

Implement Distributed Parallel Computing Based on EJB^{*}

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ABSTRACT

The EJB standard of Sun Company is a typical designing criterion of component. In this paper we build up a distributed parallel computing system based on EJB and implement the parallel algorithms of matrix multiplication with the system. Experimental results show that the system can obtain a rapid speedup with the increase of computing nodes and the sizes of matrixes.

Keywords : EJB, distributed parallel computing, Component