
Subject: Re: IDL function randperm?

Posted by [robert.dimeo](#) on Wed, 20 Aug 2003 14:40:20 GMT

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Hi,

How about...

```
function randperm,n
return, array = sort(randomn(s,n))
end
```

Amara.Graps@ifsi.rm.cnr.it (Amara Graps) wrote in message
news:<Amara.Graps-2008031259130001@amaramac.ifsi.rm.cnr.it>...

> Greetings!

>

> I wonder if any of you have an IDL function that gives a
> random permutation of an array index, or know of a
> straightforward way to compute it?

>

> In Matlab such a function is called "randperm(n)"
> where n is the length of the array.

>

> For example, if one gives the integer 8, then it returns
> a length 8 integer array with values 0 to 7, randomly permuted.

>

> It is not as simple as it sounds, since the indices are unique.
> I tried variations of randomly SHIFT'g indices from INDGEN()
> with a random number generator, and the values were not
> 'jumbled' satisfactorily.

>

> Thanks in advance for any answer!

> Amara
