
>> IDL> b = idl_idlbridge()
>
>>
>
>>
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>>
>
>> Jim P.
>
>
>
> Hi Jim,
>
> you are right.
>
> sorry for confusion.
>
>
>
> the Bridge object was created. but sitting up the environment needed X Window for some
reason (actually what for?)
>
>
>
> IDL> a=obj_new('IDL_IDLBridge')
>
> % Loaded DLM: IDL_IDLBRIDGE.
>
> IDL> a->execute, '@' + pref_get('IDL_STARTUP')
>
> % IDL_IDLBRIDGE Error: WINDOW: Unable to open X Windows display.
>
>         Is your DISPLAY environment variable set correctly?
>
> % Execution halted at: $MAIN$
>
> IDL>
>
>
>
> this works if DISPLAY is ok.
>
```

> Boris.

ok, in the startup there was something calling X-Window

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