
Subject: Re: IDL 6.3 Directory Change?

Posted by [btt](#) on Wed, 06 Dec 2006 14:42:59 GMT

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David Fanning wrote:

> Folks,
>
> I've recently had to upgrade to IDL 6.3 (I wanted to be
> able to read Ronn Kling's Christmas card!). But in reading
> it, I've noticed strange behavior for the second time. Is
> this something new? Here is the situation.
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> 1. I install an IDL program that requires several files
> all in the same folder. I create a new folder in my
> working IDL folder for the files.
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> 2. I change directories to the new folder inside of IDL
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> 3. I try to run the program. It can't find some of the files
> that are in the current directory! :-(
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> This has GOT to be new behavior! How can it NOT find those
> files? I have to put the directory on my path before I can
> run the program. Surely this can't be right!?
>
> Anyone have any ideas?
>

Hello,

That is funny. Have you tried PATH_CACHE,/REBUILD?

Ben

Subject: Re: IDL 6.3 Directory Change?

Posted by [Braedley](#) on Wed, 06 Dec 2006 14:49:18 GMT

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David Fanning wrote:

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> able to read Ronn Kling's Christmas card!). But in reading
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> run the program. Surely this can't be right!?
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> Anyone have any ideas?
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> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

I had a similar problem with v6.2 (I think it works properly, if somewhat slowly). I just opened the project and compiled everything from there. It ran fine after that.

Cheers,
Braedley

Subject: Re: IDL 6.3 Directory Change?
Posted by [David Fanning](#) on Wed, 06 Dec 2006 14:58:03 GMT
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Ben Tupper writes:

> That is funny. Have you tried PATH_CACHE,/REBUILD?

Still doesn't do any good. It finds the program I am trying to run, but it doesn't find the object definition modules that program calls with OBJ_NEW. A bug?

David

--

David Fanning, Ph.D.

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Subject: Re: IDL 6.3 Directory Change?
Posted by [David Fanning](#) on Wed, 06 Dec 2006 14:58:44 GMT
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Braedley writes:

> I had a similar problem with v6.2 (I think it works properly, if
> somewhat slowly). I just opened the project and compiled everything
> from there. It ran fine after that.

Yeah, but that ain't the IDL way. :-(

Cheers,

David

--

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Subject: Re: IDL 6.3 Directory Change?
Posted by [Kenneth Bowman](#) on Wed, 06 Dec 2006 16:07:45 GMT
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In article <MPG.1fe0885b13b1b81b989e28@news.frii.com>,
David Fanning <news@dfanning.com> wrote:

> Ben Tupper writes:
>
>> That is funny. Have you tried PATH_CACHE,/REBUILD?
>
> Still doesn't do any good. It finds the program I am
> trying to run, but it doesn't find the object definition
> modules that program calls with OBJ_NEW. A bug?

I don't know if this is relevant, but I have noticed that if I create a new directory after starting IDL, or if I have a directory that is empty when I start IDL, and then I add a .pro file to it, PATH_CACHE, /RE does not find the file.

Apparently the path caching algorithm marks the directory as empty and never re-searches it.

The only way I have found to have IDL search a new directory is to restart IDL.

I would consider this a bug, but perhaps it is a "feature" of PATH_CACHE.

This doesn't happen when adding a new file to an existing, non-empty directory. In that case PATH_CACHE, /RE works.

Ken Bowman

Subject: Re: IDL 6.3 Directory Change?

Posted by edward.s.meinel@aero on Wed, 06 Dec 2006 16:10:14 GMT

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I get:

IDL_IDLBRIDGE Error: Unable to set Win32 event object

Why would I care about a Win32 object on a Mac??? Oh well, no Christmas for me :-(

Ed

Subject: Re: IDL 6.3 Directory Change?

Posted by [Rick Towler](#) on Wed, 06 Dec 2006 18:50:31 GMT

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I have zero experience with IDL_IDLBridge but my guess is that the child process doesn't know nor care what your CWD is. It also doesn't execute your startup script. So either you have to have routines required by the bridge on your path, or you have to follow the docs regarding running a startup script within the child process to set up your environment appropriately.

-Rick

David Fanning wrote:

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> I've recently had to upgrade to IDL 6.3 (I wanted to be
> able to read Ronn Kling's Christmas card!). But in reading
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>
> David

Subject: Re: IDL 6.3 Directory Change?

Posted by [David Fanning](#) on Wed, 06 Dec 2006 18:51:49 GMT

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Rick Towler writes:

> I have zero experience with IDL_IDLBridge but my guess is that the child
> process doesn't know nor care what your CWD is. It also doesn't execute
> your startup script. So either you have to have routines required by
> the bridge on your path, or you have to follow the docs regarding
> running a startup script within the child process to set up your
> environment appropriately.

Oh, RTFM then. :-(

Cheers,

David

--

David Fanning, Ph.D.

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