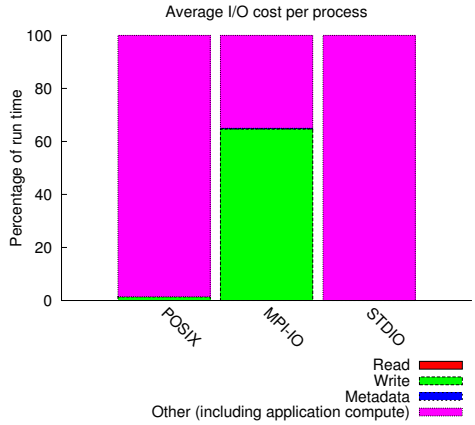
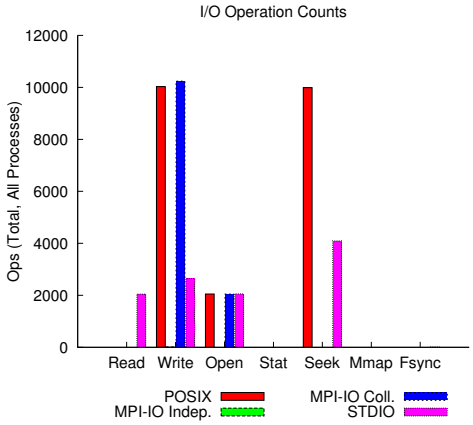
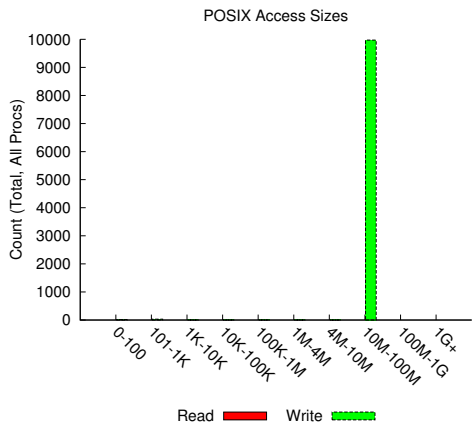
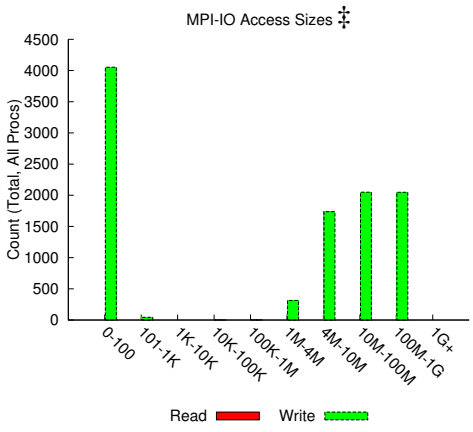
jobid: 11247493	uid: 76535	nprocs: 2048	runtime: 49 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 1906750 MiB at 19788.53 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 1.8 MiB at 1.43 MiB/s









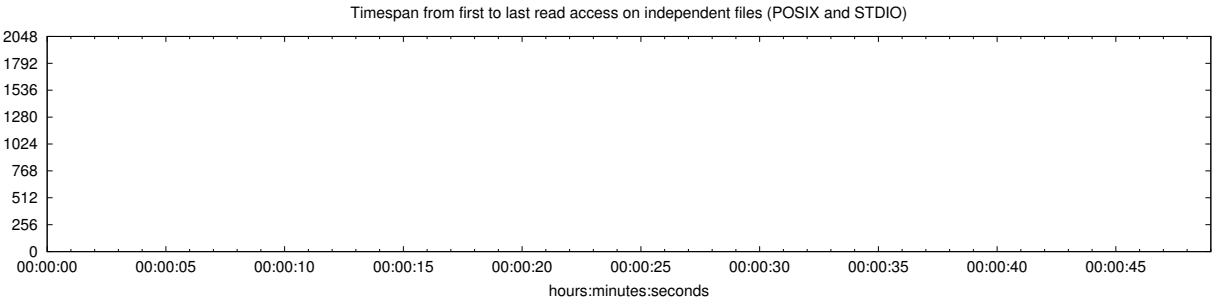
Most Common Access Sizes
(POSIX or MPI-IO)

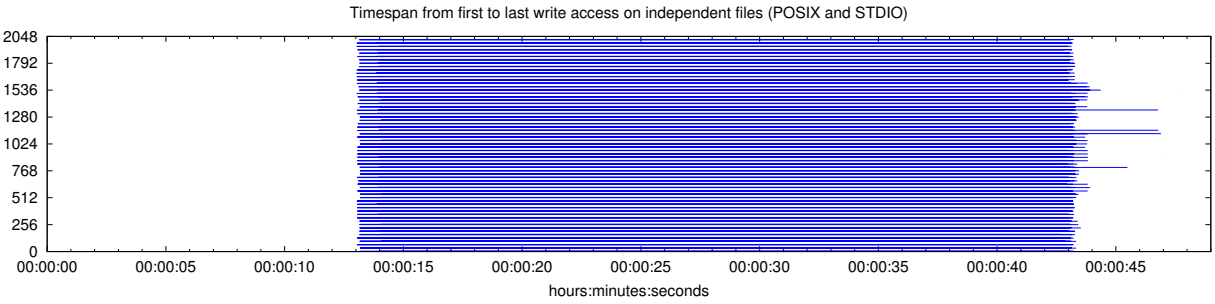
	access size	count
POSIX	67108864	9966
	272	6
	40	5
	544	5
MPI-IO ‡	5659776	1735
	3773184	312
	16927488	190
	17865216	139

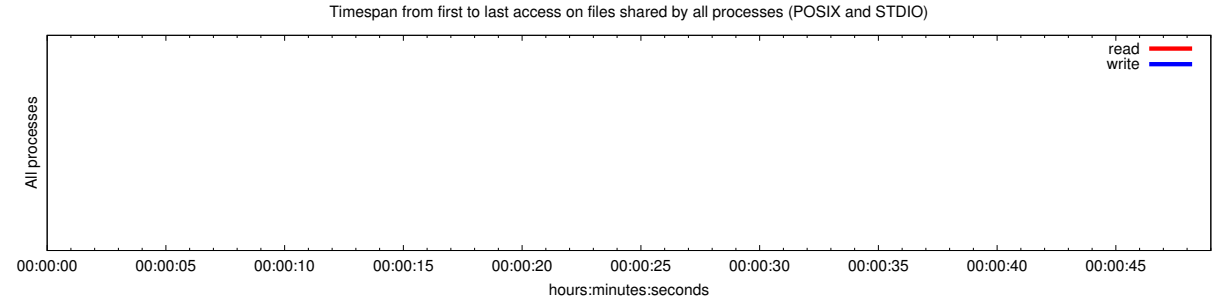
‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

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

type	number of files	avg. size	max size
total opened	11	6.0K	8.7K
read-only files	1	899	899
write-only files	10	6.5K	8.7K
read/write files	0	0	0
created files	10	6.5K	8.7K





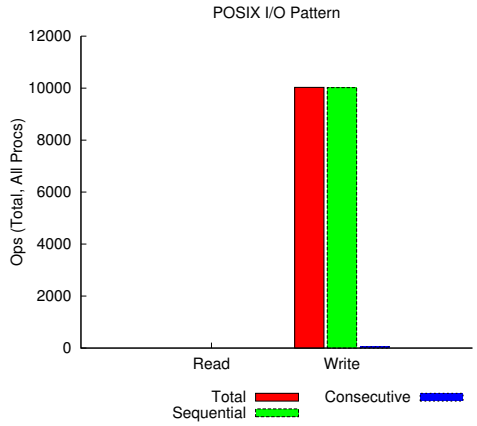


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	1.13671874999999e-06	0.000857353210449219
Independent writes	0.150169413574219	311.591630789451
Independent metadata	0.00585245410156249	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
/global/cscratch1	638139.65695	1.00000	1.75586	1.00000
UNKNOWN	0.00291	0.00000	0.00000	0.00000



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