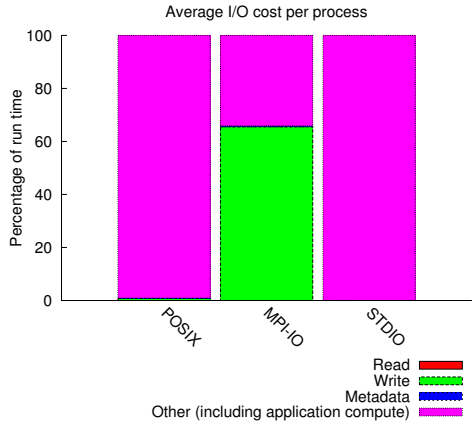
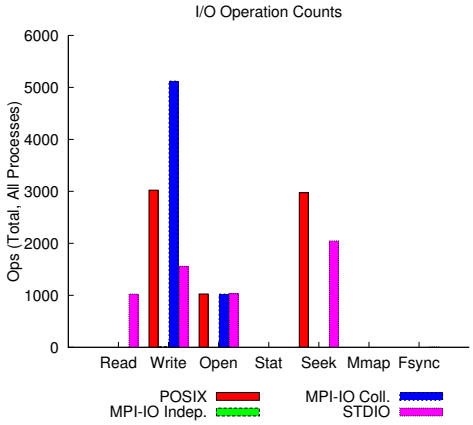
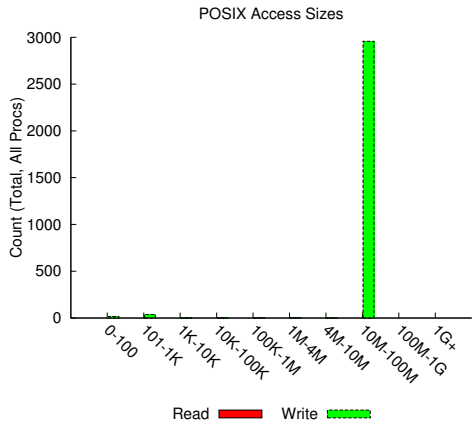
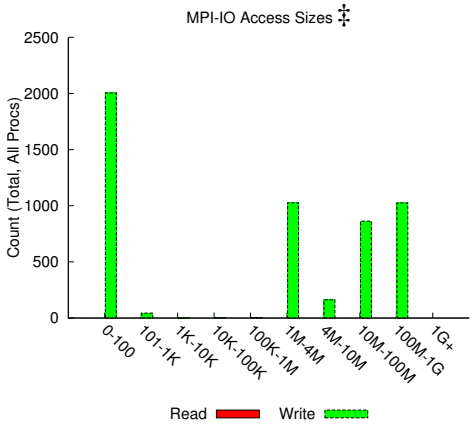
jobid: 11557810	uid: 76535	nprocs: 1024	runtime: 20 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 960101 MiB at 13794.30 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 0.9 MiB at 65.48 MiB/s









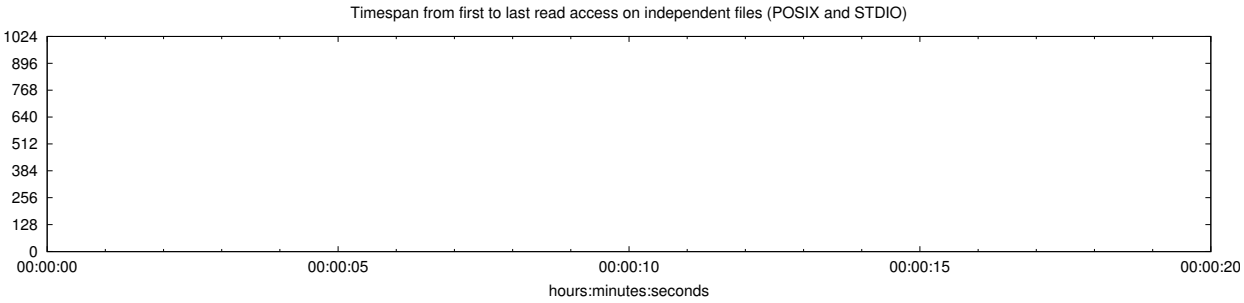
Most Common Access Sizes
(POSIX or MPI-IO)

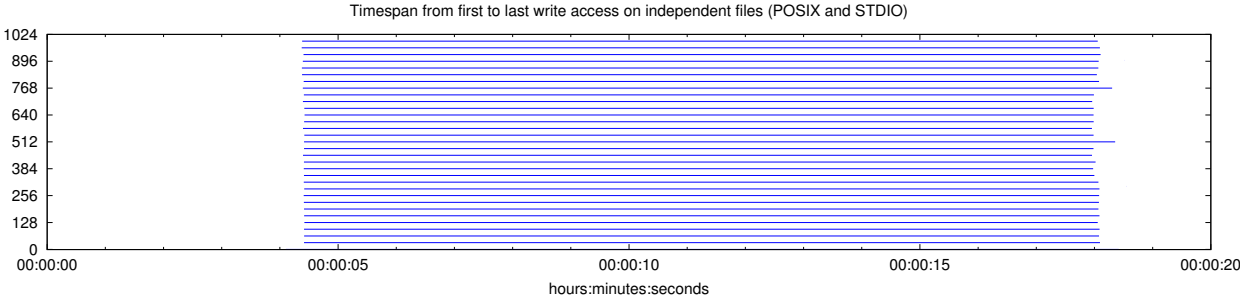
	access size	count
POSIX	67108864	2951
	40	8
	272	7
	544	7
MPI-IO ‡	3773184	703
	1886592	320
	10267392	55
	11006976	53

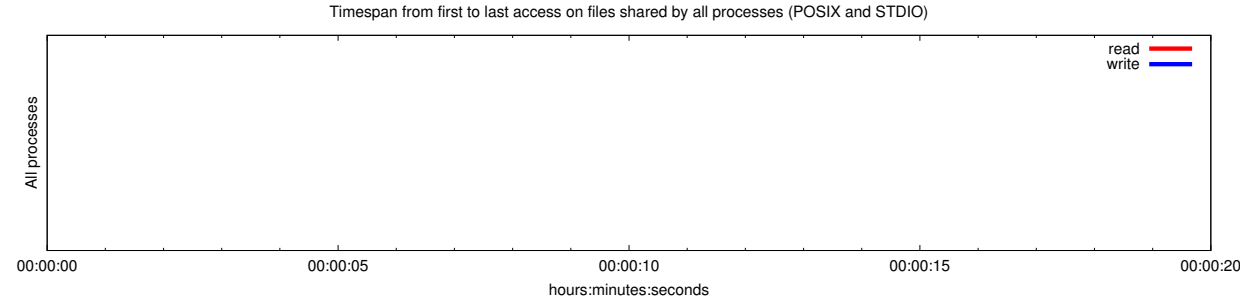
‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

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

type	number of files	avg. size	max size
total opened	8	5.0K	8.7K
read-only files	1	899	899
write-only files	7	5.6K	8.7K
read/write files	0	0	0
created files	7	5.6K	8.7K





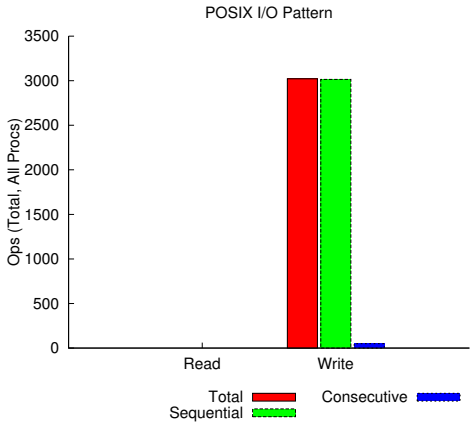


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	1.30273437500001e-06	0.000857353210449219
Independent writes	-0.26077483984375	184.646921713836
Independent metadata	0.00720558300781251	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	189078.44494	1.00000	0.87793	1.00000
UNKNOWN	0.00290	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