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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Java -- Automated Analysis of Java Message Service Providers -- Efficient Object Caching for Distributed Java RMI Applications -- Entity Bean A, B, C's: Enterprise Java Beans Commit Options and Caching -- Mobility -- A WAP-Based Session Layer Supporting Distributed Applications in Nomadic Environments -- Middleware for Reactive Components: An Integrated Use of Context, Roles, and Event Based Coordination -- Experiments in Composing Proxy Audio Services for Mobile Users -- Distributed Abstractions -- Thread Transparency in Information Flow Middleware -- Abstracting Services in a Heterogeneous Environment -- An Efficient Component Model for the Construction of Adaptive Middleware -- Reliability -- Rule-Based Transactional Object Migration over a Reflective Middleware -- The CORBA Activity Service Framework for Supporting Extended Transactions -- Failure Mode Analysis of CORBA Service Implementations -- Home & Office -- ROOM-BRIDGE: Vertically Configurable Network Architecture and Real-Time Middleware for Interoperability between Ubiquitous Consumer Devices in the Home -- Reducing the Energy Usage of Office Applications -- System Software for Audio and Visual Networked Home Appliances on Commodity Operating Systems -- Scalability -- Access Control and Trust in the Use of Widely Distributed Services -- Preserving Causality in a Scalable Message-Oriented Middleware -- Pastry: Scalable, Decentralized Object

Location, and Routing for Large-Scale Peer-to-Peer Systems -- Quality of Service -- Providing QoS Customization in Distributed Object Systems -- 2K Q+: An Integrated Approach of QoS Compilation and Reconfigurable, Component-Based Run-Time Middleware for the Unified QoS Management Framework.

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**Sommario/riassunto**

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This book constitutes the refereed proceedings of the IFIP/ACM International Conference on Distributed Systems Platforms, Middleware 2001, held in Heidelberg, Germany, in November 2001. The 20 revised full papers presented were carefully reviewed and selected from a total of 116 submissions. The papers are organized in topical sections on Java, mobility, distributed abstractions, reliability, home and office, scalability, and quality of service.

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