

## A Service-oriented Grid Computing Model Based on Jini

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### ABSTRACT

Jini is a promising piece of Java technology designed to create dynamic distributed object system. This paper describes Jini architecture and introduces its component how to harmoniously work in a service-oriented distributed computing platform. Then, this paper builds a grid computing model by extending Jini, illustrates the basic framework of this model and states its implement mechanism.

**Key words:** Java, Jini, Distributed Computing, Service-oriented, Grid, Grid computing