Subject: Re: Generate Same Sequence of Random Numbers in IDL and C
Posted by Michael Galloy on Thu, 24 Jul 2014 17:34:19 GMT

On 7/23/14, 5:42 PM, sweiss1993@gmail.com wrote:
> Did you try running both of the programs I posted? For me, the first
> trials of each program yield the same sequence of randoms. Each
> subsequent trial does not match the one from the other program.

I did not run your C programs; I used my IDL bindings to GSL.

Even the first trial of poisson values were the same?

> I only have IDL on a computer in my university, and I don't have
> access to it over the summer. Unfortunately, I can only run IDL
> programs through GDL for now. That being said, I can't try out mglib
> until later this year, so I have to rely on my C version for
> comparison.
>
> It might be that you can get the same numbers for a uniform
> distribution in IDL as the C version, but not with GDL (just a
> guess). Perhaps there is a problem with my C version, but I can't
> test that well until I solve this problem.

Mike
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Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
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