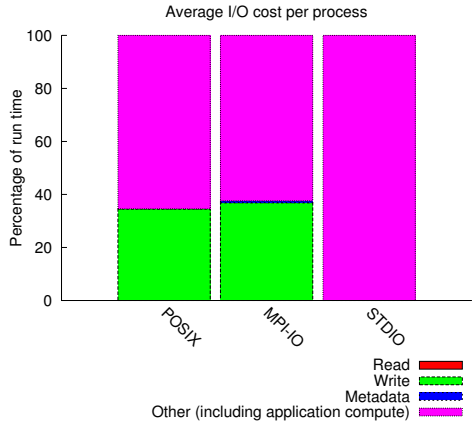
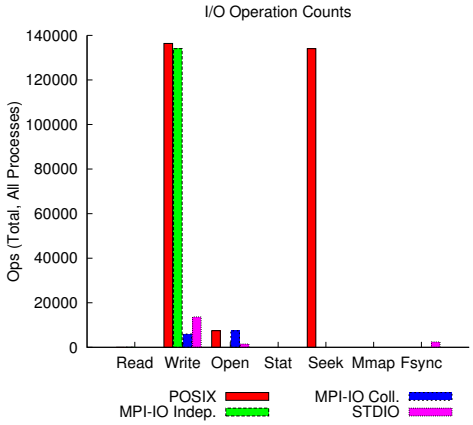
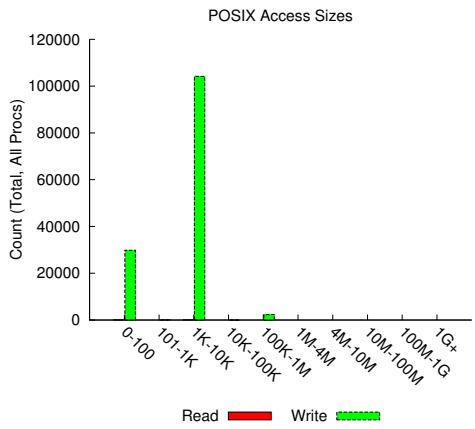
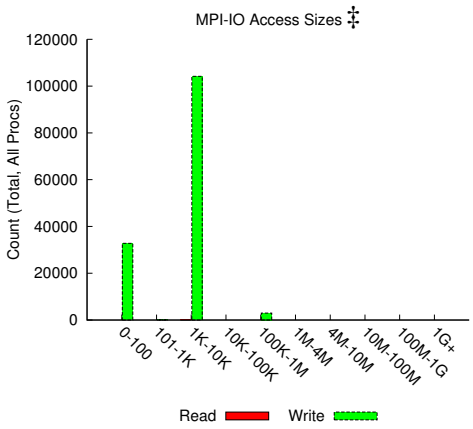
jobid: 9778001	uid: 59902	nprocs: 744	runtime: 490 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 154768 MiB at 8.81 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 0.1 MiB at 1.30 MiB/s









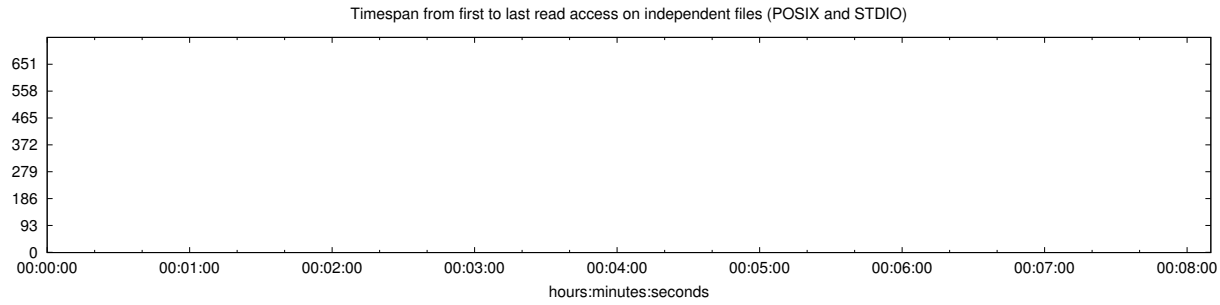
Most Common Access Sizes
(POSIX or MPI-IO)

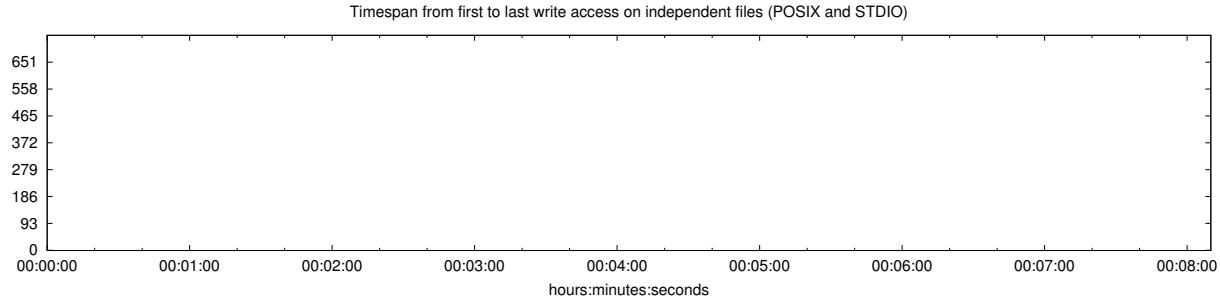
	access size	count
POSIX	4096	104160
	68	7440
	64	7440
	24	3620
MPI-IO ‡	4096	104161
	68	7440
	64	7440
	24	3620

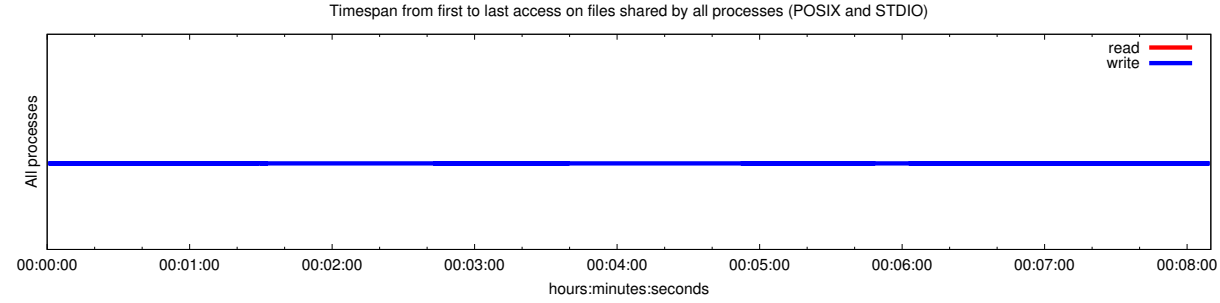
‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

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

type	number of files	avg. size	max size
total opened	13	212M	586M
read-only files	1	2.1K	2.1K
write-only files	12	230M	586M
read/write files	0	0	0
created files	12	230M	586M





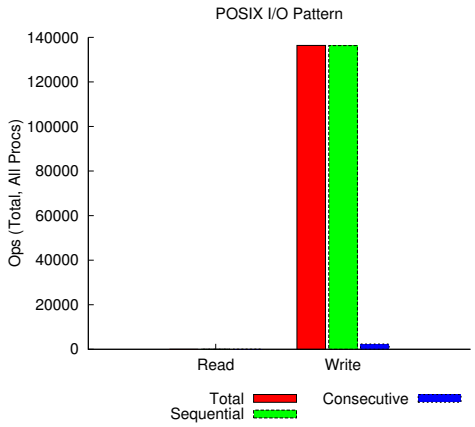


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0	0
Independent writes	7.12365591397849e-07	2.31496749385711e-06
Independent metadata	5.34139784946237e-06	N/A
Shared reads	7.63440860215054e-07	2.74822276125672e-06
Shared writes	153.620384114247	3.69582564600052
Shared metadata	0.0842162029569892	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/global/cscratch1	2749.54840	0.99995	0.00000	0.00000
UNKNOWN	0.14588	0.00005	0.00000	0.00000
/global/u2	0.00172	0.00000	0.00204	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
....00000.athdf	744	32	20.723499	113K	132	81.703559	113K	10.2	75.8
....00004.athdf	744	739	16.168916	113K	44	60.941167	113K	7.83	75.8
....00001.athdf	744	743	12.456123	113K	132	53.494984	113K	6.86	75.8
....00003.athdf	744	736	12.112382	113K	408	51.100489	113K	6.67	75.8
....00002.athdf	744	33	11.729105	113K	133	49.963654	113K	5.91	75.8
...sk.00001.rst	744	97	0.000702	0	0	2.451822	586M	0.0898	2.25e+07
...sk.final.rst	744	102	0.000588	0	0	2.421726	586M	0.0887	2.25e+07
...sk.00002.rst	744	692	0.000620	0	0	2.381909	586M	0.0872	2.25e+07
...sk.00000.rst	744	95	0.000551	0	0	2.344103	586M	0.0858	2.25e+07
...t.globaldisk	744	152	0.034078	0	36	0.121883	0	0.018	78.6
...<STDOUT>	744	22	0.000000	0	0	0.109172	128K	0.004	4.79e+03
...<STDERR>	744	0	-11681.461228	12K	22	0.000000	0	428	421