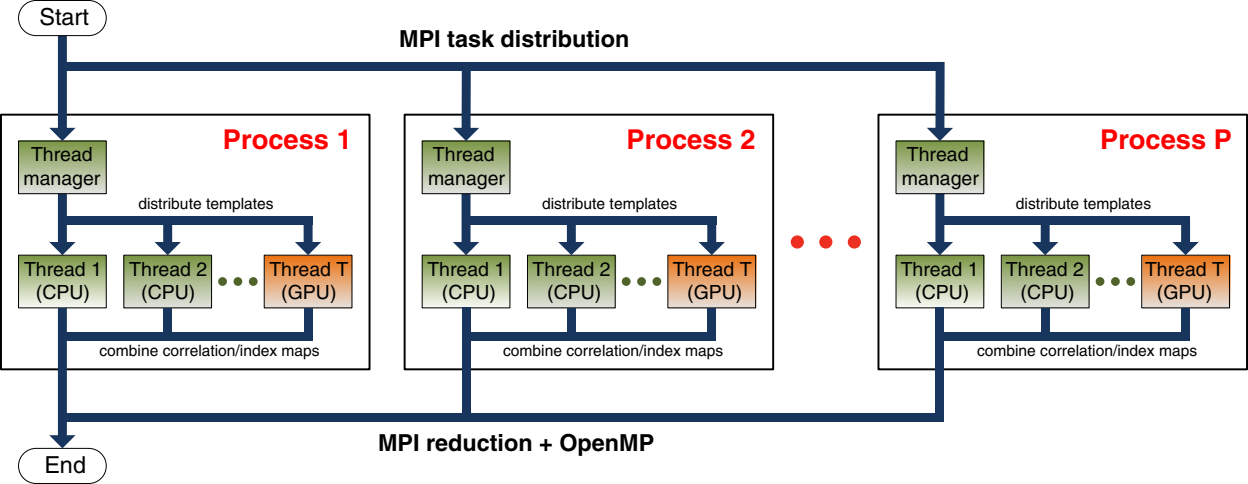
Start
MPI task distribution
Process 1
Thread manager
distribute templates
Thread 1 (CPU)
Thread 2 (CPU)
Thread T (GPU)
combine correlation/index maps
Process 2
Thread manager
distribute templates
Thread 1 (CPU)
Thread 2 (CPU)
Thread T (GPU)
combine correlation/index maps
Process P
Thread manager
distribute templates
Thread 1 (CPU)
Thread 2 (CPU)
Thread T (GPU)
combine correlation/index maps
MPI reduction + OpenMP
End