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Subject: Re: Generate Same Sequence of Random Numbers in IDL and C  
Posted by [Michael Galloy](#) on Wed, 23 Jul 2014 18:03:08 GMT

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On 7/23/14, 10:52 AM, sweiss1993@gmail.com wrote:

- > So I made a couple of test programs myself to show you the context of
- > my problem.
- >
- > IDL version: <http://pastebin.com/bKifVSgE>
- >
- > C version: <http://pastebin.com/T9Ujaxe1> <http://pastebin.com/fLhpn6Jy>
- > <http://pastebin.com/v8dxfwB0>
- >
- > Make sure you have the GSL and FFTW libraries before trying to use
- > the C version. Let me know if you have trouble getting either program
- > to run.
- >
- > If you run the programs, you'll see that there is in fact a
- > difference in the outputs like I described.

Just doing the uniformly distributed values, I get exactly the same values. When I do the poisson values also, I haven't been able to get the same values.

- > Also I tried to configure mglib, and I got the following error:
- > "Could NOT find IDL (missing: IDL\_LIBRARY IDL\_INCLUDE\_DIR)"
- >
- > Is it because I have GDL and not IDL on my computer?

Definitely need IDL, not GDL, to use the C portions of mglib.

Mike

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Michael Galloy

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

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