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The performance analysis of MPI motrix moltiplication algorithm using intel xtune profiler. reveals several key insights. The MPI communication overhead, perticularly from MPI-Boast and MPI-crather operations, contributes significantly to total runtime, which suggests optimizing the data distribution and reducing communication frequency. Effective care utilization shows some instances, with costain processes being undertilized, likely due to to uneven warload distribution. Memory bundwidth ofilization also indicates potential inefficiencies, which cache misses causing delays.

While it is very difficult to install intel view profiler.