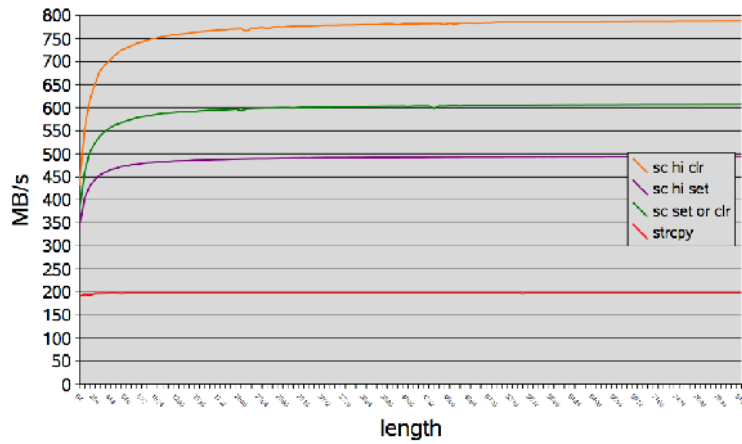
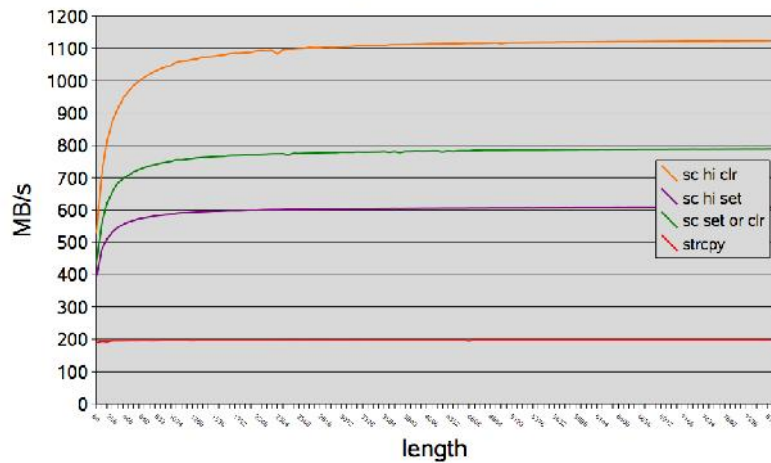


sc_strcpy, src double aligned, dst unaligned



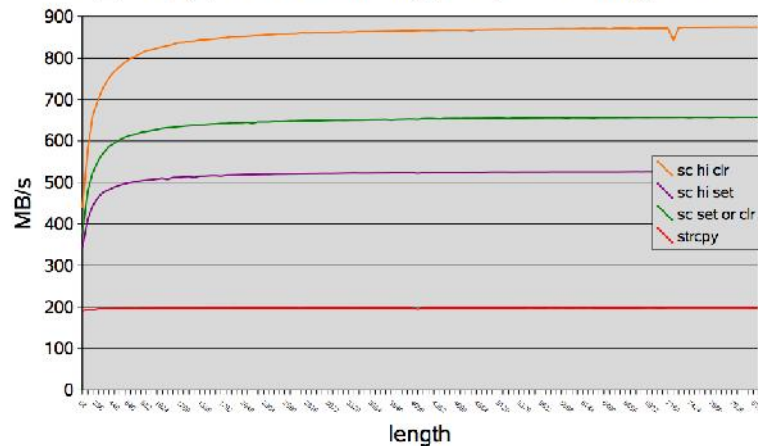
Performance versus GNU strcpy

Same aligned sc_strcpy

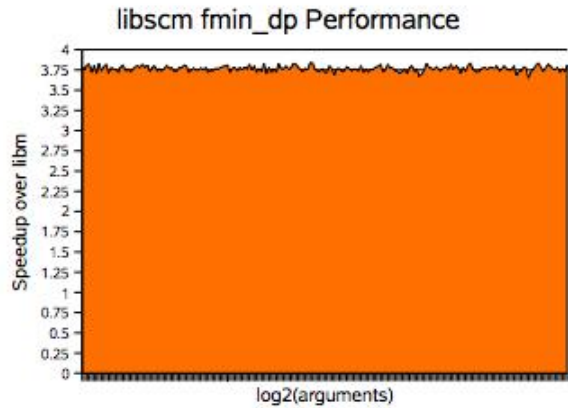
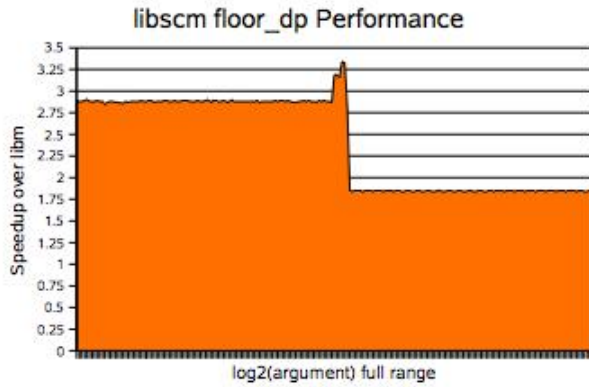
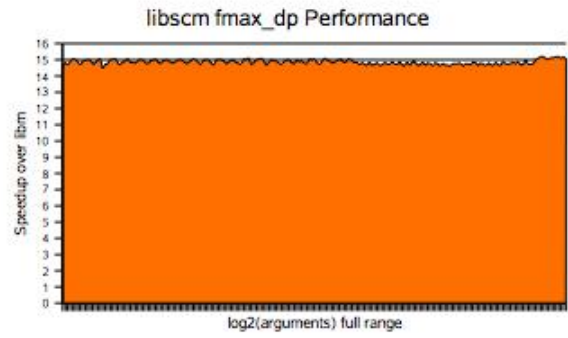
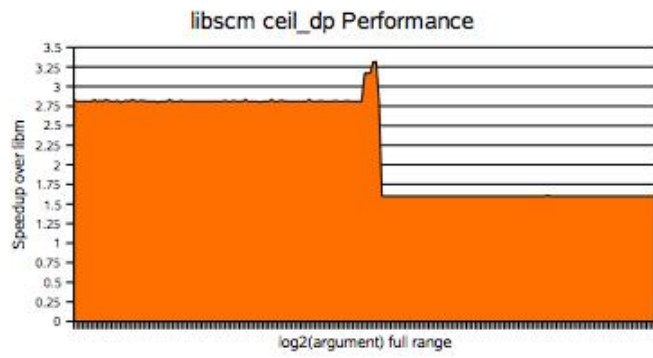


Performance versus GNU strcpy

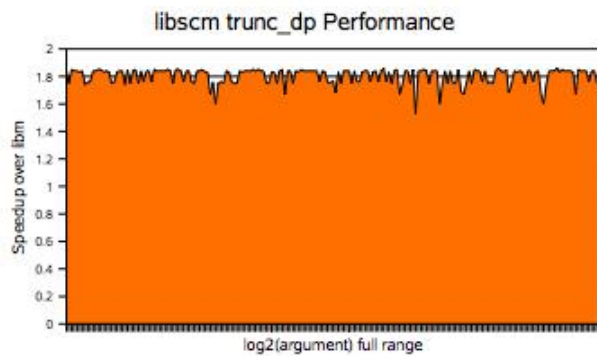
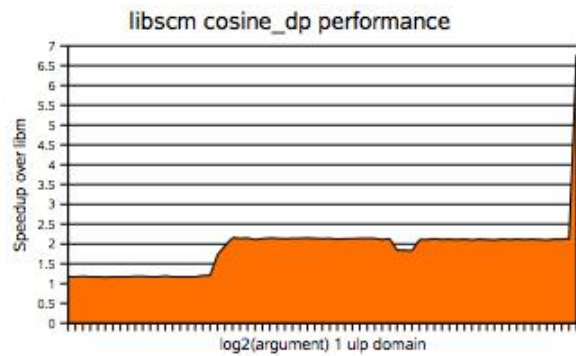
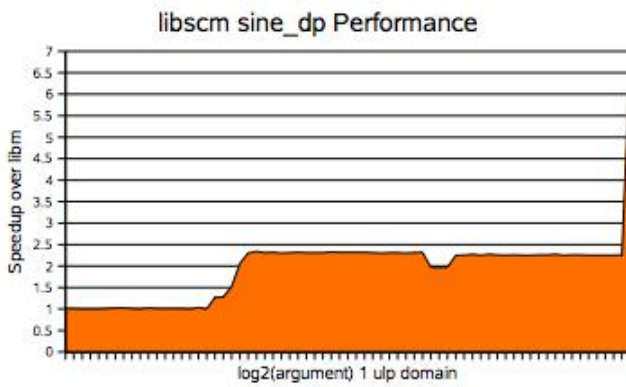
sc_strcpy, dst double aligned, src unaligned



Performance versus GNU strcpy



Speedup factors over GNU libm

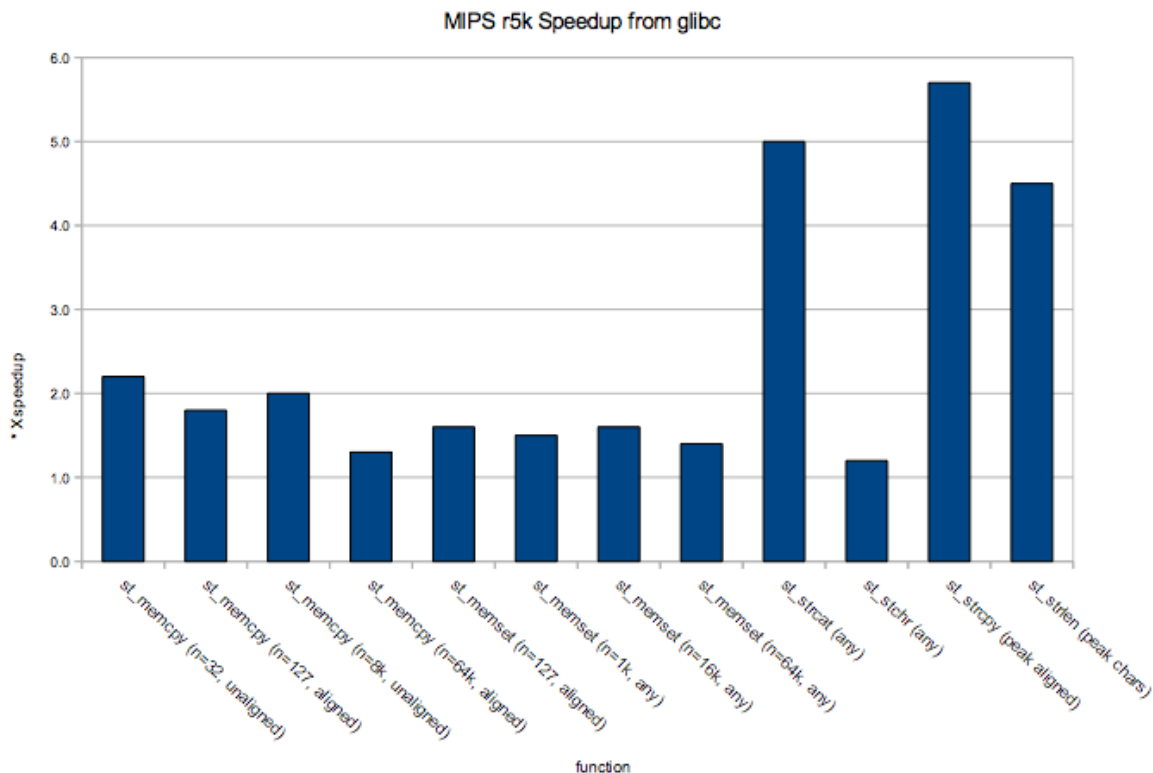


Speedup factors over GNU libm

LIBSTM "Ubiquitous Fns" on SGI r5K / sgi libm, glibc libm

Function	SGI LIBM -O3			glibc fn -O3		
	Default Range	Full Range	Typical Range	Default Range	Full Range	Typical Range
ceil	1.9	1.75	2.1	3.5	3.4	4.3
ceilf	1.7	1.6	1.8	2.3	2.2	2.75
floor	1.7	1.6	1.9	-	-	-
floorf	1.7	1.6	1.8	-	-	-
trunc	1.5	1.5	1.5	-	-	-
truncf	1.4	1.5	1.4	-	-	-
round	*	*	*	2.2	2.4	2.5
roundf	*	*	*	1.8	2	1.8
fmax [1]	*	*	*	11	11	10.9
fmaxf	*	*	*	10	10.1	10.1
fmin [1]	*	*	*	11.1	11	11
fminf	*	*	*	10.1	10.1	10.1
rint	1.2	1.2	1.2	4	4.3	5
rintf	*	*	*	2.8	3.1	3.1

Speedups over SGI and GNU library functions



Speedups of string and memory functions over GNU