
Subject: Re: from array to one dimensional array
Posted by [Timm Weitkamp](#) on Tue, 13 Sep 2005 16:42:17 GMT
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David Fanning wrote:

> steffenfr writes:

>

>> Dear all, I am trying to apply the spearman correlation
>> coefficient to 2 images which means that I have to compare
>> 2 arrays. The R_correlate however works only with one dimensional
>> arrays which means that I need to change the n-dimensional array into a
>> one-dimensional one, for example like that

>>

>> Array: 3by3

>>

>> 111

>> 222

>> 333

>>

>> into the one-dimentional array (Vector) [9by1] which is [111222333]

>>

>> Does anybody know how do do that in a simple way, or has anybody done
>> it already in a program?

>

> I would try REFORM:

>

> s = Size(array, /Dimensions)

> array = Reform(array, s[0]*s[1])

Or simply,

```
array = array[*]
```

Cheers,
Timm

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