

Projects

PMaCInstrumentor

PMaCinst is a binary re-writer that instruments memory and floating-point operations. The memory address stream of those operations is processed on-the-fly through cache simulator. The cache simulator is capable of simulating multiple cache structures. Output is a summary for each cache structure

PSiNS

PSiNS Tracer is a lightweight instrumentation tool (link time) to capture information about MPI calls including the time spent in each call, argument values of the MPI call, and hardware counter information. PSiNS Simulator is an event simulator similar to Dimemas, developed by the [European Center for Parallelism at Barcelona](#).