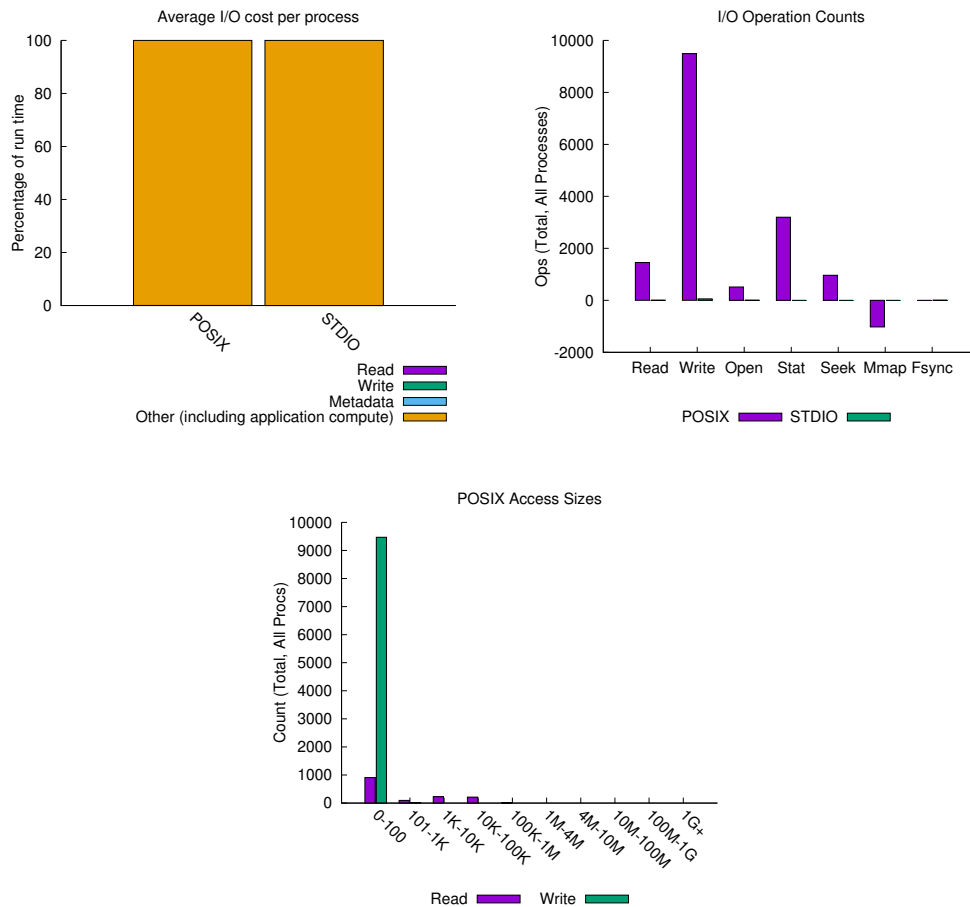**WARNING**: This Darshan log contains incomplete data which may skew results in this document.

| jobid: 6041 | uid: 1000 | nprocs: 1 | runtime: 287 seconds |

I/O performance *estimate* (at the POSIX layer): transferred 10.1 MiB at 88.94 MiB/s
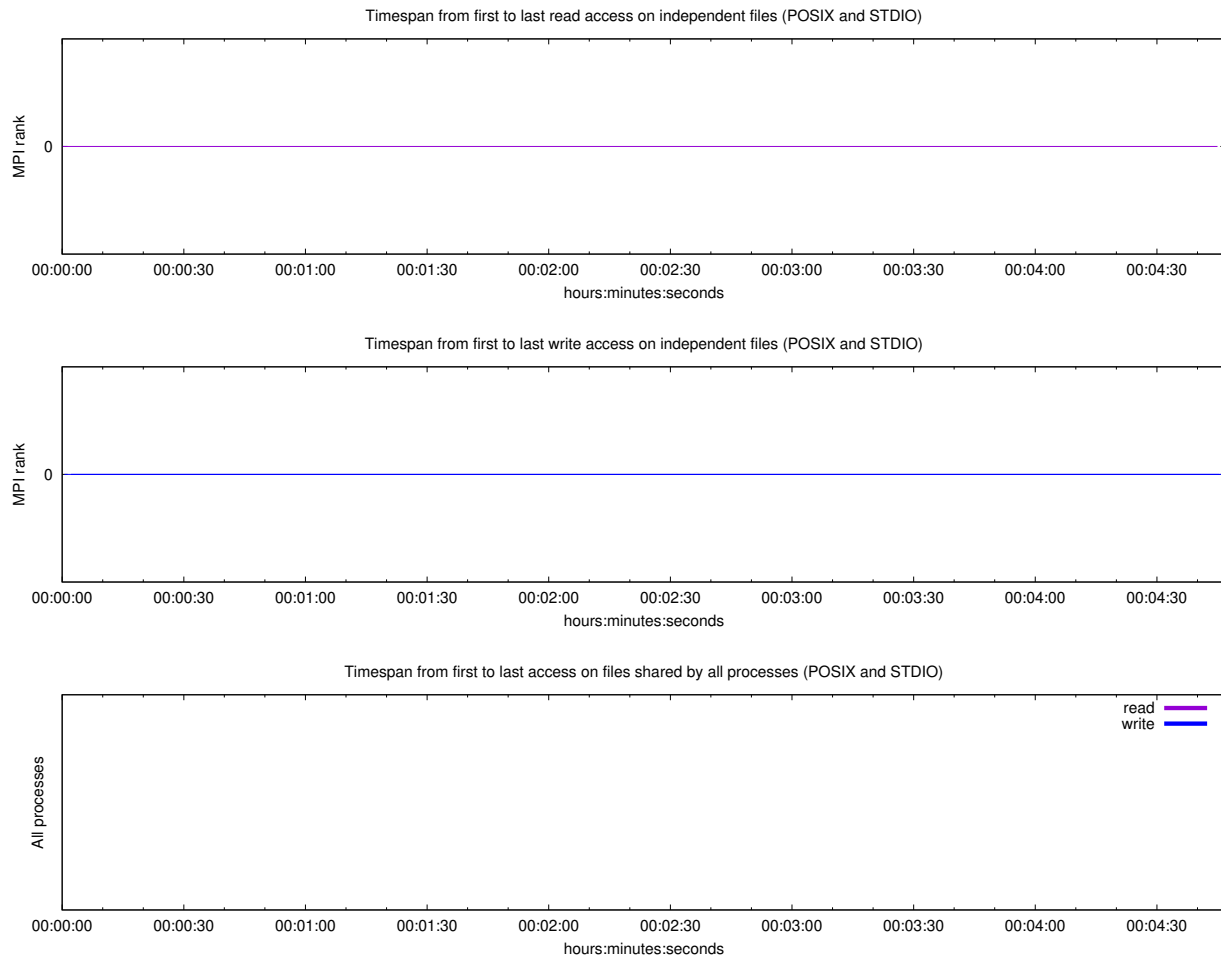I/O performance *estimate* (at the STDIO layer): transferred 0.0 MiB at 50.66 MiB/s

Average I/O cost per process

I/O Operation Counts

Read — Write — Metadata — Other (including application compute)

POSIX — STDIO

POSIX Access Sizes

Read — Write

Most Common Access Sizes (POSIX or MPI-IO)

	access size	count
POSIX	85	4695
	84	3417
	86	1239
	16	401

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

type	number of files	avg. size	max size
total opened	504	21K	781K
read-only files	500	20K	267K
write-only files	3	264K	781K
read/write files	0	0	0
created files	3	264K	781K

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

MPI rank

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

MPI rank

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

All processes

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	0.046549	9.35267639160156
Independent writes	0.046681	0.772393226623535
Independent metadata	0.020773	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
UNKNOWN	0.77154	0.99889	0.00000	0.00000
/home	0.00000	0.00000	9.34473	0.99915
/	0.00085	0.00111	0.00795	0.00085

POSIX I/O Pattern

Ops (Total, All Procs)

10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0

Read   Write

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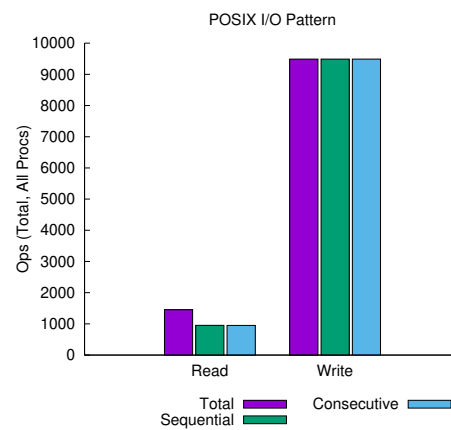
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

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