
Subject: Re: Randomize array order

Posted by [Conor](#) on Thu, 26 Jul 2007 12:28:46 GMT

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On Jul 25, 3:59 pm, hradilv <hrad...@yahoo.com> wrote:

> On Jul 25, 2:17 pm, Conor <cmanc...@gmail.com> wrote:

>

>> Hi everyone!

>

>> Anyone know an efficient way to randomize an array (I have a
>> sorted array that I want unsorted). Initially, I tried something like
>> this:

>

>> array = findgen(1000000)

>> unsort = array[sort(randomu(seed,1000000))]

>

>> It works, but sorting on a million elements is rather slow. Anyone
>> know a faster way?

>

> Takes about 0.87 seconds on my machine? Is this too long?

>

> Of course, if you want "with replacement" you could do:

> unsort = array[long(1000000*randomu(seed,1000000))]

>

> But you probably want a permutation, right? That'll be more difficult.

You know, it's a shame that sort and histogram don't make use of the thread pool. If there were any algorithms that need to be multi-threaded, those would be it. Oh well :(
