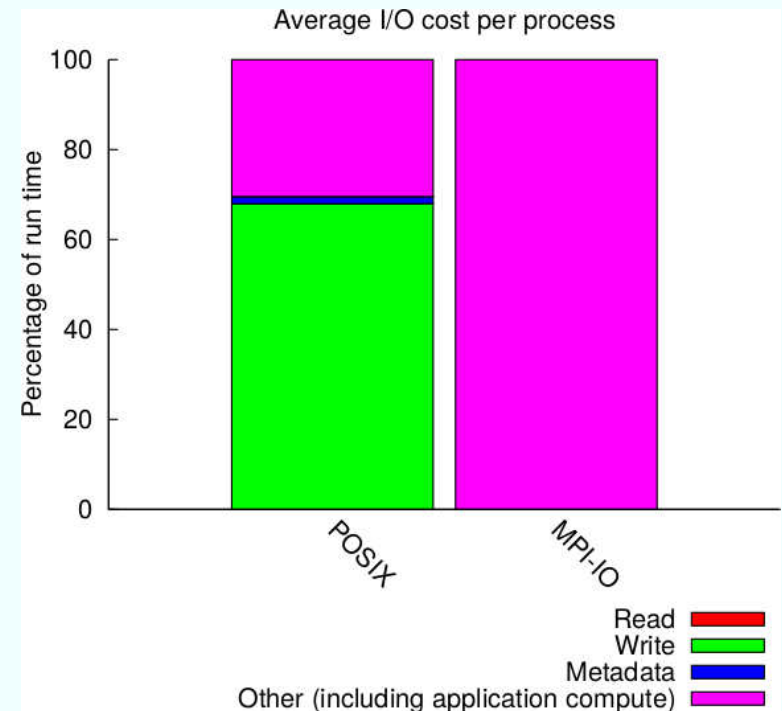


Darshan: Usage example on JURECA/JUROPA3

- Load module
 - module load intel-para darshan-runtime
- Tell srun to use Darshan (in submit script)
 - `LD_PRELOAD=$EBROOTDARSHANMINRUNTIME/lib/libdarshan.so \`
`DARSHAN_LOG_PATH=/path/to/your/logdir \`
`srun -n 32 ./executable`
- Analyse output
 - module load intel-para darshan-util
 - `darshan-job-summary.pl mylog.darshan.gz`
 - `evince mylog.pdf`

Darshan: Interpret the summary

- Average and statistical information on I/O patterns
 - Relative time for I/O
 - Most common access sizes
- Additional metrics
 - File count
 - I/O size histogram
 - Timeline for read / write per task
 - ...



Most Common Access Sizes	
access size	count
4194304	256