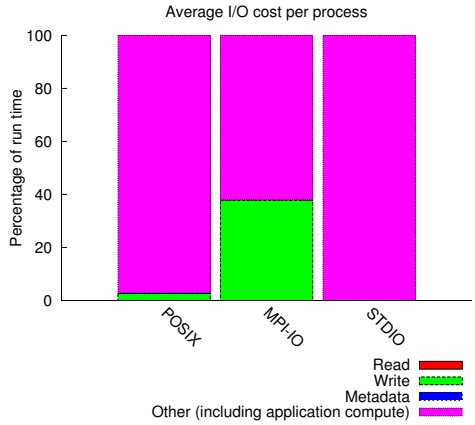
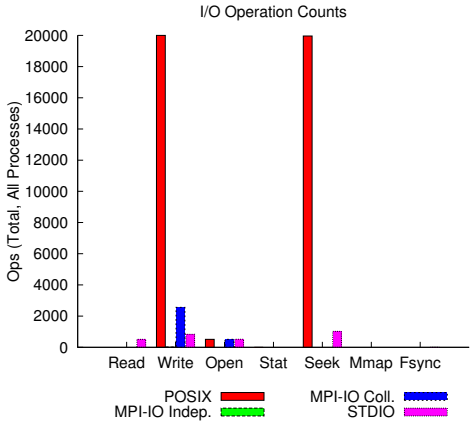
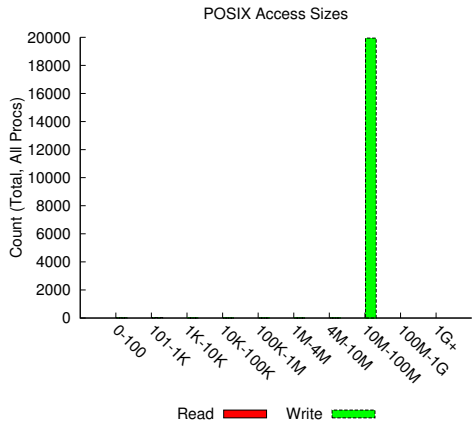
jobid: 11246872	uid: 76535	nprocs: 512	runtime: 100 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 482490 MiB at 16389.58 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 0.5 MiB at 2.27 MiB/s







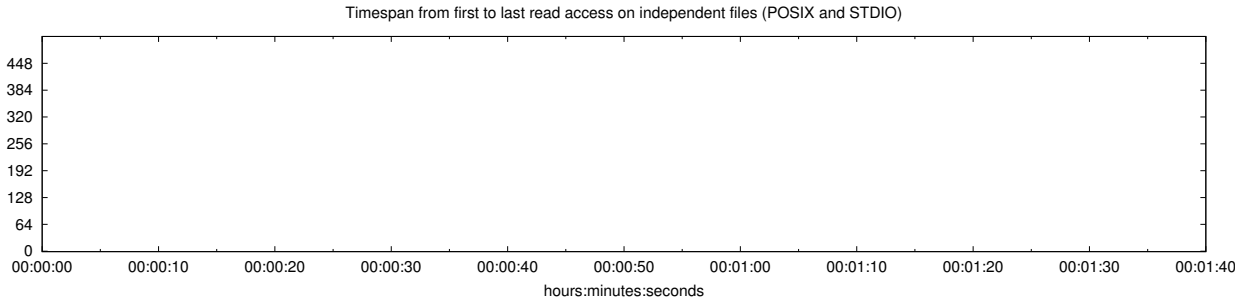
Most Common Access Sizes
(POSIX or MPI-IO)

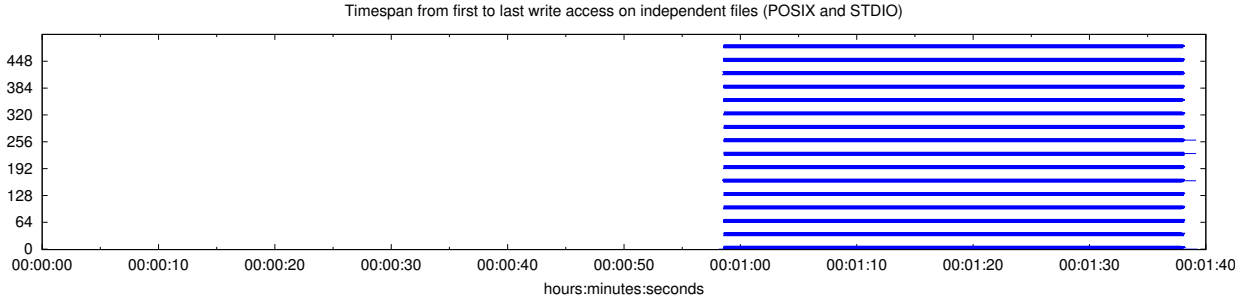
	access size	count
POSIX	33554432	19936
	272	6
	544	5
	40	5
MPI-IO ‡	20752512	311
	22639104	200
	73817856	27
	75414528	27

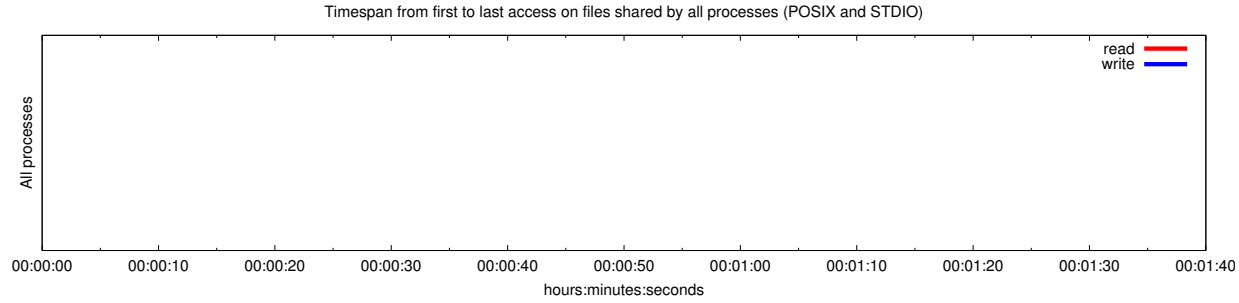
‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

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





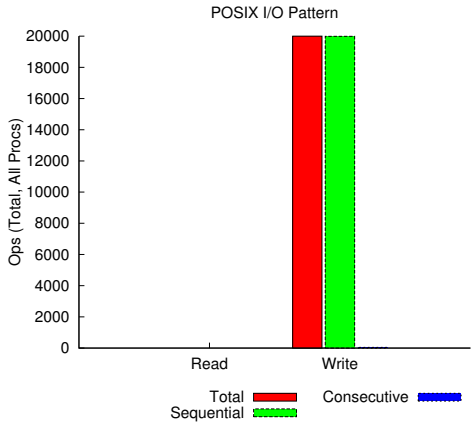


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	1.15820312500001e-06	0.000857353210449219
Independent writes	-1.84583344726563	1246.36644232646
Independent metadata	0.011656609375	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	638139.61557	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