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 permutated.

>

- > 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