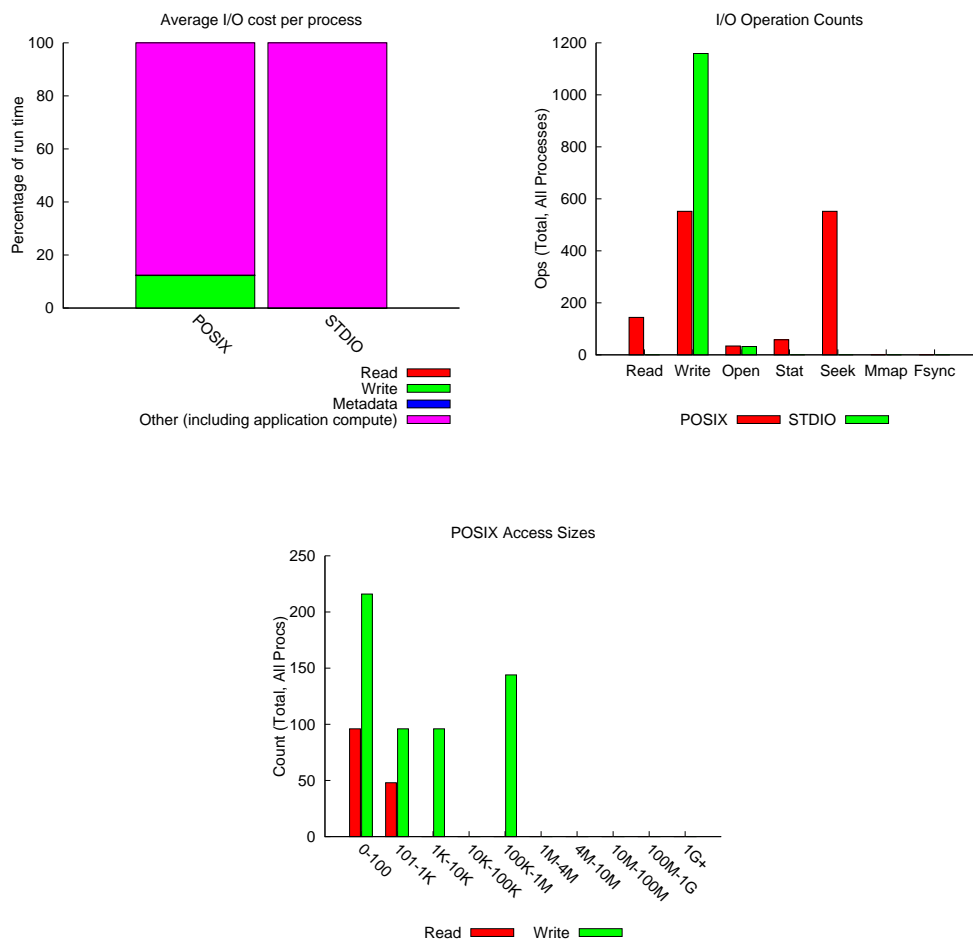


jobid: 55636	uid: 28309	nprocs: 4	runtime: 22 seconds
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I/O performance *estimate* (at the POSIX layer): transferred **18045 MiB** at **20.59 MiB/s**

I/O performance *estimate* (at the STDIO layer): transferred **0.0 MiB** at **0.93 MiB/s**

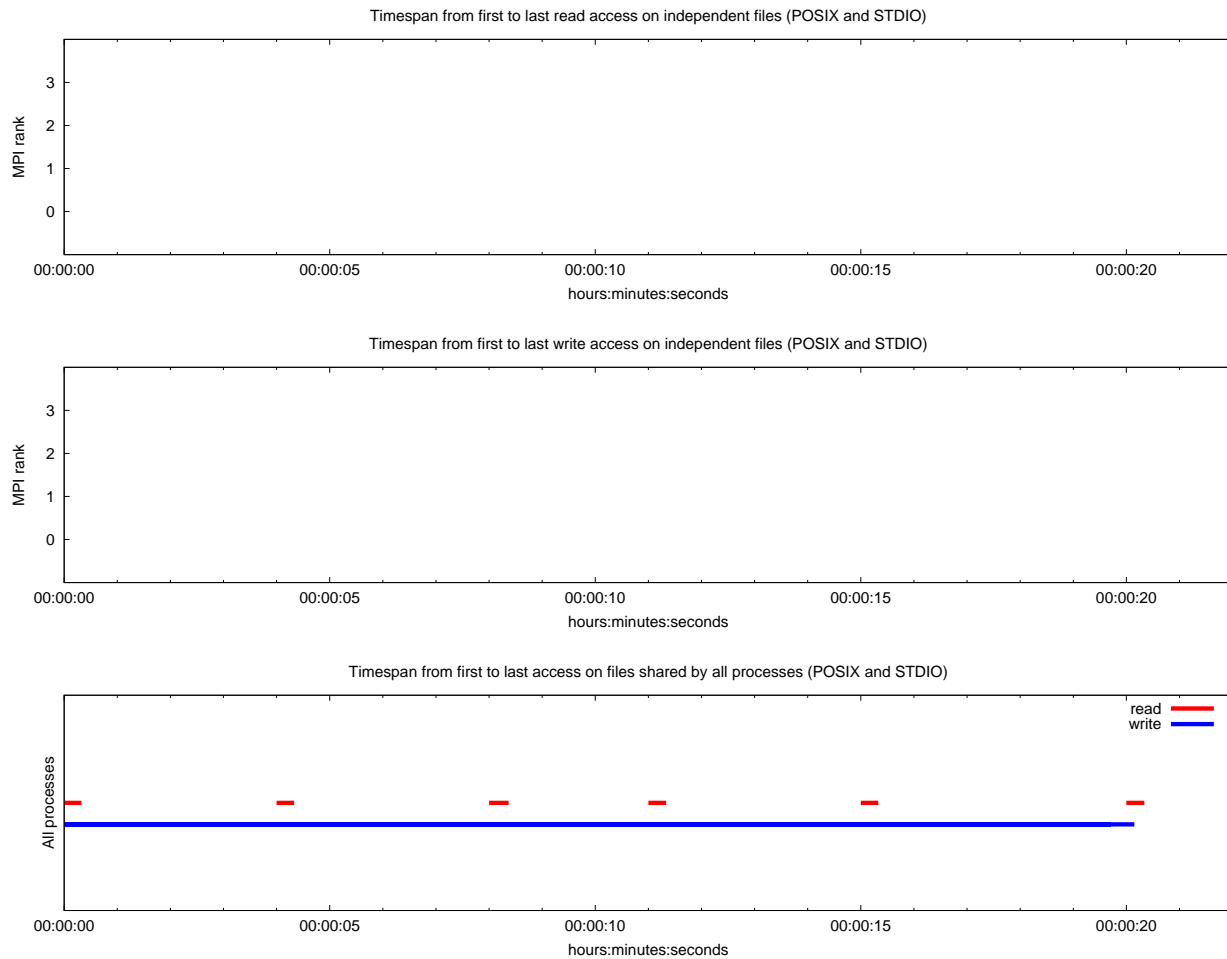


Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	16	120
	192	96
	72	96
	560016	12

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

type	number of files	avg. size	max size
total opened	14	1.1M	2.5M
read-only files	0	0	0
write-only files	8	1004	4.7K
read/write files	6	2.4M	2.5M
created files	14	1.1M	2.5M

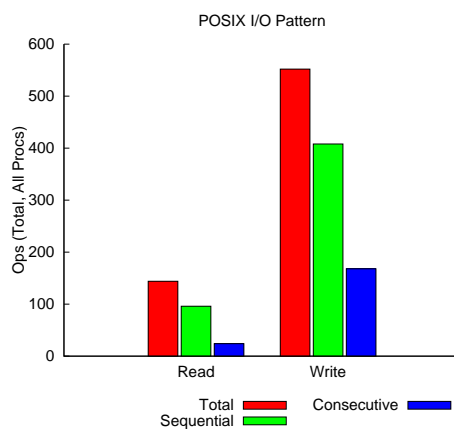


Average I/O per process (POSIX and STDIO)

	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	6.4e-05	0.003204345703125
Shared writes	2.695357	14.1799728870392
Shared metadata	0.046056	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
UNKNOWN	0.00478	0.00008	0.00000	0.00000
/turquoise/usr/projects/workflow_perf	56.71512	0.99992	0.01282	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
...ckup00200.h5	4	0	0.483597	2.4M	2	0.491056	2.4M	0.00265	0
...ckup00300.h5	4	0	0.450696	2.4M	1	0.463359	2.4M	0.00469	0
...ckup00500.h5	4	1	0.447270	2.5M	2	0.458620	2.5M	0.00447	0
...ckup00100.h5	4	0	0.441712	2.4M	3	0.454050	2.4M	0.005	0
...ckup00400.h5	4	2	0.441612	2.4M	3	0.451548	2.4M	0.00374	0
...ckup00000.h5	4	2	0.433811	2.3M	3	0.435825	2.3M	0.001	0
...x_timing.log	4	0	0.000988	380	1	0.008724	380	0.00332	0.866
...kup00200.crx	4	0	0.000966	480	3	0.002393	480	0	0
...kup00500.crx	4	0	0.001034	480	2	0.001480	480	0	0
...kup00300.crx	4	1	0.000784	480	2	0.001424	480	0	0
...kup00100.crx	4	3	0.000979	480	1	0.001329	480	0	0
...kup00400.crx	4	0	0.000884	480	2	0.001324	480	0	0
...kup00000.crx	4	2	0.000797	480	3	0.001274	480	0	0
...<STDOUT>	4	2	0.000009	80	0	0.000602	4.7K	0	2.03e+03