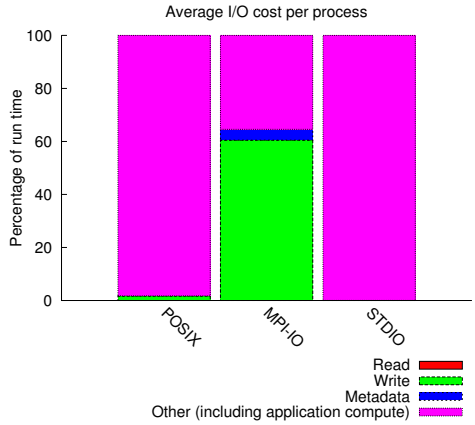
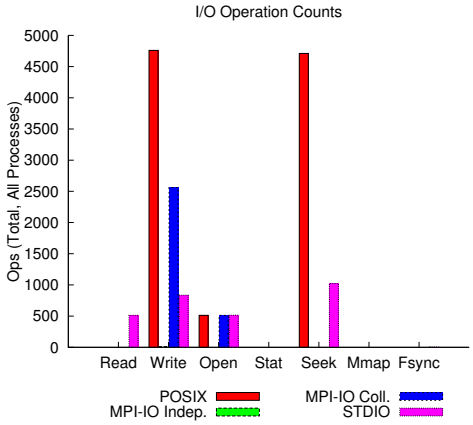
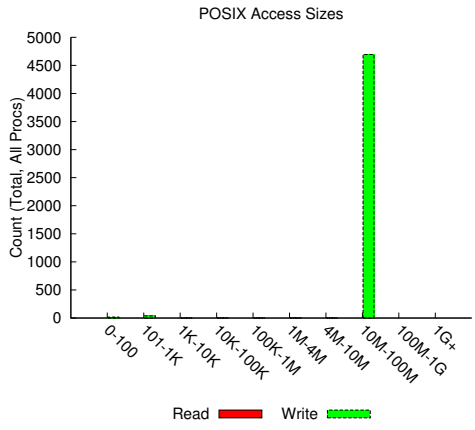
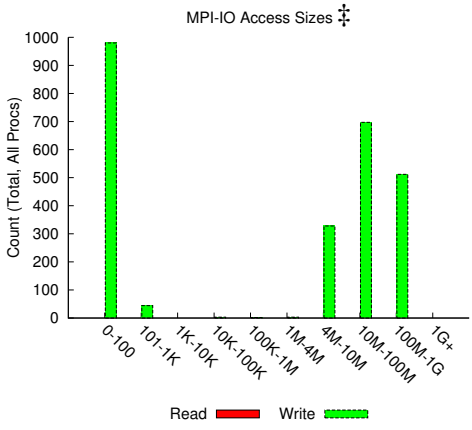
jobid: 11557813	uid: 76535	nprocs: 512	runtime: 38 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 482464 MiB at 11821.42 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 0.5 MiB at 17.11 MiB/s









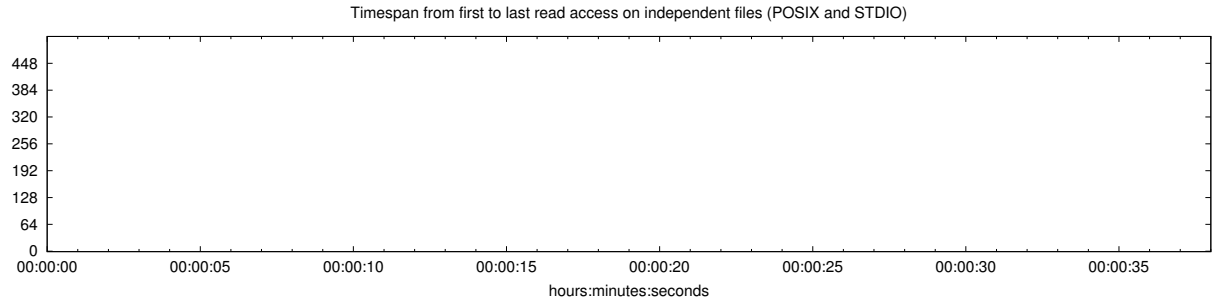
Most Common Access Sizes
(POSIX or MPI-IO)

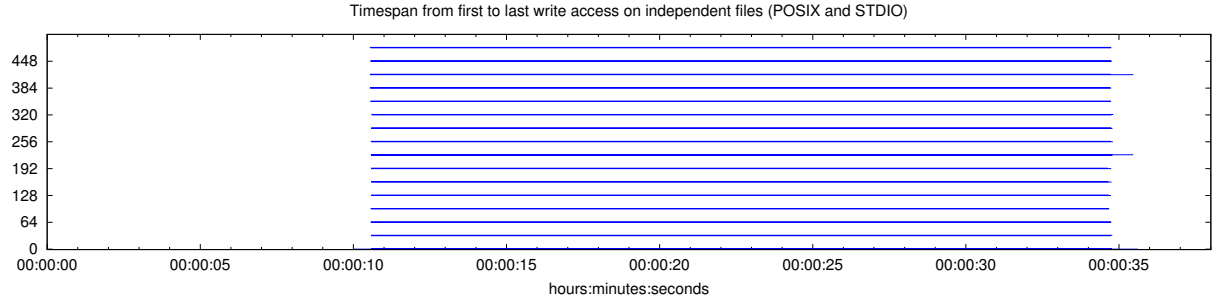
	access size	count
POSIX	67108864	4688
	40	8
	272	7
	544	7
MPI-IO ‡	9432960	327
	11319552	184
	34368768	114
	34281216	57

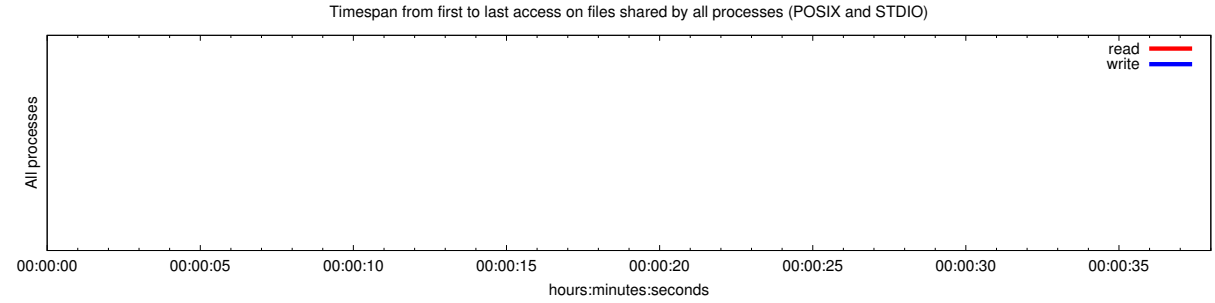
‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

File Count Summary
(estimated by POSIX I/O access offsets)

type	number of files	avg. size	max size
total opened	6	3.8K	8.7K
read-only files	1	899	899
write-only files	5	4.4K	8.7K
read/write files	0	0	0
created files	5	4.4K	8.7K





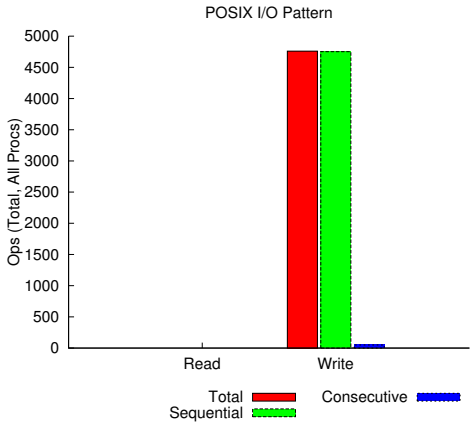


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	1.28320312500001e-06	0.000857353210449219
Independent writes	-1.0847968984375	586.424852356315
Independent metadata	0.020437853515625	N/A
Shared reads	0	0
Shared writes	0	0
Shared metadata	0	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
UNKNOWN	0.00290	0.00000	0.00000	0.00000
/global/cscratch1	300249.52151	1.00000	0.43896	1.00000



sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes