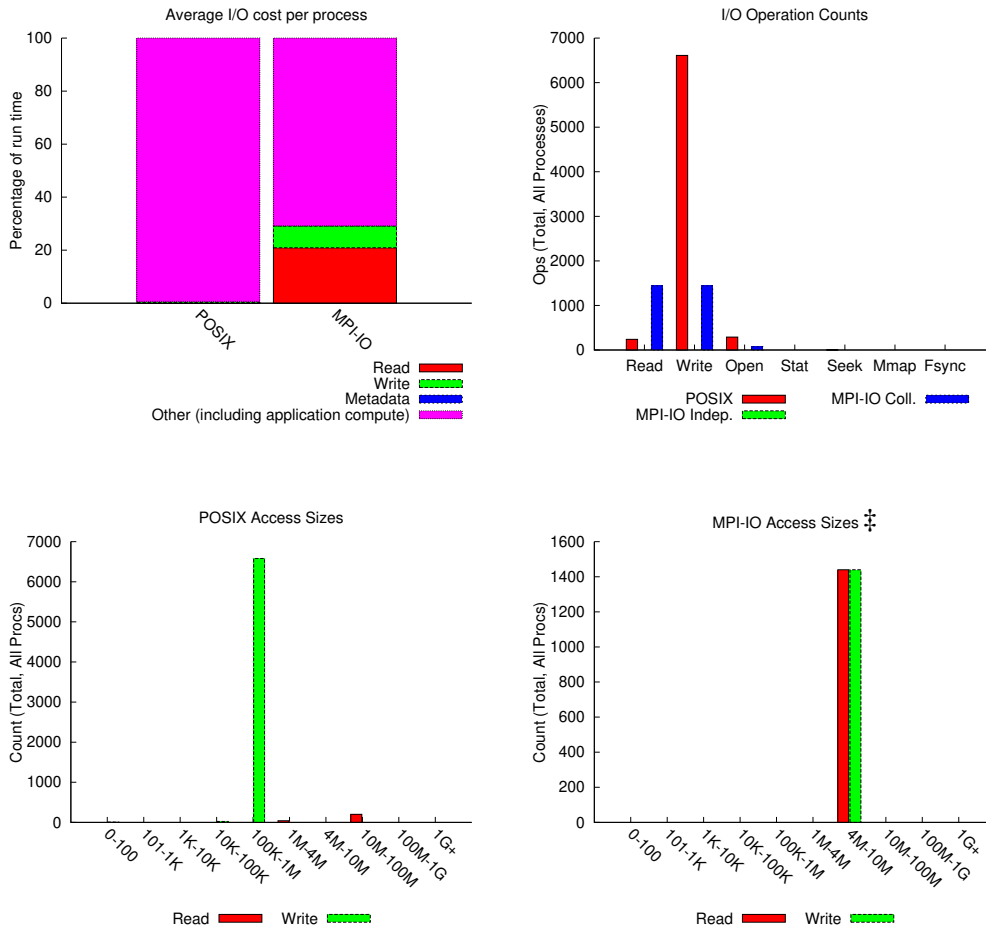


jobid: 10757900	uid: 61687	nprocs: 36	runtime: 57 seconds
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I/O performance *estimate* (at the MPI-IO layer): transferred **12974.6 MiB** at **739.36 MiB/s**



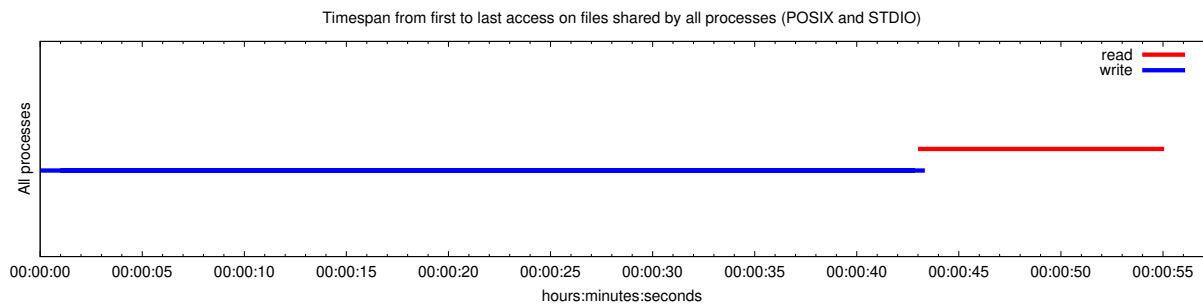
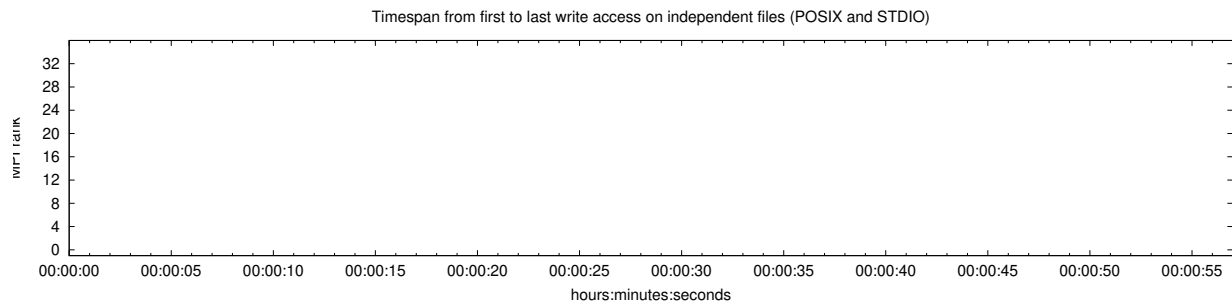
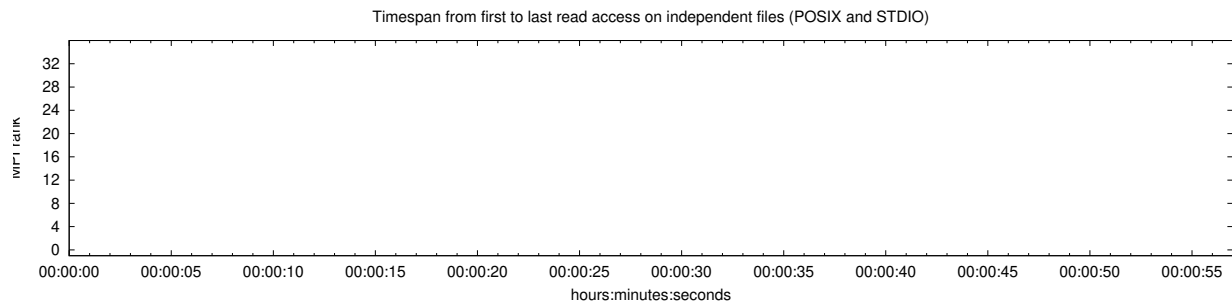
Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	1048576	6370
	33554432	200
	2288960	40
	8	6
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

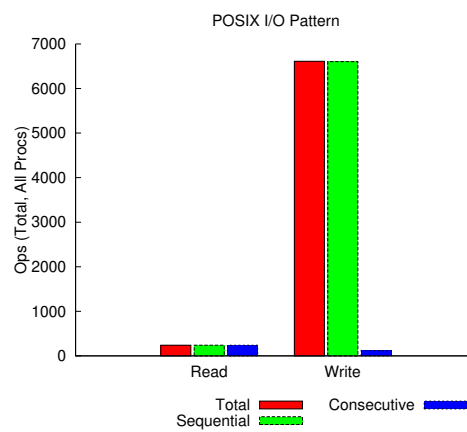


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MiB)
Independent reads	0	0
Independent writes	0	0
Independent metadata	0.0086435	N/A
Shared reads	0.1344500555555556	180.203247070312
Shared writes	0.2429117777777778	180.203248341878
Shared metadata	0.002783444444444444	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	34	0.000253	0	0	7.050187	8.0GiB	1.28	1.45e+09
...exec_dir_4/.	36	4	0.000109	0	20	0.004034	0	0.001	0
...56-9766.lock	36	28	0.000421	0	0	0.002144	48B	0	7.89