
Subject: Re: REPLICATE with arrays

Posted by [Liam E. Gumley](#) on Fri, 11 Feb 2000 08:00:00 GMT

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David Fanning <davidf@dfanning.com> wrote in message
news:MPG.130e00a4f5f14484989a29@news.frii.com...

> William Thompson (thompson@orpheus.nascom.nasa.gov) writes:

>

>> Stein Vidar Haugan once proposed the following strategy which appears to
be

>> highly efficient:

>>

>> x2 = rebin(reform(x,3,3,1), 3,3,2)

>

> And Liam Gumley (Liam.Gumley@ssec.wisc.edu) writes:

>

>> IDL> arr = rebin(reform(arr, 3, 3, 1), 3, 3, 2, /sample)

>

> I don't think the IDL newsgroup is the proper place to

> practice the occult sciences. I wish you guys would cut

> it out. :-(

I'll admit that two reshape operations in one line is a bad idea. But if
it's re-written as

arr = reform(arr, 3, 3, 1) ; add an extra dimension

arr = rebin(arr, 3, 3, 2, /sample) ; expand along the extra dimension

then I think it's about as clear as you can get (in the IDL world anyway).

Cheers,
Liam.
