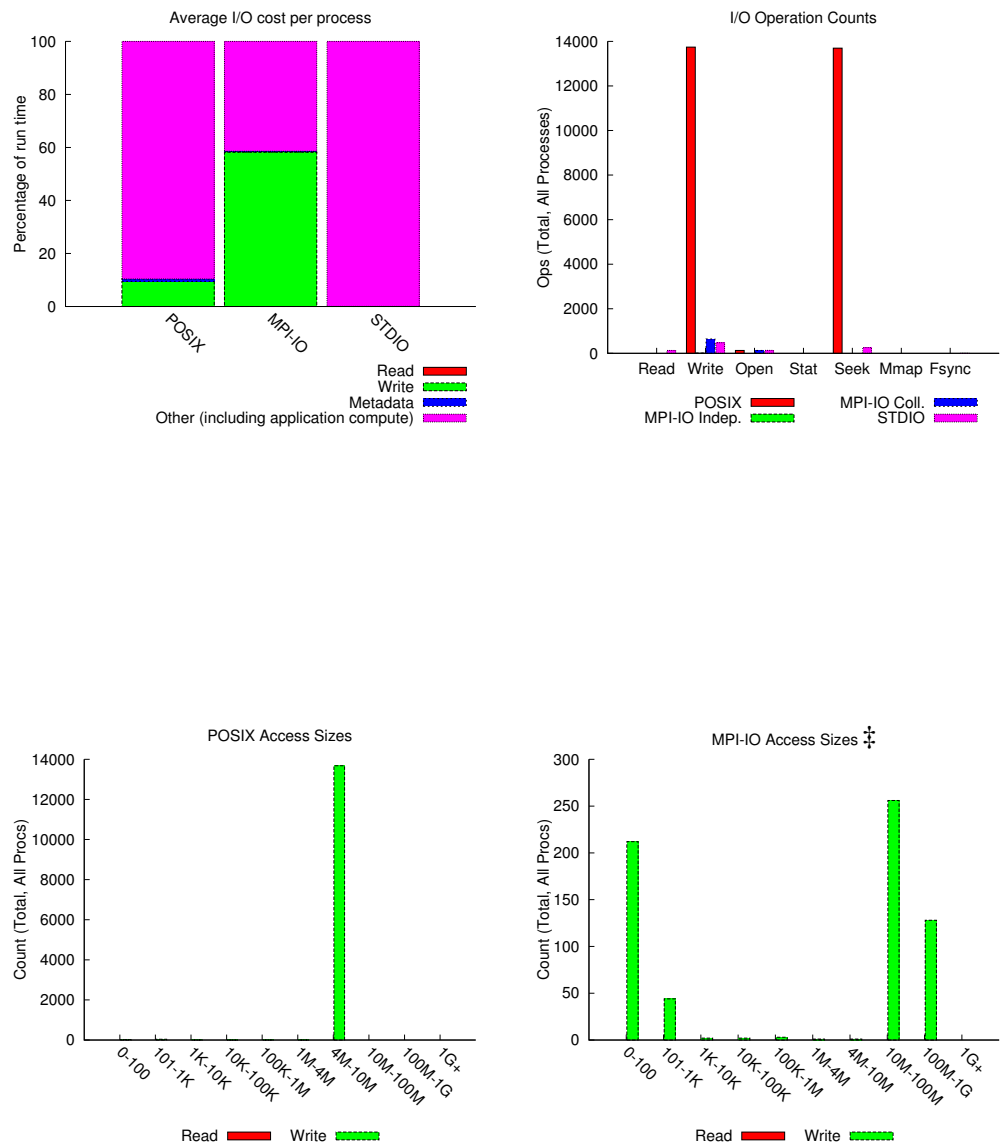


| | | | |
|-----------------|------------|-------------|---------------------|
| jobid: 11245889 | uid: 76535 | nprocs: 128 | runtime: 28 seconds |
|-----------------|------------|-------------|---------------------|

I/O performance *estimate* (at the MPI-IO layer): transferred **128787 MiB** at **6670.61 MiB/s**
I/O performance *estimate* (at the STDIO layer): transferred **0.1 MiB** at **8.87 MiB/s**



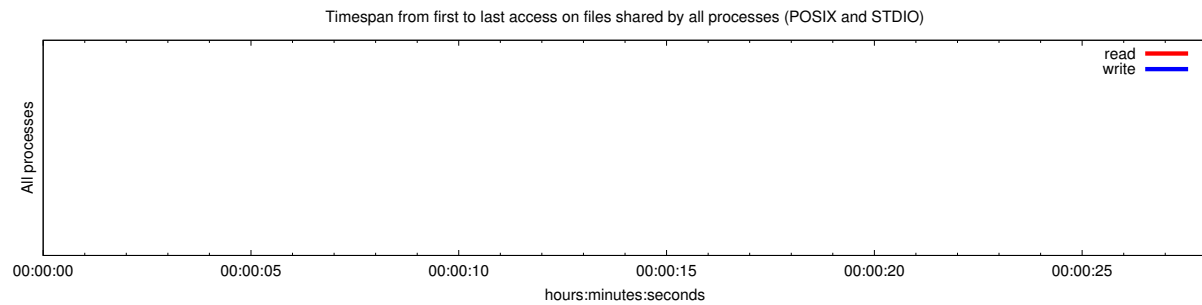
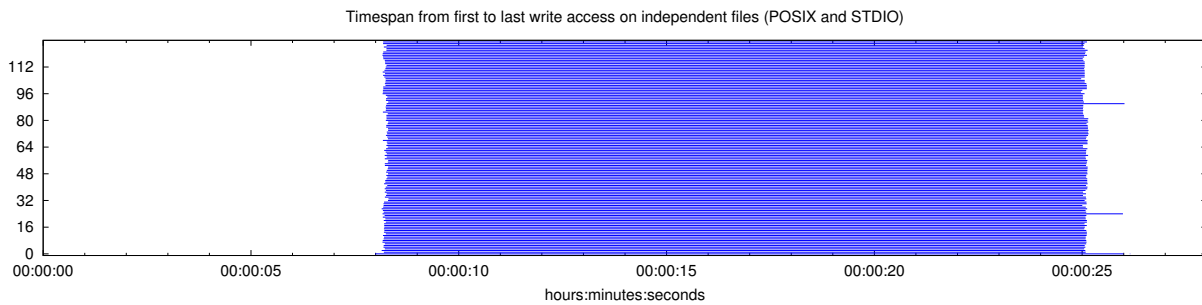
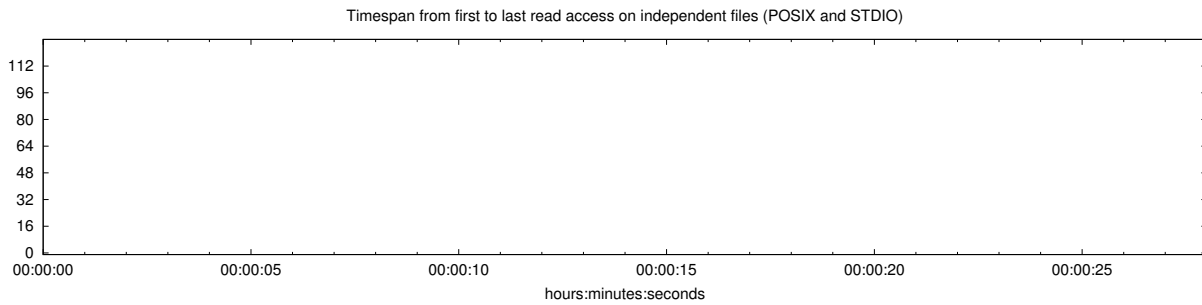
Most Common Access Sizes
(POSIX or MPI-IO)

| | access size | count |
|----------|-------------|-------|
| POSIX | 8388608 | 13673 |
| | 40 | 8 |
| | 544 | 7 |
| | 272 | 7 |
| MPI-IO ‡ | 15092736 | 104 |
| | 13206144 | 24 |
| | 50675712 | 22 |
| | 50231808 | 11 |

‡ 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 | 5 | 22G | 106G |
| read-only files | 1 | 899 | 899 |
| write-only files | 4 | 27G | 106G |
| read/write files | 0 | 0 | 0 |
| created files | 4 | 27G | 106G |

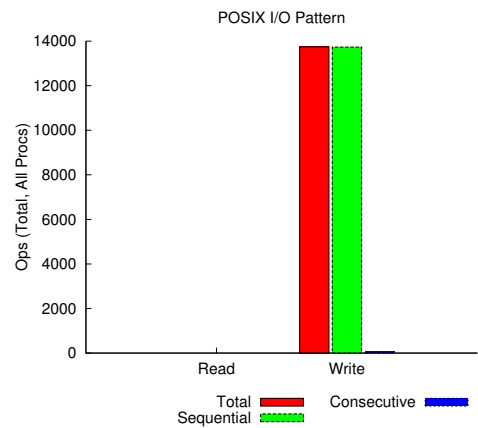


Average I/O per process (POSIX and STDIO)

| | Cumulative time spent in I/O functions (seconds) | Amount of I/O (MB) |
|----------------------|--|----------------------|
| Independent reads | 1.3828125e-06 | 0.000857353210449219 |
| Independent writes | -2.2322867265625 | 854.846842728555 |
| Independent metadata | 0.2572958984375 | 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 |
| /var/opt/cray/dws/mounts/batch/11245889_stripped_scratch | 109420.38279 | 1.00000 | 0.00000 | 0.00000 |
| UNKNOWN | 0.00310 | 0.00000 | 0.00000 | 0.00000 |
| /global/cscratch1 | 0.00998 | 0.00000 | 0.10974 | 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 |