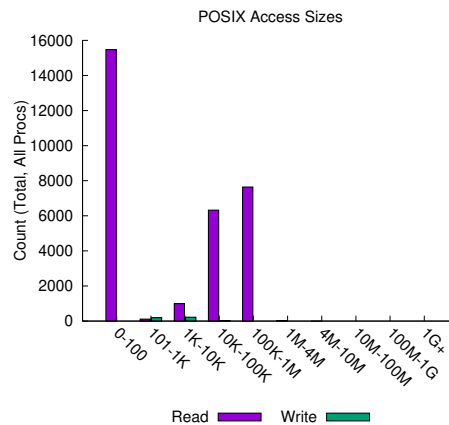
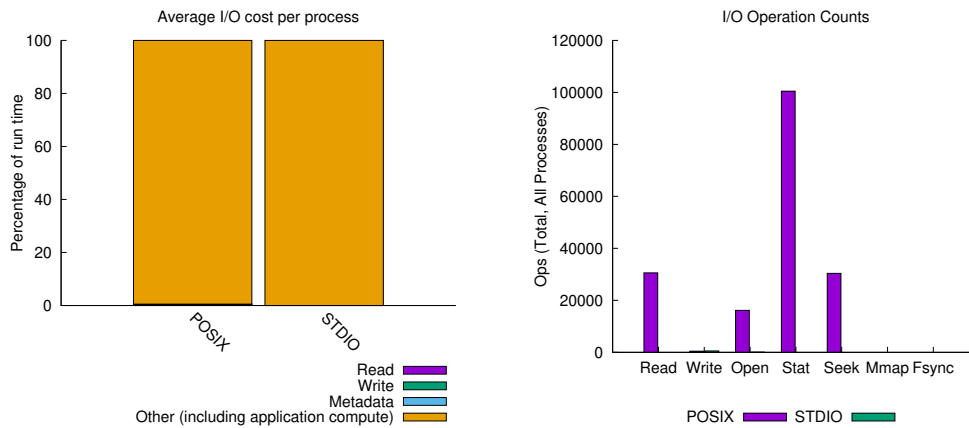


WARNING: This Darshan log contains incomplete data. This happens when a module runs out of memory to store new record data. Please run darshan-parser on the log file for more information.

jobid: 10021979	uid: 35330	nprocs: 16	runtime: 3640 seconds
-----------------	------------	------------	-----------------------

I/O performance *estimate* (at the POSIX layer): transferred **1571.2 MiB** at **70.92 MiB/s**

I/O performance *estimate* (at the STDIO layer): transferred **0.1 MiB** at **125.34 MiB/s**

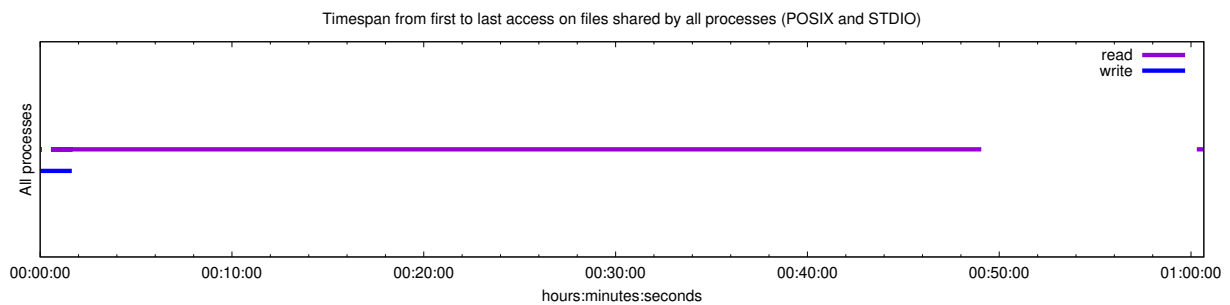
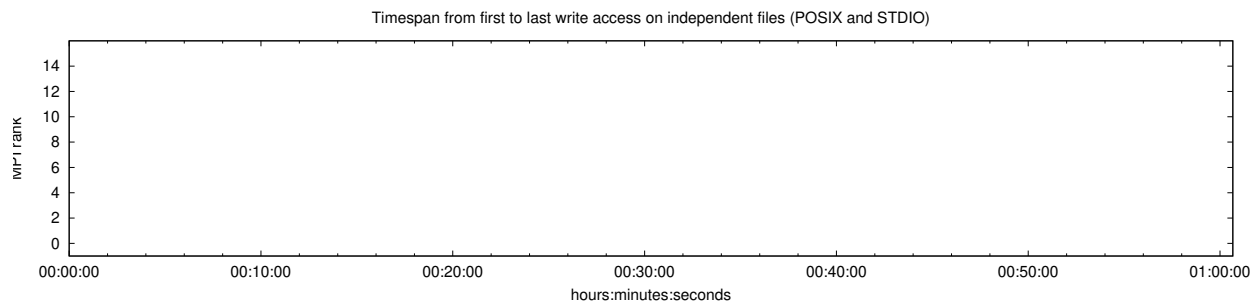
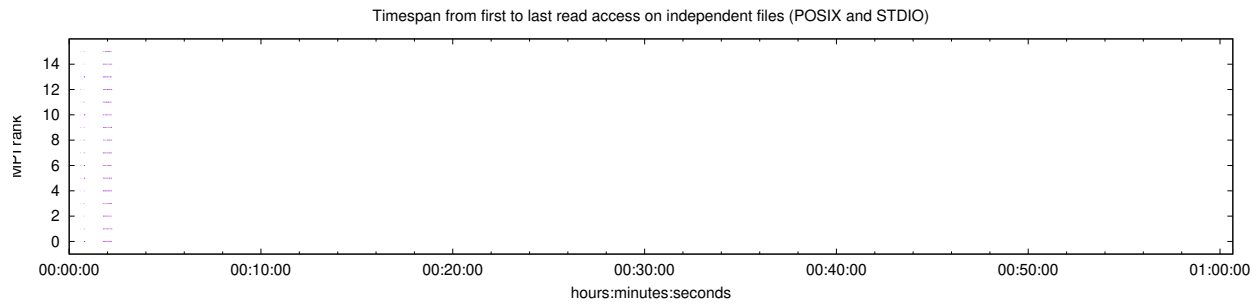


Most Common Access Sizes (POSIX or MPI-IO)

	access size	count
POSIX	2	192
	8	192
	720	64
	12759	49

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

type	number of files	avg. size	max size
total opened	14792	108K	4.4M
read-only files	14315	111K	4.4M
write-only files	241	3.0K	20K
read/write files	224	2.4K	16K
created files	465	2.7K	20K

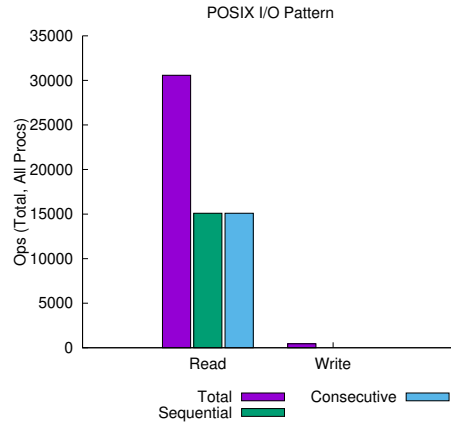


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	17.9404724374998	97.4454905986786
Independent writes	0.000673624999999999	0.0753364562988281
Independent metadata	0.949816187500003	N/A
Shared reads	0.185442625	0.679891645908356
Shared writes	0.0003241875	0.00588035583496094
Shared metadata	0.0817081875	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/	1.20538	0.92760	1570.00428	1.00000
/lus/theta-fs0	0.00000	0.00000	0.00183	0.00000
UNKNOWN	0.09409	0.07240	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
.../impl/api.py	16	15	0.059256	32K	8	0.073587	32K	0.004	0
...ython-38.pyc	16	13	0.000058	17K	6	0.022150	17K	0.0102	0
...ython-38.pyc	16	12	0.000048	3.3K	3	0.020913	3.3K	0.00964	0
...agePlugin.py	16	8	0.000012	0	4	0.020559	67K	0.005	1.66e+04
.../_init_.py	16	13	0.000541	82K	4	0.019194	82K	0.0049	0
...ython-38.pyc	16	8	0.000057	2.4K	12	0.018934	2.4K	0.0086	0
...ython-38.pyc	16	2	0.000094	6.8K	4	0.018646	6.8K	0.00574	0
...ython-38.pyc	16	11	0.000059	7.2K	3	0.018457	7.2K	0.00843	0
...ython-38.pyc	16	9	0.000056	17K	0	0.017863	17K	0.00843	0
...flow/util.py	16	6	0.000136	1.2K	8	0.017850	1.2K	0.00775	0
...ython-38.pyc	16	10	0.016912	12K	4	0.017297	12K	0	0
...mpression.py	16	9	0.000267	4.8K	4	0.016627	4.8K	0.0048	0
...ython-38.pyc	16	11	0.000059	29K	1	0.015746	29K	0.00707	0
...on/basics.py	16	4	0.000281	19K	6	0.014948	19K	0.00671	0
...ython-38.pyc	16	13	0.000123	71K	3	0.014541	71K	0.00346	0
...ython-38.pyc	16	11	0.000062	47K	1	0.014352	47K	0.00648	0
.../training.py	16	5	0.000495	247K	11	0.013799	247K	0.004	0
...ython-38.pyc	16	2	0.000047	1.4K	4	0.013738	1.4K	0.00648	0
...ython-38.pyc	16	12	0.000046	6.4K	10	0.013492	6.4K	0.00624	0
...ython-38.pyc	16	12	0.000047	1.4K	1	0.013294	1.4K	0.00632	0