
Subject: Re: REPLICATE question

Posted by [dan](#) on Wed, 16 Oct 1996 07:00:00 GMT

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In article <PAUL.96Oct15094317@skua.s2k.ucsb.edu>, paul@skua.s2k.ucsb.edu (Paul Ricchiazzi) writes:

|>

|> In article <32636705.41C6@jmc-luni.u-bordeaux2.fr> Mario Noyon
<mnoyon@jmc-luni.u-bordeaux2.fr> writes:

|>

|> I would like to divide an arr1(n,n,m) by an arr2(n,n) and be able to
|> obtain an array(n,n,m). I suppose there is a way to avoid the for
|> statements.

|> I had the idea to transform my arr2(n,n) in an arr2(n,n,m) where the
|> m-elements are all the same but REPLICATE does not work with the arrays.

|>

|> Does some-one have an idea that could help me?

|>

|>

|>

|> how about,

|>

|> array=aar1 ; define "array" as an (n,n,m) array

|> ii=lindgen(n*n*m) ; define "ii" as a one dimension index array

|> array=arr1(ii)/aar2(ii/m) ; "ii/m" is the correct index array for "aar2"

I don't think that will actually work, but something similar might

```
ii = lindgen(n*n*m)
```

```
array = arr1(ii) / arr2(ii mod (n*n))
```

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*****
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