

1. Record Nr.	UNISA996465932803316
Titolo	Middleware 2001 : IFIP/ACM International Conference on Distributed Systems Platforms, Heidelberg, Germany, November 12-16, 2001 : proceedings // Rachid Guerraoui (editor)
Pubbl/distr/stampa	Berlin ; ; Heidelberg ; ; New York : , : Springer, , [2001] Â©2001
ISBN	3-540-45518-3
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (XIV, 398 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2218
Disciplina	005.713
Soggetti	Middleware
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
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.

---

Sommario/riassunto

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.

---