
Subject: Re: Behaviour of REFORM() changed in IDL 5.5?
Posted by [David Fanning](#) on Fri, 08 Feb 2002 16:04:46 GMT
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Georg Wiora (georg.wiora@DaimlerChrysler.com) writes:

> Here is my example:
> array = INDGEN(100)
> image = REFORM(100,1)
>
> In IDL 5.4 the result was: image[100,1]
> In IDL 5.5 the result is: image[100]
>
> Is there anything known about a bug fix for that?

Uh, I think, Georg, that if you put the array inside
of the REFORM you should be set. :-)

```
IDL> print, !version
{ x86 Win32 Windows Microsoft Windows 5.5 Aug 28 2001    32    64}
IDL>
IDL> array = INDGEN(100)
IDL> a=reform(array, 100, 1)
IDL> help, a
A          INT      = Array[100, 1]
```

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Behaviour of REFORM() changed in IDL 5.5?
Posted by [thompson](#) on Fri, 08 Feb 2002 16:42:20 GMT
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Georg Wiora <georg.wiora@DaimlerChrysler.com> writes:

> Hi everybody!

> I just found out that the behaviour of the REFORM() function
> seems to be changed in IDL 5.5. With IDL 5.4 I was able to
> reform a one dimensional array to a two dimensional with a

> trailing dimension of size one. With idl 5.5 these dimension
> is removed automatically. But from the documentation the
> automatic reduction of dimensions should only happen if no
> dimensions are specified. This change is not documented in
> the (windows) help file.

> Here is my example:
> array = INDGEN(100)
> image = REFORM(100,1)

> In IDL 5.4 the result was: image[100,1]
> In IDL 5.5 the result is: image[100]

> Is there anything known about a bug fix for that?

I don't have the ability yet to run IDL/v5.5 myself (it requires an OS upgrade I'm waiting on), but I've heard that other people have gotten very mad about this behavior. Let us know what you find out.

Bill Thompson

Subject: Re: Behaviour of REFORM() changed in IDL 5.5?

Posted by [R.Bauer](#) on Fri, 08 Feb 2002 16:57:34 GMT

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Georg Wiora wrote:

>
> Hi everybody!
>
> I just found out that the behaviour of the REFORM() function
> seems to be changed in IDL 5.5. With IDL 5.4 I was able to
> reform a one dimensional array to a two dimensional with a
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> the (windows) help file.
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> image = REFORM(100,1)
>
> In IDL 5.4 the result was: image[100,1]
> In IDL 5.5 the result is: image[100]
>
> Is there anything known about a bug fix for that?
>

> Thanks,
>
> Georg

Are you sure ?

```
IDL> array = INDGEN(100)
IDL> image = REFORM(array,100,1)
IDL> help,image
IMAGE      INT      = Array[100, 1]
```

```
IDL> help ,!version,/str
** Structure !VERSION, 8 tags, length=76, data length=76:
  ARCH      STRING  'x86'
  OS        STRING  'linux'
  OS_FAMILY  STRING  'unix'
  OS_NAME    STRING  'linux'
  RELEASE    STRING  '5.5'
  BUILD_DATE STRING  'Aug 28 2001'
  MEMORY_BITS INT     32
  FILE_OFFSET_BITS
              INT     32
```

Reimar

--

Reimar Bauer

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Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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Subject: Re: Behaviour of REFORM() changed in IDL 5.5?
Posted by [Robert Stockwell](#) on Fri, 08 Feb 2002 18:15:02 GMT
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Georg Wiora wrote:

> Hi everybody!

>
> I just found out that the behaviour of the REFORM() function
> seems to be changed in IDL 5.5. With IDL 5.4 I was able to
> reform a one dimensional array to a two dimensional with a
> trailing dimension of size one. With idl 5.5 these dimension
> is removed automatically. But from the documentation the
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> Here is my example:
> array = INDGEN(100)
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>
> In IDL 5.4 the result was: image[100,1]
> In IDL 5.5 the result is: image[100]
>
> Is there anything known about a bug fix for that?
>
>
> Thanks,
>
> Georg
>
>

Hi Georg,

What os are you? A Windows one? Unfortunately my win2000 laptop is in the shop (BTW arg!) so I can't check behaviour there.

Here is my result, it seems ok at least under linux.

```
IDL> r = indgen(100)
IDL> help,r
R      INT      = Array[100]
IDL> help,reform(r,100,1)
<Expression>  INT      = Array[100, 1]
```

So as to do exactly as suggested above:

```
IDL> help,r
R      INT      = Array[100]
IDL> image = reform(r,100,1)
IDL> help,image
```

```
IMAGE      INT      = Array[100, 1]
```

And to try a leading dimension:

```
IDL> help,reform(r,1,100)
<Expression>  INT      = Array[1, 100]
```

Version info

```
IDL> help,!version,/st
```

```
** Structure !VERSION, 8 tags, length=76, data length=76:
```

```
  ARCH      STRING  'x86'
  OS        STRING  'linux'
  OS_FAMILY  STRING  'unix'
  OS_NAME    STRING  'linux'
  RELEASE    STRING  '5.5'
  BUILD_DATE STRING  'Aug 28 2001'
  MEMORY_BITS INT     32
  FILE_OFFSET_BITS
                INT     32
```

Cheers,
bob

Subject: Re: Behaviour of REFORM() changed in IDL 5.5?
Posted by [Georg Wiora](#) on Mon, 11 Feb 2002 09:01:53 GMT
[View Forum Message](#) <> [Reply to Message](#)

Am Fri, 08 Feb 2002 11:15:02 -0700, hat Robert Stockwell
<rgs1967@hotmail.com> geschrieben:

```
>
> Georg Wiora wrote:
>
>> Here is my example:
>> array = INDGEN(100)
>> image = REFORM(100,1)
Sorry for the Typo :-\
It's obviously
  image = REFORM(array,100,1)
> Hi Georg,
>
> What os are you? A Windows one? Unfortunately my win2000
I have a WIN 2000 system.
```

When I try it on the command line, it works fine, but not in

my application. Probably it is just some instability problem.

Regards,

Georg
