Subject: bug in cgHasImageMagic
Posted by JP on Wed, 22 Oct 2014 23:15:22 GMT

Hi David (FYI, the rest of the group),

I found a bug in cgHasImageMagic. It's very simple, I could fix myself, but you may want to update the program.
It has to do with UNC paths:

IDL> cd, 'c:'
IDL> print, cgHasImageMagick(VERSION=VERSION)
       1
IDL> print, version
6.8.9-7
IDL> cd, '\\wron\working\'
IDL> print, cgHasImageMagick(VERSION=VERSION)
       0

the problem in cgHasImageMagic is that SPAWN does return an error, but it doesn't mean that ImageMagic is not installed:

IDL>   Spawn, 'convert -version', result, error_result
IDL> print, error_result
'\\wron\working' CMD.EXE was started with the above path as the current directory. UNC paths are not supported. Defaulting to Windows directory.
IDL> print, result
Version: ImageMagick 6.8.9-7 Q16 x64 2014-08-16 http://www.imagemagick.org Copyright: Copyright (C) 1999-2014 ImageMagick Studio LLC Features: DPC Modules OpenMP Delegates: bzlib cairo freetype jbig jng jp2 jpeg lcms lqr pangocairo png ps rsvg tiff webp xml zlib

cheers

JP

Subject: Re: bug in cgHasImageMagic
Posted by David Fanning on Wed, 22 Oct 2014 23:26:14 GMT

JP writes:

> I found a bug in cgHasImageMagic. It's very simple, I could fix myself, but you may want to update the program.
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>
> IDL> cd, 'c:'

> IDL> print, cgHasImageMagick(VERSION=VERSION)
>   1
> IDL> print, version
> 6.8.9-7
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> Delegates: bzlib cairo freetype jbig jng jp2 jpeg lcms lqr pangocairo png ps rsvg tiff webp xml zlib

OK, what is your fix? :-)

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: bug in cgHasImageMagic
Posted by JP on Wed, 22 Oct 2014 23:26:30 GMT
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actually, it may be a good thing after all, because when using SPAWN in windows, paths cannot be UNC, so an error will still show up either when reading or writing a postcript or any other file... But the error message could be a little different I think, tell the user that the path to the file/s cannot be UNC.

JP

On Thursday, 23 October 2014 10:15:24 UTC+11, JP wrote:

> Hi David (FYI, the rest of the group),
>
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>   1
> IDL> print, version
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> IDL> cd, '\\wron\working\'
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> Delegates: bzlib cairo freetype jbig jng jp2 jpeg lcms lqr pangocairo png ps rsvg tiff webp xml zlib
>
>
> cheers
>
> JP

Subject: Re: bug in cgHasImageMagic
Posted by JP on Wed, 22 Oct 2014 23:28:40 GMT
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well, I lied :)
I didn't fix the program, I simply mapped the network drive and my path is not \\wron\working anymore but z:\

JP

On Thursday, 23 October 2014 10:26:18 UTC+11, David Fanning wrote:
> JP writes:

>
>> I found a bug in cgHasImageMagic. It's very simple, I could fix myself, but you may want to update the program.
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>>
>> IDL> cd, 'c:'
>> IDL> print, cgHasImageMagick(VERSION=VERSION)
>>   1
>> IDL> print, version
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>> IDL> cd, '\\wron\working\'
>> IDL> print, cgHasImageMagick(VERSION=VERSION)
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>> Delegates: bzlib cairo freetype jbig jng jp2 jpeg lcms lqr pangocairo png ps rsvg tiff webp xml zlib
>
> OK, what is your fix? :-)
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: bug in cgHasImageMagic
Posted by David Fanning on Wed, 22 Oct 2014 23:33:25 GMT
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JP writes:

>
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>

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>   1
> IDL> print, version
> 6.8.9-7
> IDL> cd, '\\wron\working\'
> IDL> print, cgHasImageMagick(VERSION=VERSION)
>   0
>
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Copyright (C) 1999-2014 ImageMagick Studio LLC Features: DPC Modules OpenMP
> Delegates: bzlib cairo freetype jbig jng jp2 jpeg lcms lqr pangocairo png ps rsvg tiff webp xml
zlib

I suppose my fix would be to change the name of the program to
cgImageMagickFound. Should have thought of that before. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")