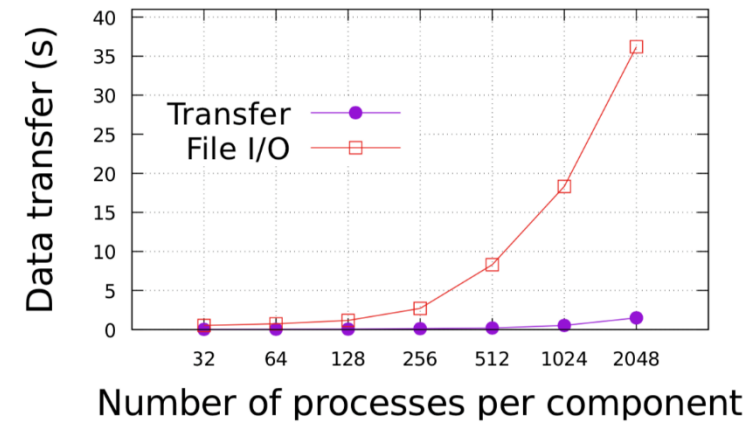
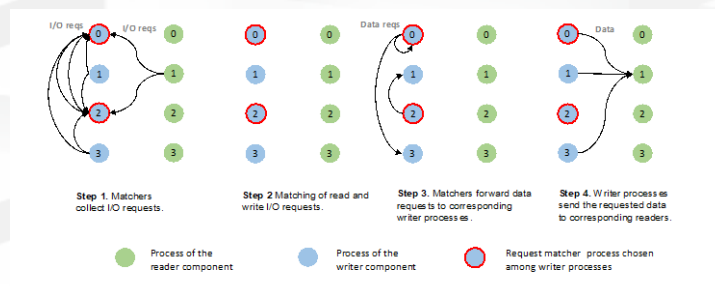


Data-transfer Framework (DTF) for Multi-component Workflow Applications

- Multi-component workflows are becoming prevalent
- I/O over the parallel file system is often the bottleneck
- DTF transparently replaces I/O by direct communication over the high-performance interconnect



- DTF is integrated with PnetCDF
- Minimal application level modifications required
- I/O operations are translated to communication requests and matched automatically between readers and writers



S3D-IO data transfer benchmark