jobid: 11243089	uid: 76535	nprocs: 128	runtime: 27 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 125204 MiB at 6536.47 MiB/s
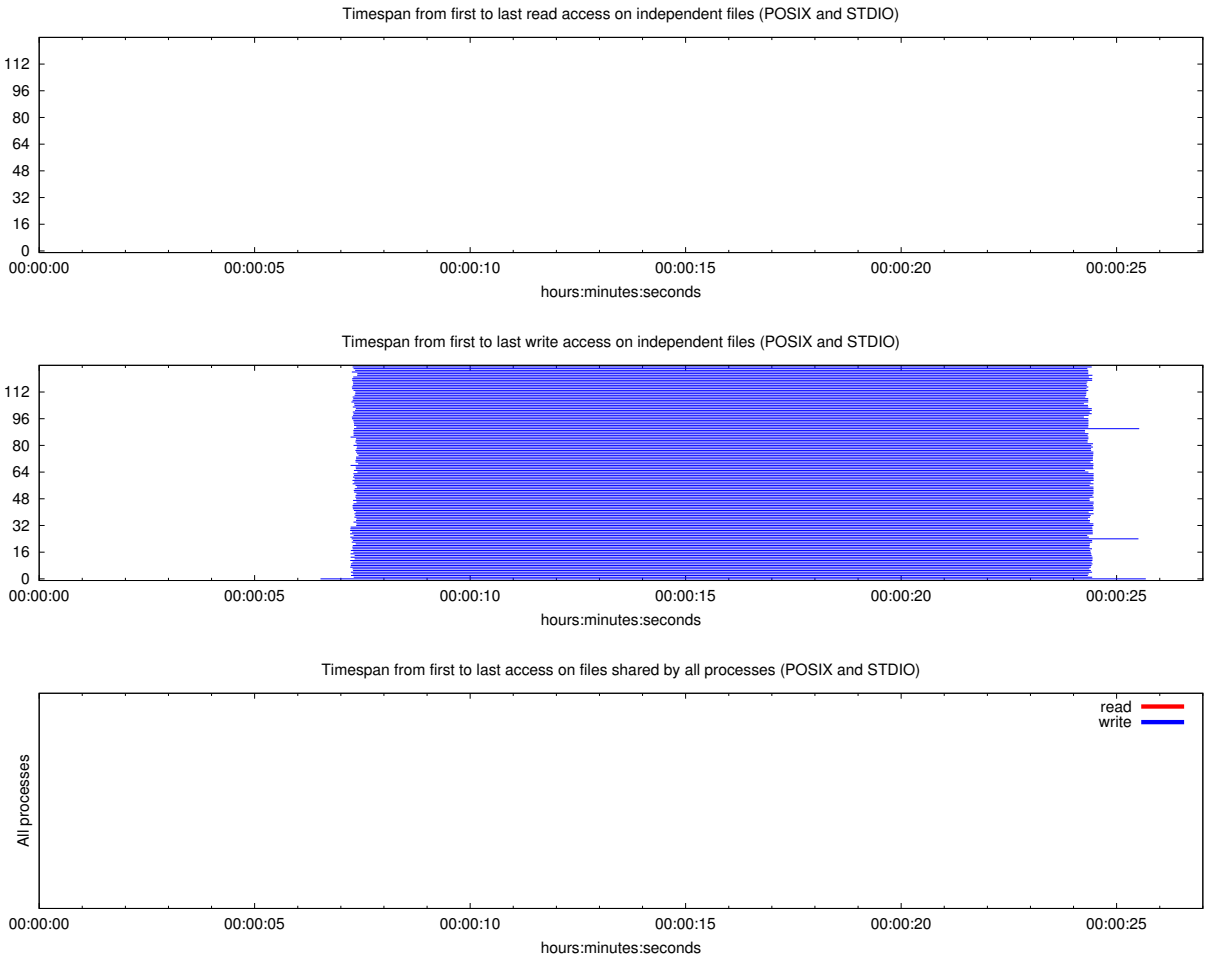I/O performance *estimate* (at the STDIO layer): transferred 0.1 MiB at 0.16 MiB/s

Average I/O cost per process

I/O Operation Counts

POSIX Access Sizes
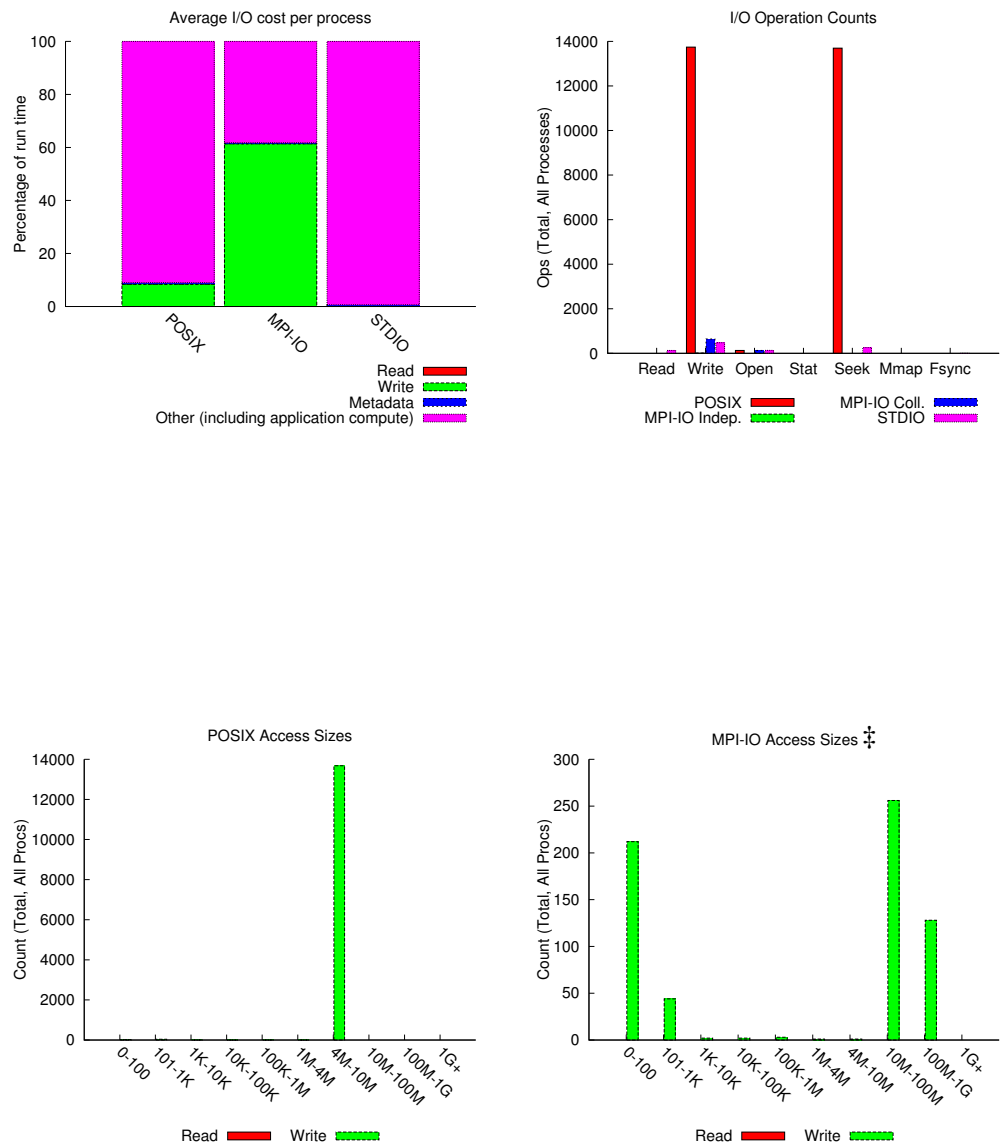
MPI-IO Access Sizes ‡

Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	8388608	13673
	40	8
	272	7
	544	7
MPI-IO ‡	15092736	104
	13206144	24
	50675712	22
	50231808	11

‡ 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	5	22G	106G
read-only files	1	871	871
write-only files	4	27G	106G
read/write files	0	0	0
created files	4	27G	106G

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 (MB)
Independent reads	1.609375e-06	0.000830650329589844
Independent writes	-2.58569384375	854.846842736006
Independent metadata	0.3638420703125	N/A
Shared reads	0	0
Shared writes	0	0
Shared metadata	0	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/var/opt/cray/dws/mounts/batch/11243089_striped_scratch	109420.38279	1.00000	0.00000	0.00000
/global/cscratch1	0.00998	0.00000	0.10632	1.00000
UNKNOWN	0.00310	0.00000	0.00000	0.00000

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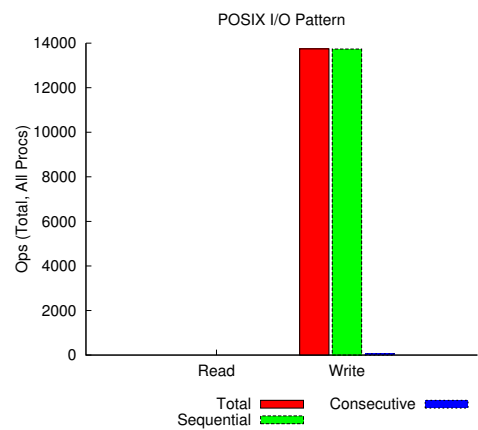
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes