jobid: 535735	uid: 11366	nprocs: 900	runtime: 1176.6976 seconds

I/O performance *estimate* (at the POSIX layer): transferred 22091.6 MiB at 456.20 MiB/s
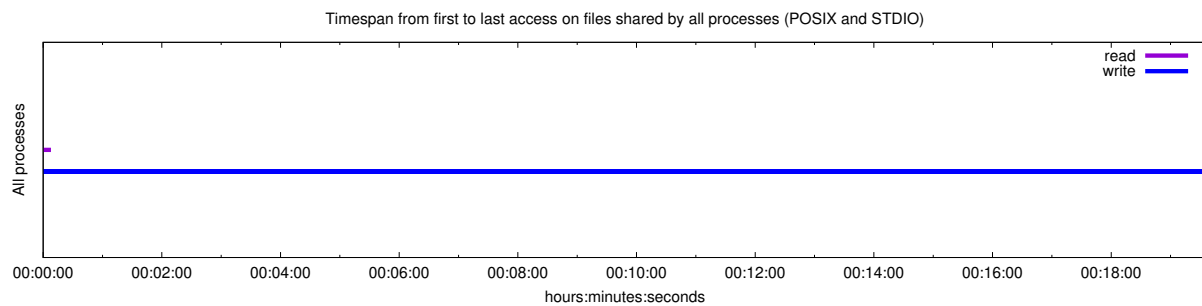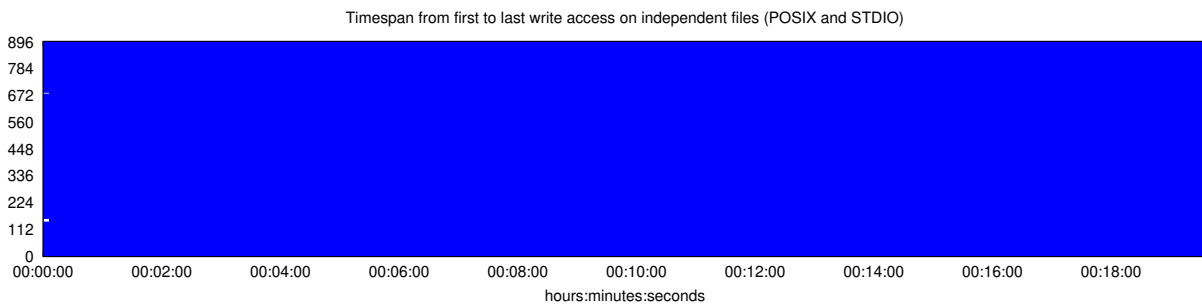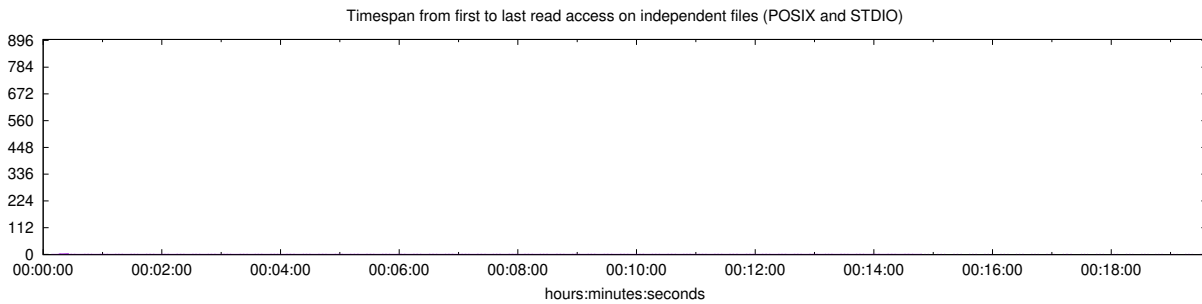I/O performance *estimate* (at the STDIO layer): transferred 0.1 MiB at 1.35 MiB/s

Average I/O cost per process

I/O Operation Counts
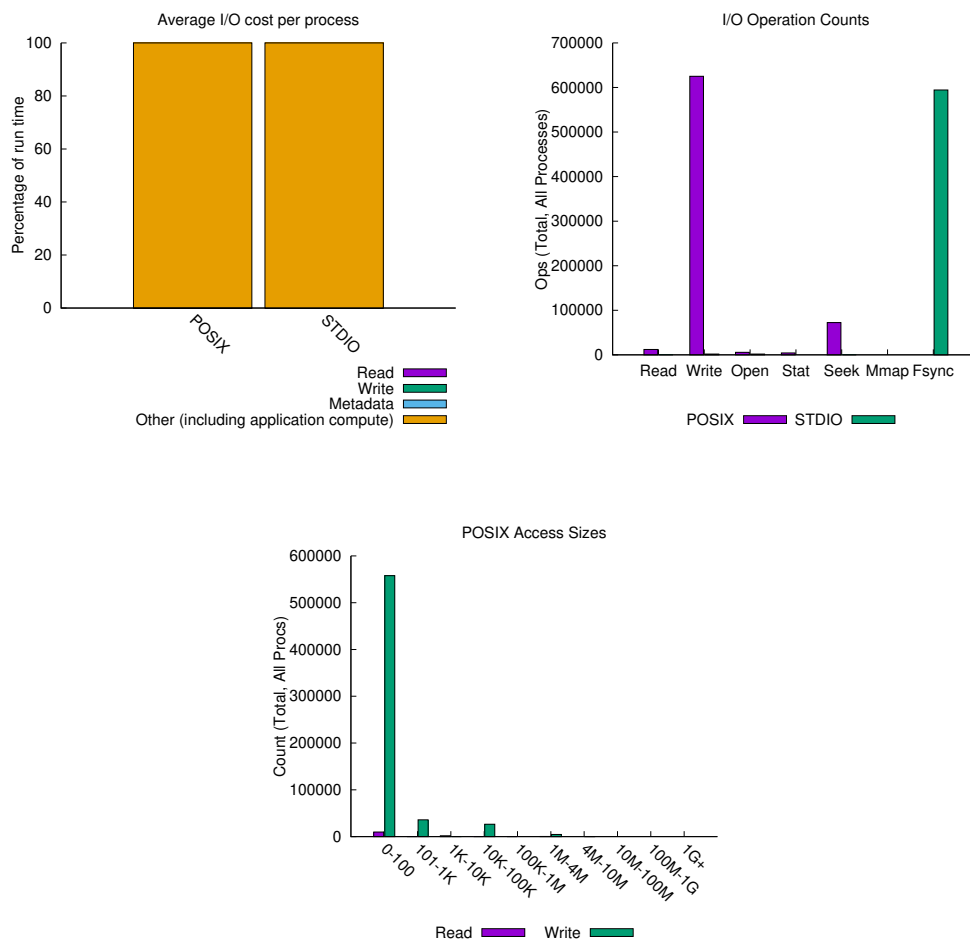
POSIX Access Sizes

Most Common Access Sizes (POSIX or MPI-IO)

	access size	count
POSIX	51	197100
	80	196881
	66	27014
	43	27000

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

type	number of files	avg. size	max size
total opened	2032	9.5MiB	128MiB
read-only files	10	38MiB	128MiB
write-only files	1803	22KiB	570KiB
read/write files	219	87MiB	120MiB
created files	2022	9.4MiB	120MiB

Timespan from first to last read access on independent files (POSIX and STDIO)

Timespan from first to last write access on independent files (POSIX and STDIO)

Timespan from first to last access on files shared by all processes (POSIX and STDIO)

read ▬
write ▬

Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MiB)
Independent reads	0.00229643111111111	1.38383565690782
Independent writes	0.0661056533333333	23.1539318434397
Independent metadata	0.364636556666666	N/A
Shared reads	0.000551425555555556	0.00846529642740885
Shared writes	0.00126061777777778	5.58429294162326e-05
Shared metadata	0.152641393333333	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/thfs3	20838.53866	1.00000	1253.07086	1.00000
UNKNOWN	0.05026	0.00000	0.00000	0.00000

POSIX I/O Pattern
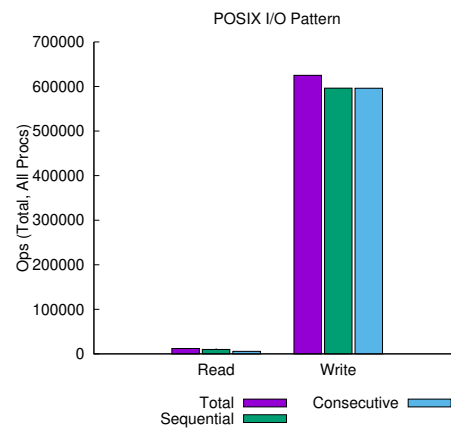
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes
...melist.input	900	2	0.010557	8.7KiB	709	0.284157	8.7KiB	0.0824	2.05e+03
...\<STDOUT\>	900	284	0.000476	29B	441	0.018102	29B	0	0.684
...\<STDERR\>	900	511	0.000480	29B	0	0.009370	27B	0	0.684