Parallel Java: A Library for SMP, cluster, and hybrid parallel programming in 100% Java

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PARALLEL JAVA
A LIBRARY FOR SMP, CLUSTER, AND HYBRID PARALLEL PROGRAMMING IN 100% JAVA

SMP PARALLEL PROGRAMMING WITH PJ
- Modern Commodity SMP systems with low overhead threading support
- Explicitly parallel code with shared memory locks
- All thread scheduling and synchronization
- Quick and easy to use
- Portability without recompilation
- Supports 64-bit systems

CLUSTER PARALLEL PROGRAMMING WITH PJ
- Modern Commodity clusters with widely distributed memory
- Shared libraries with explicit parallelism
- Workload management
- Optional load balancing

HYBRID PARALLEL PROGRAMMING WITH PJ
- Modern Commodity SMP systems with low overhead threading support
- Explicitly parallel code with shared memory locks
- All thread scheduling and synchronization
- Quick and easy to use
- Portability without recompilation
- Supports 64-bit systems

JAVA/PJ PROGRAMS ARE AS FAST AS C/OPENMP
- Modern Commodity SMP systems with low overhead threading support
- Explicitly parallel code with shared memory locks
- All thread scheduling and synchronization
- Quick and easy to use
- Portability without recompilation
- Supports 64-bit systems

FOR FURTHER INFORMATION
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