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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Platforms -- Adaptive Content-Based Routing in General Overlay Topologies -- AlfredO: An Architecture for Flexible Interaction with Electronic Devices -- Exo-Leasing: Escrow Synchronization for Mobile Clients of Commodity Storage Servers -- Subscription Subsumption Evaluation for Content-Based Publish/Subscribe Systems -- Software Engineering -- Diagnosing Distributed Systems with Self-propelled Instrumentation -- Multithreading Strategies for Replicated Objects -- A Component Framework for Java-Based Real-Time Embedded Systems -- DeXteR -- An Extensible Framework for Declarative Parameter Passing in Distributed Object Systems -- Performance Comparison of PHP and JSP as Server-Side Scripting Languages -- Debugging and Testing Middleware with Aspect-Based Control-Flow and Causal Patterns -- System Management -- Enabling Resource Sharing between Transactional and Batch Workloads Using Dynamic Application Placement -- Biologically-Inspired Distributed Middleware Management for Stream Processing Systems -- pMapper: Power and Migration Cost Aware Application Placement in Virtualized Systems -- Burstiness in Multi-tier Applications: Symptoms, Causes, and New Models -- Towards End-to-End Quality of Service: Controlling I/O Interference in Shared Storage Servers -- Components and System Algorithms and Properties -- SODA: An Optimizing Scheduler for Large-Scale Stream-

Based Distributed Computer Systems -- Toward Massive Query Optimization in Large-Scale Distributed Stream Systems -- QoS Allocation Algorithms for Publish-Subscribe Information Space Middleware -- Profiling and Modeling Resource Usage of Virtualized Applications -- Prism: Providing Flexible and Fast Filesystem Cloning Service for Virtual Servers -- Moara: Flexible and Scalable Group-Based Querying System.

Sommario/riassunto

This book constitutes the refereed proceedings of the ACM/IFIP/USENIX 9th International Middleware Conference 2008, held in Leuven, Belgium, in December 2008. The 21 revised full papers presented were carefully reviewed and selected from 117 submissions for inclusion in the book. The papers are organized in topical sections on platforms extended to new capabilities, advanced software engineering focusing on specific system properties, system management techniques, as well as components and system algorithms and properties.
