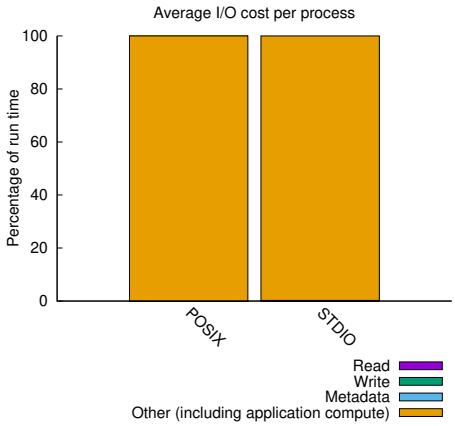
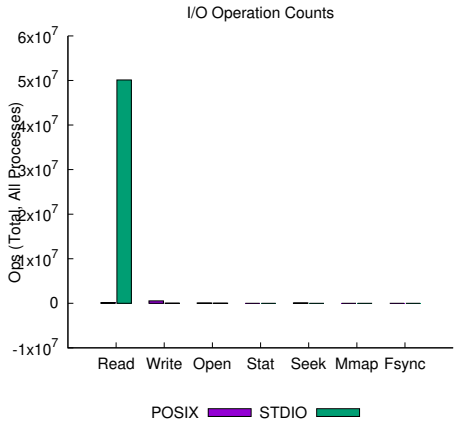
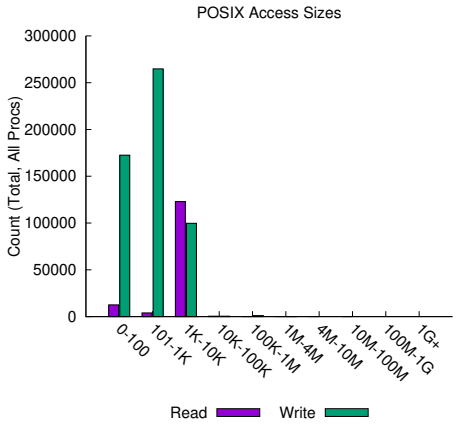
jobid: 2412833	uid: 12417	nprocs: 144	runtime: 331 seconds

I/O performance *estimate* (at the POSIX layer): transferred 2089.4 MiB at 673.92 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 3188.1 MiB at 251.45 MiB/s





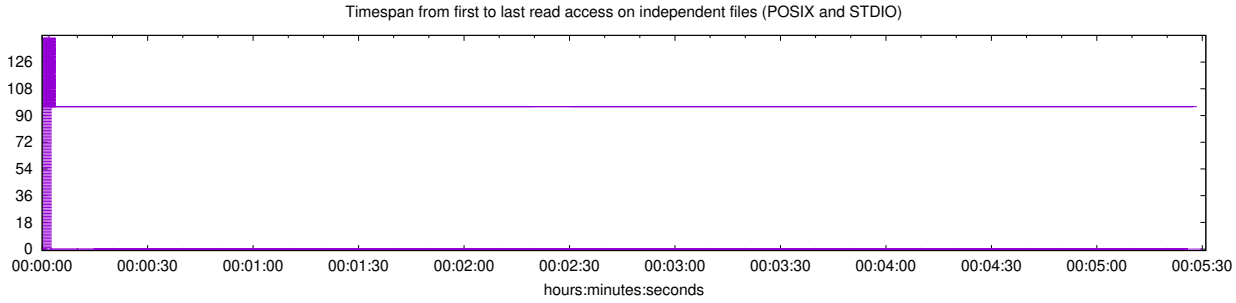


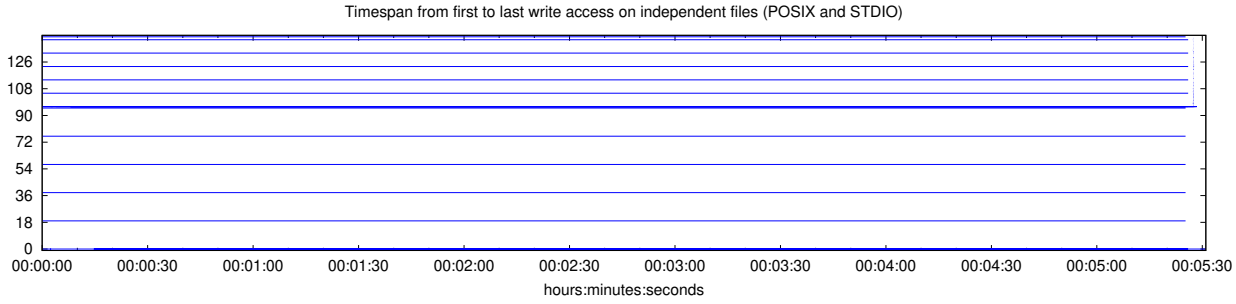
Most Common Access Sizes
(POSIX or MPI-IO)

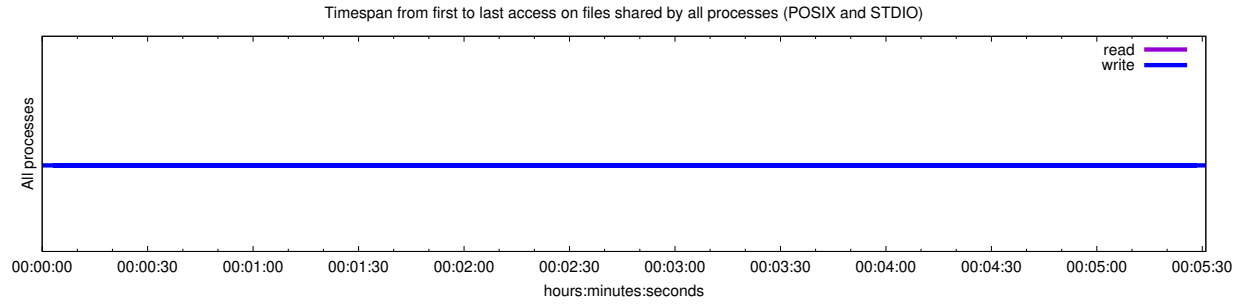
	access size	count
POSIX	188	253800
	3136	170540
	45	55056
	8192	31712

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

type	number of files	avg. size	max size
total opened	593	4.1M	721M
read-only files	370	850K	53M
write-only files	171	7.0M	92M
read/write files	48	19M	721M
created files	219	9.5M	721M





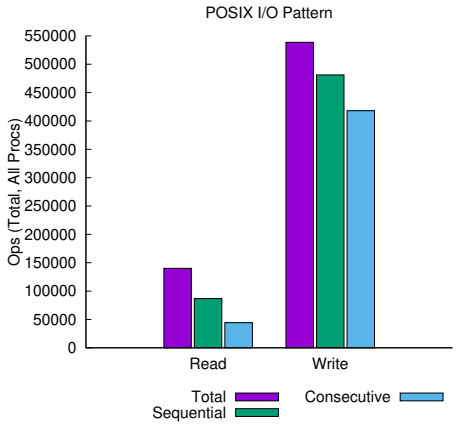


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0.0369147847222221	5.18883185254203
Independent writes	0.127967256944444	31.4109585020277
Independent metadata	0.717782701388888	N/A
Shared reads	0.00262858333333333	0.045501708984375
Shared writes	0.000445798611111111	0.00358676910400391
Shared metadata	0.00693275	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/p/scratch	4523.17802	0.99989	622.94811	0.82647
/p/project	0.00000	0.00000	130.79592	0.17353
UNKNOWN	0.51649	0.00011	0.00000	0.00000



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
...rk/namcouple	144	0	0.000214	47K	48	0.014460	47K	0.004	0
...<STDERR>	144	3	0.000000	0	96	0.012593	147K	0.001	1.24e+04
...<STDOUT>	144	2	0.000006	89	0	0.010175	189K	0.00141	1.67e+04
...<STDIN>	144	20	0.000000	0	96	0.000285	0	0	0