
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
> 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 IDI 5.4 the result was: image[100,1]
> In IDI 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
