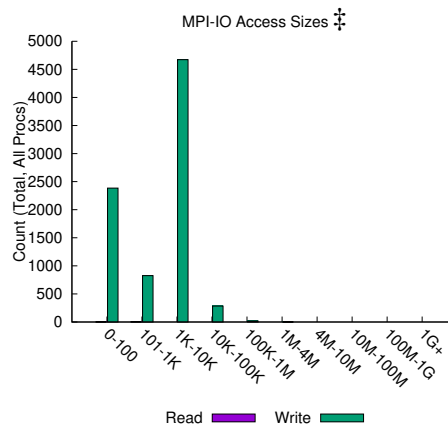
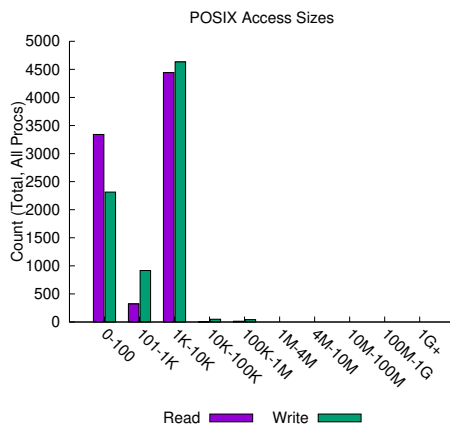
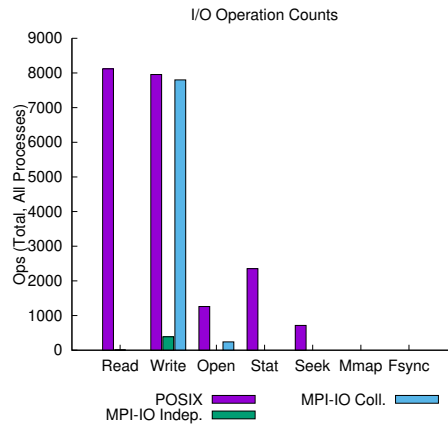
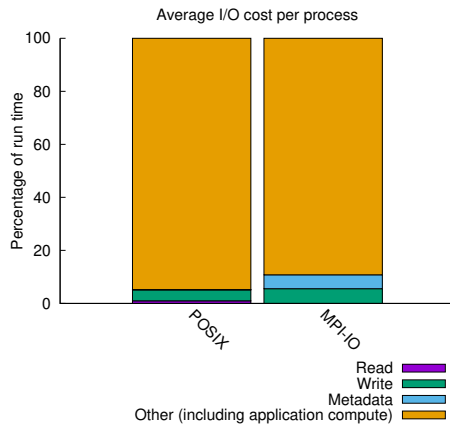


jobid: 2069359	uid: 2631	nprocs: 40	runtime: 46.6020 seconds
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I/O performance *estimate* (at the MPI-IO layer): transferred **76.8 MiB** at **7.66 MiB/s**



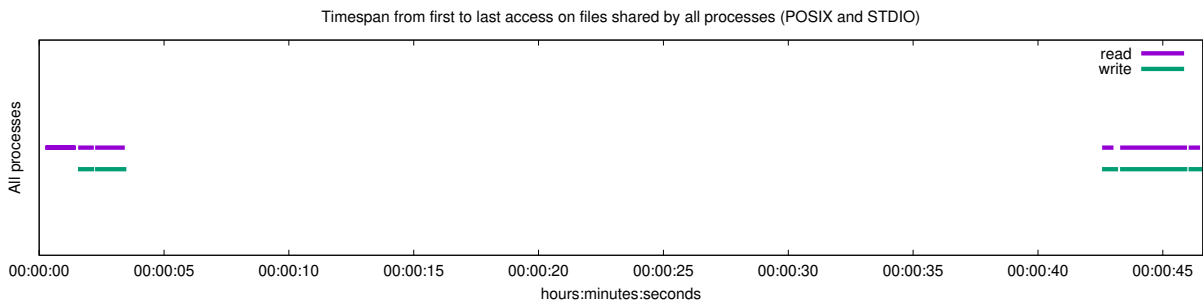
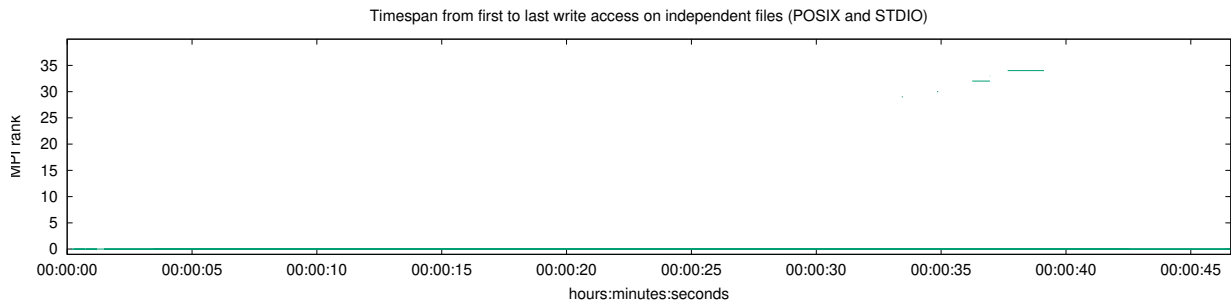
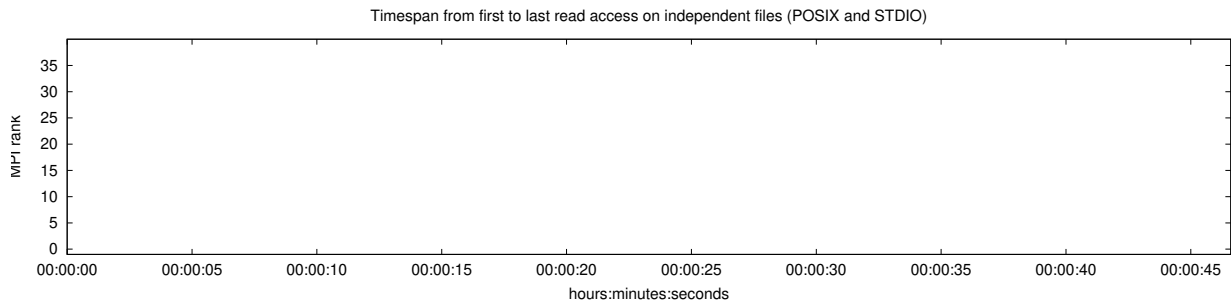
Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	8192	3744
	6144	2200
	2048	1130
	4096	1026
MPI-IO ‡	2048	1130
	6144	1100
	4096	1026
	8192	572

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

type	number of files	avg. size	max size
total opened	18	1.8MiB	12MiB
read-only files	3	119KiB	190KiB
write-only files	14	1.5MiB	12MiB
read/write files	1	9.9MiB	9.9MiB
created files	15	2.1MiB	12MiB

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

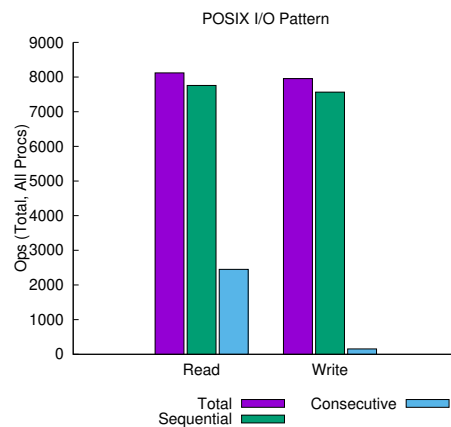


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MiB)
Independent reads	2.825e-06	0.000180554389953613
Independent writes	0.0016755	0.00608646869659424
Independent metadata	0.0258571	N/A
Shared reads	0.4540127	0.948965263366699
Shared writes	1.92174025	0.966001892089844
Shared metadata	0.0397419	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/lustre	38.88353	1.00000	37.96583	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
...df5_chk_0001	40	27	0.634263	707KiB	14	1.983071	530KiB	0.342	1.09e+05
...plt_cnt_0001	40	25	0.082161	38KiB	14	0.501067	29KiB	0.101	2.12e+04
...plt_cnt_0000	40	38	0.136272	29KiB	12	0.454886	29KiB	0.0831	2.12e+04
...df5_chk_0000	40	39	0.175289	90KiB	10	0.390648	178KiB	0.0481	5.22e+04
...plt_cnt_0000	40	37	0.064759	9.7KiB	20	0.197323	4.0MiB	0.0265	1.41e+06
...-imx-005.cn4	40	2	0.010789	248KiB	9	0.021004	248KiB	0.00245	0
...-imx-003.cn4	40	28	0.006051	286KiB	25	0.016449	286KiB	0.00245	0