A comparison of Fibonacci and Mersenne generators.

Iterations 1.0E+06

		Run 1	Run 2	Run 3	Run 4	Run 5	#/S	T	T-OH	Performance	
Overhead	OH	12.876	13.242	13.180	13.165	13.492	1.3E+07	7.6E-08			
Mersenne	Builtin	7.317	7.559	7.487	7.478	7.650	7.5E+06	1.3E-07	5.8E-08	100.0%	5777.9%
Fibonacci	V1.1.1	0.294					2.9E+05	3.4E-06	3.3E-06	1.7%	100.0%
	V1.1.2		0.327				3.3E+05	3.1E-06	3.0E-06	1.9%	111.5%
	V1.1.3			0.439			4.4E+05	2.3E-06	2.2E-06	2.6%	151.0%
	V1.2.0				1.471		1.5E+06	6.8E-07	6.0E-07	9.5%	550.6%
	V9.9.9					8.852	8.9E+06	1.1E-07	3.7E-08	154.9%	8949.4%

Notes:

Overhead is the execution time for a loop with no random number generation.

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.

V1.2.0 is from the speed_up_three code branch, release candidate.

V9.9.9 is from the (non-functional) no_spinner branch. Test only.

Execution Times
Overhead & Times-Overhead.