

Performance Test

A comparison of Fibonacci and Mersenne generators.

Count 1.0E+06

		Run 1	Run 2	Run 3	Run 4	#/Second	Time	Time-OH	Performance	
Overhead		12.876	13.242	13.180	12.697	1.30E+07	7.69E-08			
Mersenne	Builtin	7.317	7.559	7.487	7.213	7.39E+06	1.35E-07	5.83E-08	100.00%	5700.88%
Fibonacci	V1.1.1	0.294				2.94E+05	3.40E-06	3.32E-06	1.75%	100.00%
	V1.1.2		0.327			3.27E+05	3.06E-06	2.98E-06	1.96%	111.51%
	V1.1.3			0.439		4.39E+05	2.28E-06	2.20E-06	2.65%	151.04%
	V1.2.0				4.345	4.35E+06	2.30E-07	1.53E-07	38.06%	2169.72%

Notes:

The Mersenne Twister is employed by the pseudo random number generator built into Ruby.

V1.1.1 is the currently released fibonacci_rng gem.

V1.1.2 is from the speed_up_one code branch.

V1.1.3 is from the speed_up_two code branch.

