jobid: 45858	uid: 922637	nprocs: 1	runtime: 6 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 198 MiB at 919.97 MiB/s
I/O performance *estimate* (at the STDIO layer): transferred 0.0 MiB at 2.76 MiB/s

Average I/O cost per process

I/O Operation Counts

POSIX Access Sizes
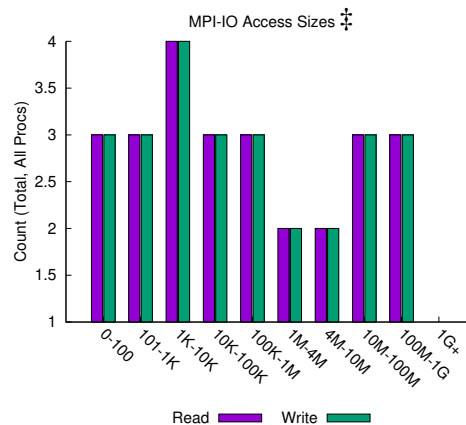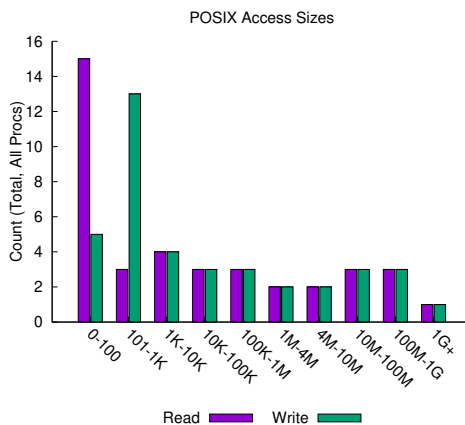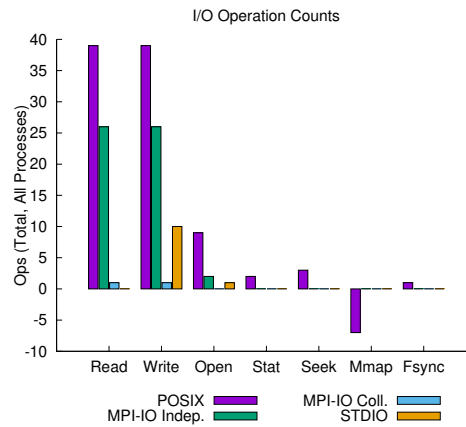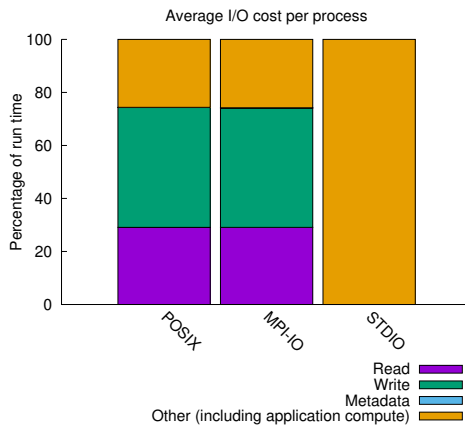
MPI-IO Access Sizes ‡

Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	1024	10
	8	8
	1073741825	2
	134217729	2
MPI-IO ‡	8	4
	268435457	2
	1073741825	2
	536870913	2

‡ 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	8	193M	1.6G
read-only files	1	8	8
write-only files	2	107	198
read/write files	4	385M	1.6G
created files	6	257M	1.6G

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

MPI rank

00:00:00   00:00:01   00:00:02   00:00:03   00:00:04   00:00:05   00:00:06

hours:minutes:seconds

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

MPI rank

00:00:00   00:00:01   00:00:02   00:00:03   00:00:04   00:00:05   00:00:06

hours:minutes:seconds

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

All processes

00:00:00   00:00:01   00:00:02   00:00:03   00:00:04   00:00:05   00:00:06

hours:minutes:seconds

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	0	0
Independent metadata	0	N/A
Shared reads	1.746352	2047.99999332428
Shared writes	2.712452	2048.00994777679
Shared metadata	0.004309	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
UNKNOWN	0.00019	0.00000	0.00000	0.00000
/pfs/data2	2048.00976	1.00000	2047.99999	1.00000

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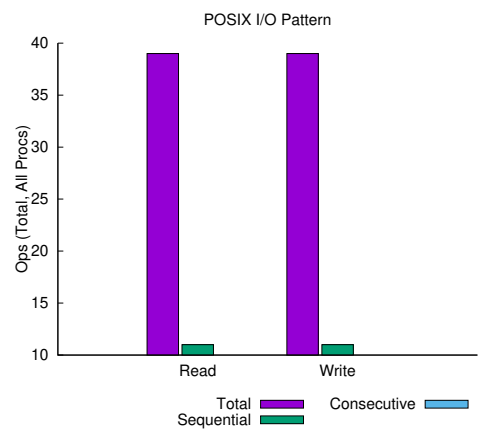
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

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