
Subject: IDL 8.2 IDL_IDLBridge & abortion
Posted by [Garsmat72](#) on Thu, 19 Jun 2014 22:37:05 GMT
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Hello folks,

I'm programming with IDL 8.2 and I have an issue with IDL_IDLBridge.

I use some IDL bridges to compute on large pictures.

In the code used by those bridges, the program executes a large loop. At some point in this loop, all the children stop with the abort command (status = 4). There aren't any type problem, I tested the function in the main IDL process but it doesn't create any problem.

Does anyone have an idea what's happening in the children processes?

Cheers,

Mathieu

Subject: Re: IDL 8.2 IDL_IDLBridge & abortion
Posted by [Bill Nel](#) on Fri, 20 Jun 2014 17:32:08 GMT
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Have you turned on logging (using `Obj_New("IDL_IDLBridge", output=logfilename)`)?

The child process might print an error message there. And you can write debugging output, as well.

On Thursday, June 19, 2014 6:37:05 PM UTC-4, Garsmat72 wrote:

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> Mathieu

Subject: Re: IDL 8.2 IDL_IDLBridge & abortion
Posted by [Garsmat72](#) on Tue, 24 Jun 2014 10:37:54 GMT
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Hello Rigby,

thanks for your help, the log wasn't helpful at all...

In fact, if you create IDL_IDLBridge object in a function/procedure, executes some computations in asynchronous mode (/NOWAIT) and ends the function, the garbage collector will destroy the IDL_IDLBridges; which will cause the abortion of the computations in the newly created processes.

Cheers,

Mathieu

Subject: Re: IDL 8.2 IDL_IDLBridge & abortion
Posted by [Garsmat72](#) on Tue, 24 Jun 2014 10:38:34 GMT
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Hi all,

I solved this issue.

As soon as the main IDL process leaves the function/procedure where the bridges were created, they are destroyed, which causes an abortion in the bridges. One of the possible solutions is to save the IDL_IDLBridge objects in a system variable before the main IDL process leaves the function.

Mathieu
