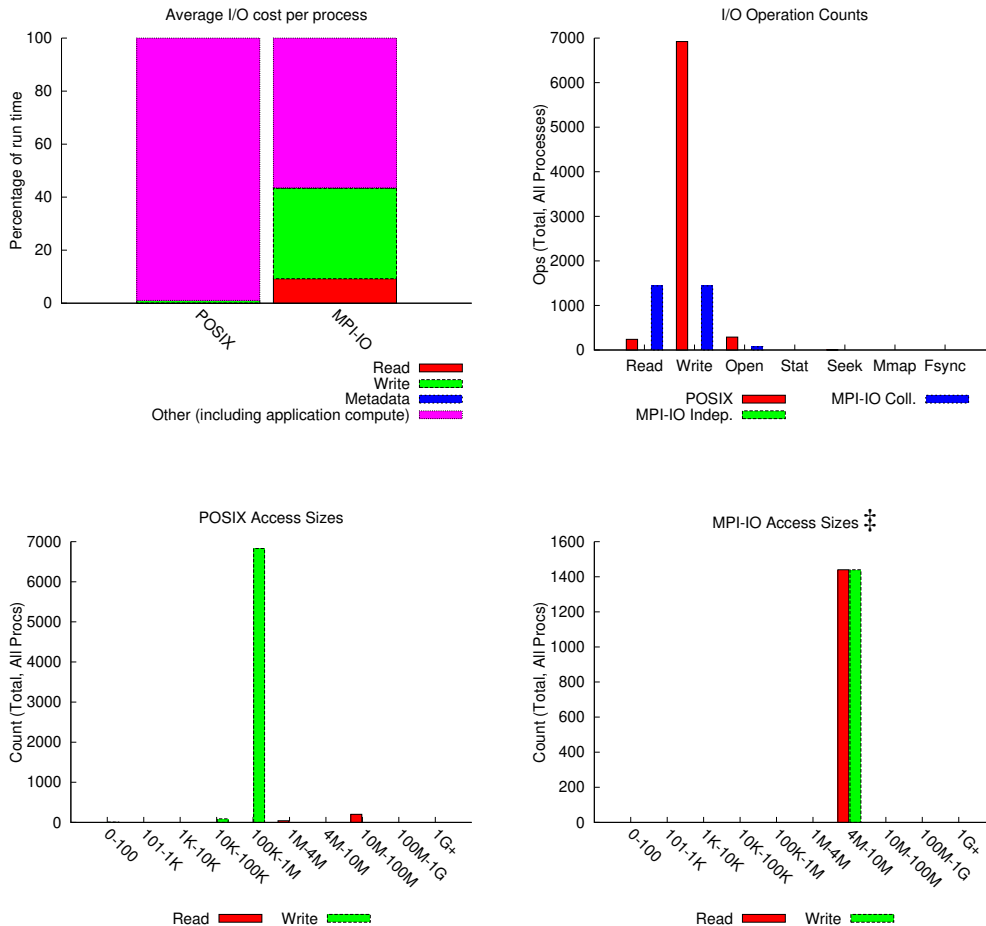


jobid: 10757886	uid: 61687	nprocs: 36	runtime: 78 seconds
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I/O performance *estimate* (at the MPI-IO layer): transferred **12974.6 MiB** at **332.41 MiB/s**



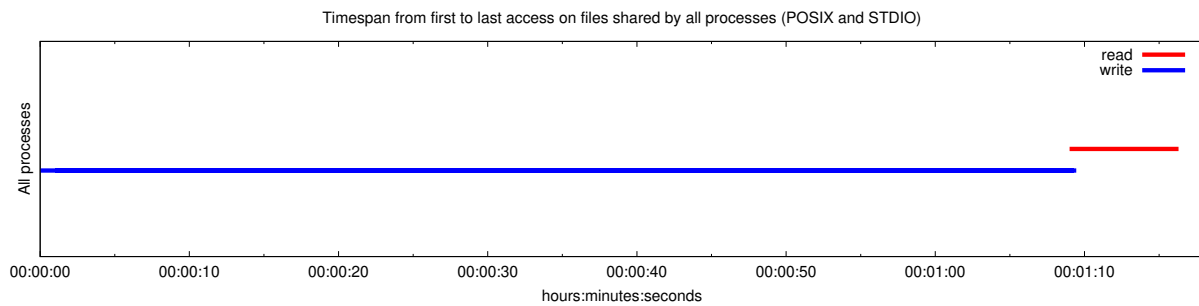
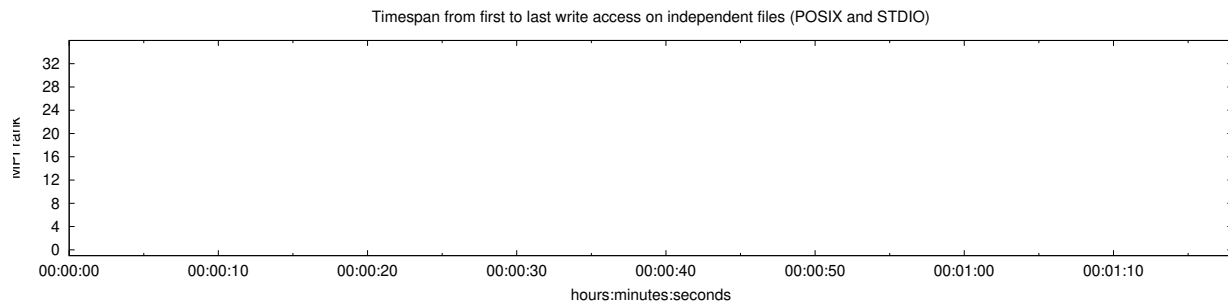
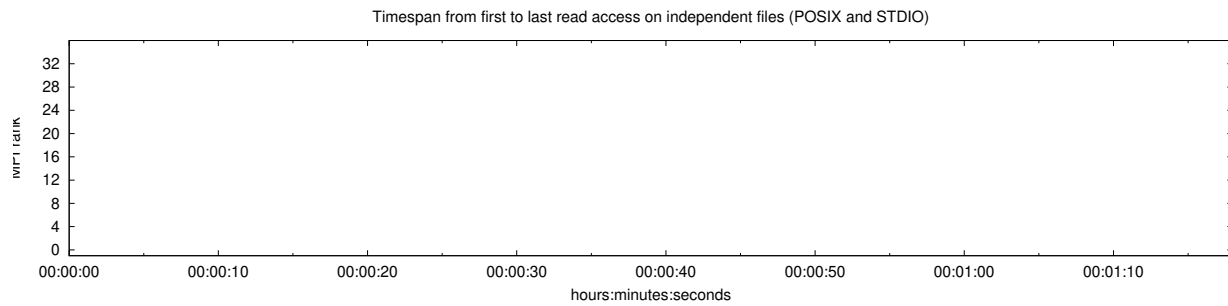
Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	1048576	6058
	971776	11
	959040	11
	1035840	11
MPI-IO ‡	4723920	2880

‡ 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	39	167MiB	6.4GiB
read-only files	0	0	0
write-only files	1	8B	8B
read/write files	1	6.4GiB	6.4GiB
created files	2	3.2GiB	6.4GiB

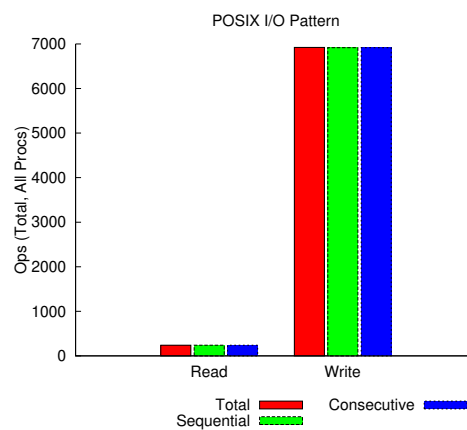


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MiB)
Independent reads	0	0
Independent writes	0	0
Independent metadata	0.0071411666666667	N/A
Shared reads	0.05919475	180.203247070312
Shared writes	0.7487600555555556	180.203248341878
Shared metadata	0.0019584722222222	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/scratch	6487.31694	1.00000	6487.31689	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
...tio.full.out	36	24	0.000234	0	0	29.089629	13GiB	4.78	2.24e+09
...2-30538.lock	36	16	0.000383	0	0	0.008215	48B	0.00141	7.89
...exec_dir_3/.	36	5	0.000011	0	19	0.001846	0	0.001	0