

1. Record Nr.	UNINA9910484569903321
Titolo	Middleware 2007 : ACM/IFIP/USENIX 8th International Middleware Conference, Newport Beach, CA, USA, November 26-30, 2007, Proceedings // edited by Renato Cerqueira, Roy H. Campbell
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-76778-9
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XIII, 454 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 4834
Classificazione	004 DAT 310f DAT 516f DAT 614f SS 4800 WIR 917f
Disciplina	005.713
Soggetti	Computer networks Software engineering Computer programming Operating systems (Computers) Compilers (Computer programs) Application software Computer Communication Networks Software Engineering Programming Techniques Operating Systems Compilers and Interpreters Computer and Information Systems Applications
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	Component-Based Middleware -- R-OSGi: Distributed Applications Through Software Modularization -- Argos, an Extensible Personal Application Server -- Compadres: A Lightweight Component

Middleware Framework for Composing Distributed Real-Time Embedded Systems with Real-Time Java -- Mobile and Ubiquitous Computing -- SIPHoc: Efficient SIP Middleware for Ad Hoc Networks -- Vector-Field Consistency for Ad-Hoc Gaming -- Correlation-Based Content Adaptation for Mobile Web Browsing -- Grid and Cluster Computing -- New Worker-Centric Scheduling Strategies for Data-Intensive Grid Applications -- Interactive Resource-Intensive Applications Made Easy -- Garbage Collecting the Grid: A Complete DGC for Activities -- Enhancing Communication -- XenSocket: A High-Throughput Interdomain Transport for Virtual Machines -- Creating Private Network Overlays for High Performance Scientific Computing -- A Cost-Effective Distributed File Service with QoS Guarantees -- Resource Management -- R-Capriccio: A Capacity Planning and Anomaly Detection Tool for Enterprise Services with Live Workloads -- AVMEM - Availability-Aware Overlays for Management Operations in Non-cooperative Distributed Systems -- iManage: Policy-Driven Self-management for Enterprise-Scale Systems -- Reliability and Fault Tolerance -- Middleware Support for Adaptive Dependability -- Consistent and Scalable Cache Replication for Multi-tier J2EE Applications -- CLASP: Collaborating, Autonomous Stream Processing Systems -- Asynchronous Communication -- A Policy Management Framework for Content-Based Publish/Subscribe Middleware -- Hybrid Dissemination: Adding Determinism to Probabilistic Multicasting in Large-Scale P2P Systems -- A Utility-Aware Middleware Architecture for Decentralized Group Communication Applications -- Programming Wireless Sensor Networks with the TeenyLime Middleware.

---

#### Sommario/riassunto

This book constitutes the refereed proceedings of the ACM/IFIP/USENIX 8th International Middleware Conference 2007, held in Newport Beach, CA, USA, in November 2007. The 22 revised full papers presented were carefully reviewed and selected from 108 submissions. The papers are organized in topical sections on component-based middleware, mobile and ubiquitous computing, grid and cluster computing, enhancing communication, resource management, reliability and fault tolerance.

---