
Subject: Re: IDL function randperm?

Posted by [rigby](#) on Wed, 20 Aug 2003 13:52:57 GMT

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This is what I use to randomly reorder an array, stripped down to its essentials. I stole the idea from the old RSI newsletter many years ago.

```
FUNCTION Randomize, list, seed
; LIST is the array to be randomized
; SEED is the random number generator seed
```

```
n = n_elements(list)
return, list[sort(randomu(seed,n))]
```

```
end ;; Randomize
```

```
IDL> seed = 1
IDL> print, Randomize( indgen(5), seed)
   1   0   3   2   4
```

Note that randomu(), and thus Randomize(), returns SEED as a 36-element long array, tho' you can initialize it with a scalar.

--Wayne

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

> 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?
