

# **Jini and the Grid**

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Java has become increasingly popular for developing the middleware infrastructure necessary to support parallel and distributed applications. One such environment is Jini from Sun Microsystems. Jini is a novel Java-based infrastructure that can provide all the services necessary to support distributed applications on a local or wide area basis. In this tutorial, we discuss the current and emerging trends in the use of Java, and in particular, Jini for parallel and distributed computing. We cover the Jini architecture, its middleware services, and its use and interaction with the emerging Grid infrastructure and applications.