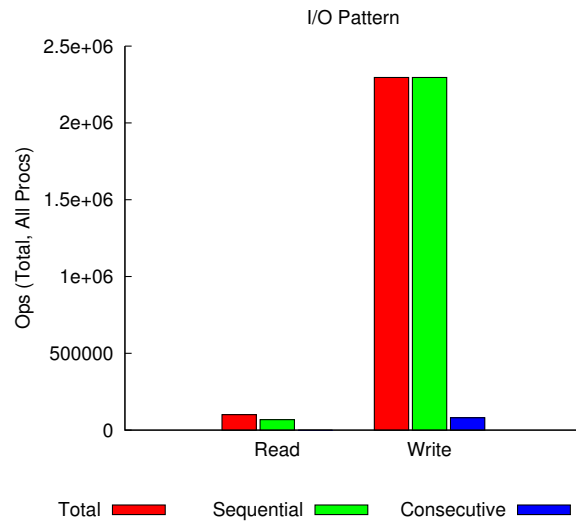
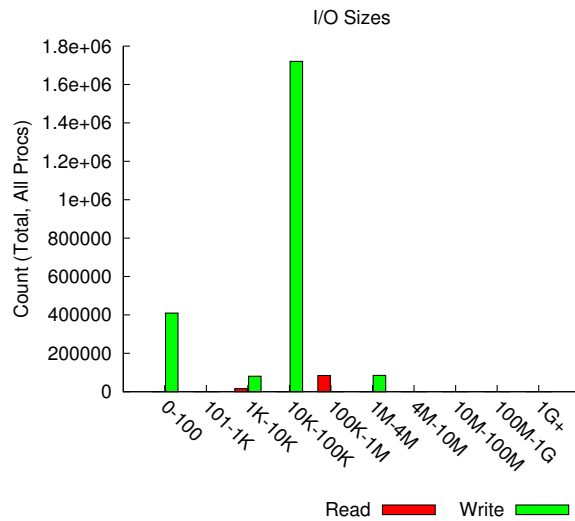
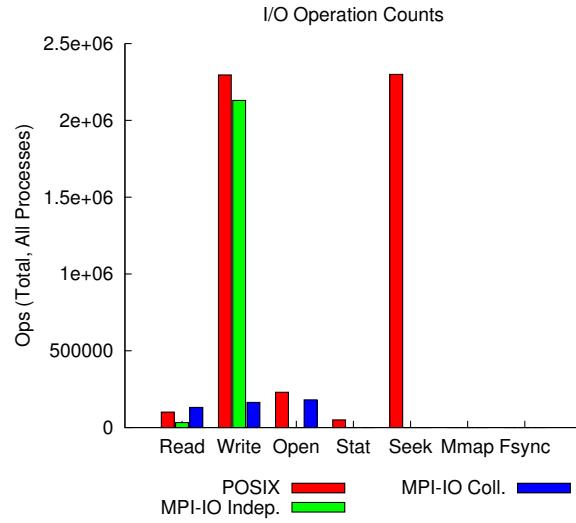
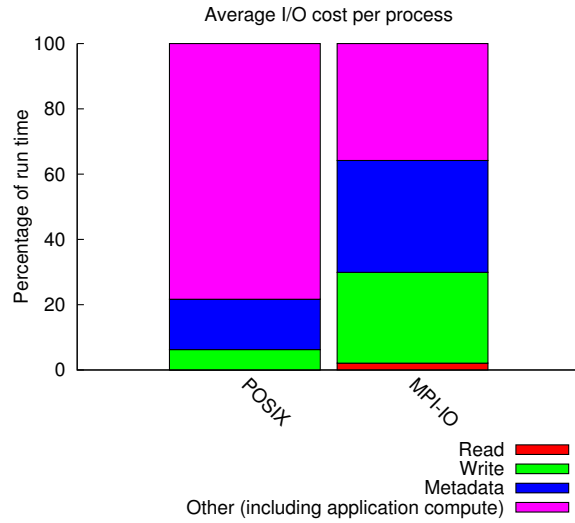
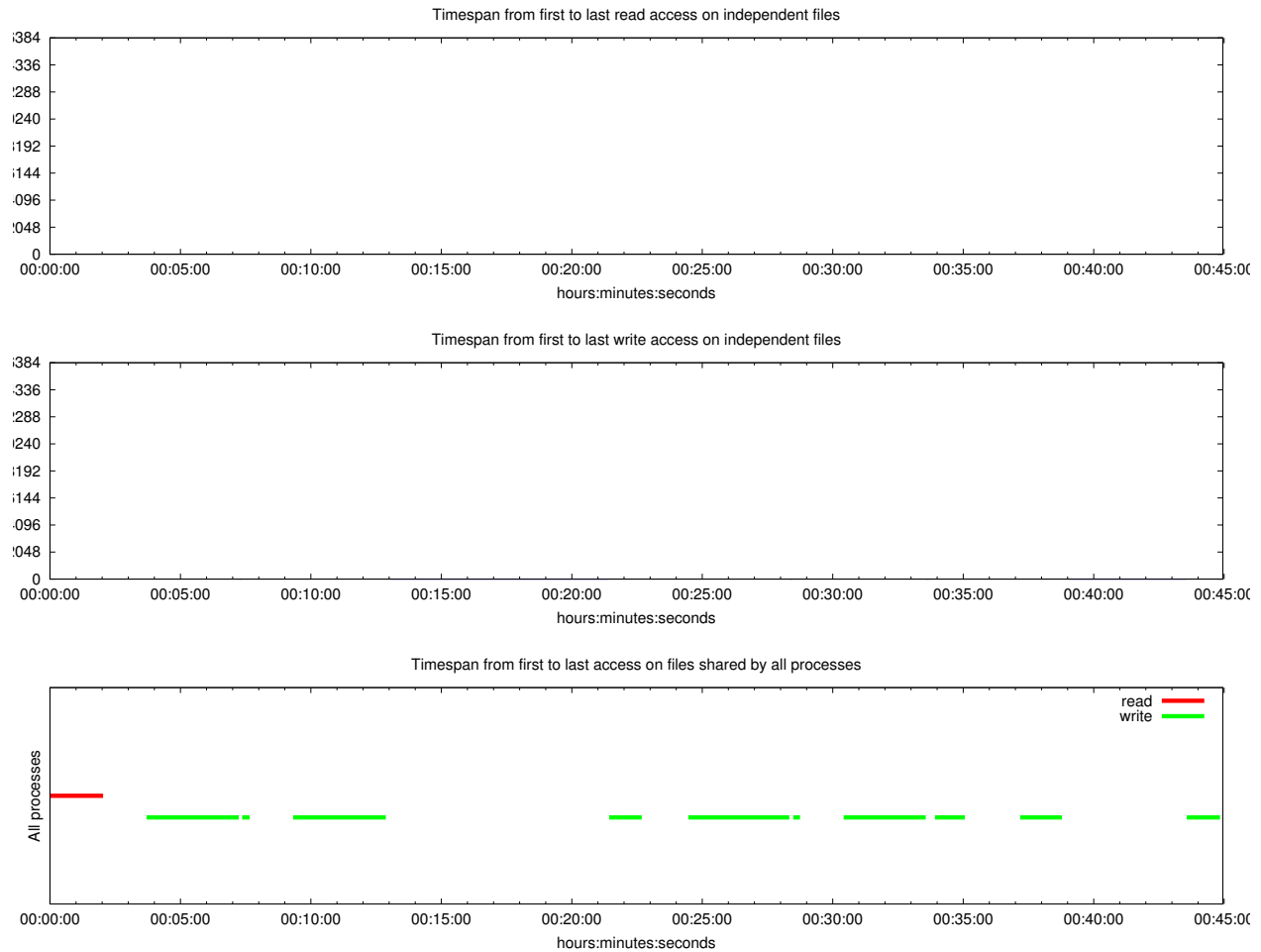


jobid: 437905	uid: 59902	nprocs: 16384	runtime: 2697 seconds
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Most Common Access Sizes		File Count Summary (estimated by I/O access offsets)			
access size	count	type	number of files	avg. size	max size
12288	1802240	total opened	27	16G	67G
68	163850	read-only files	1	67G	67G
4194304	85000	write-only files	15	24G	67G
52	81920	read/write files	0	0	0
		created files	15	24G	67G



Average I/O per process

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0.000000	0.000000
Independent writes	0.047915	0.038533
Independent metadata	0.000874	N/A
Shared reads	0.432258	4.779297
Shared writes	168.172068	21.983645
Shared metadata	415.906486	N/A

Data Transfer Per Filesystem

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/global/u2	0.00000	0.00000	0.00000	0.00000
/	0.00000	0.00000	0.00000	0.00000
/scratch1	0.00000	0.00000	78304.00012	1.00000
/global/project	360811.37707	1.00000	0.00000	0.00000

```
/global/u2/y/yanfei/GlobalStarMidFlux/bin/./athena -r /scratch1/scratchdirs/yanfei/GlobalStarMidFlux/restart/star.out3.00023.rst time/tlim=0.14
-d /global/project/projectdirs/m1972/GlobalStarMidFlux
```

Variance in Shared Files

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes
....out3.00025.rst	16384	0	75.953782	4.8G	3636	597.156778	0	2.47	1.49e+08
....out3.00028.rst	16384	0	77.887026	4.8G	11249	366.312218	0	0.674	1.49e+08
...ut1.00026.athdf	16384	8814	27.126129	253K	9262	225.445199	253K	29.7	15.1
...ut1.00025.athdf	16384	665	25.934705	253K	10104	206.326852	253K	26.3	15.1
...ut1.00024.athdf	16384	14162	18.788661	253K	15530	206.254369	253K	27.7	15.1
...ut1.00027.athdf	16384	10945	21.520808	253K	15785	189.010465	253K	25.7	15.1
....out3.00023.rst	16384	11715	96.429946	644K	4753	122.480517	644K	0.55	3.94e+08
...ut1.00028.athdf	16384	7061	31.215393	253K	3429	110.579947	253K	11.5	15.1
....out3.00027.rst	16384	4818	81.028708	0	14066	101.320287	0	4.37	1.49e+08
....out3.00024.rst	16384	0	18.948929	4.8G	7656	27.139624	0	0.536	1.49e+08
....out3.00026.rst	16384	0	20.670394	4.8G	11520	26.739598	4.8G	0.546	1.49e+08
.../aveopacity.txt	16384	4753	0.025524	0	15338	24.752738	0	4.39	0
...ux/bin/logT.txt	16384	11674	0.000305	0	7325	0.018902	0	0.00141	0
...bin/logRhoT.txt	16384	5168	0.000302	0	12126	0.016658	0	0.00141	0
...x/bin/Input.txt	512	10390	0.000344	0	10496	0.007596	0	0.000801	0