1.	Record Nr.	UNINA9910483504003321
	Titolo	Middleware 2005 : ACM/IFIP/USENIX 6th International Middleware Conference, Grenoble, France, November 28 - December 2, 2005, Proceedings / / edited by Gustavo Alonso
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XIV, 454 p.)
	Collana	Programming and Software Engineering, , 2945-9168 ; ; 3790
	Altri autori (Persone)	AlonsoGustavo <1965->
	Disciplina	005.7/13
	Soggetti	Computer networks Software engineering Computer programming Compilers (Computer programs) Operating systems (Computers) Application software Computer Communication Networks Software Engineering Programming Techniques Compilers and Interpreters Operating Systems 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	Securing Publish/Subscribe for Multi-domain Systems -- ABACUS: A Distributed Middleware for Privacy Preserving Data Sharing Across Private Data Warehouses -- Causeway: Support for Controlling and Analyzing the Execution of Multi-tier Applications -- MINERVA?: A Scalable Efficient Peer-to-Peer Search Engine -- An Optimal Overlay Topology for Routing Peer-to-Peer Searches -- Combining Flexibility and Scalability in a Peer-to-Peer Publish/Subscribe System -- WReX: A Scalable Middleware Architecture to Enable XML Caching for Web-Services -- Inflatable XML Processing -- INDISS: Interoperable

Discovery System for Networked Services -- Dual-Quorum Replication for Edge Services -- Frugal Event Dissemination in a Mobile Environment -- RTZen: Highly Predictable, Real-Time Java Middleware for Distributed and Embedded Systems -- Composite Subscriptions in Content-Based Publish/Subscribe Systems -- Scrivener: Providing Incentives in Cooperative Content Distribution Systems -- MEDYM: Match-Early with Dynamic Multicast for Content-Based Publish-Subscribe Networks -- Generic Middleware Substrate Through Modelware -- Deep Middleware for the Divergent Grid -- Opportunistic Overlays: Efficient Content Delivery in Mobile Ad Hoc Networks -- I-RMI: Performance Isolation in Information Flow Applications -- Matrix: Adaptive Middleware for Distributed Multiplayer Games -- Overlay Networks – Implementation by Specification -- Adaptive Load Diffusion for Stream Joins -- Network Processing of Documents, for Documents, by Documents -- Fault-Tolerant Middleware and the Magical 1%.

| Sommario/riassunto | Today, middleware is a key part of almost any application. Gone are the days when middleware was only used in the IT industry for high-end applications. Rather than middleware being part of the IT world, today IT applications r- resent only one aspect of middleware. With the increase in distribution, network capacity, and widespread deployment of computing devices (in homes, auto- biles, mobile phones, etc.), middleware has surpassed the importance of oper- ing systemsastheplatformwhereapplicationdevelopmentanddeploymenttake place. This makes middleware very exciting as a research area but also a very challenging one since it encompasses many di'erent concepts and techniques from a wide varietyof ?elds: networking,distributed systems, softwareengine- ing, performance analysis, computer architecture, and data management. Middleware 2005 in Grenoble, France, was the 6th edition of an increasingly successfulconference. Thescopeofthe conferencehasbeenslowlywideningwith every edition to accommodate new ?elds and applications. This year we made a considerable e'ort to reach out to other communities who are also active in the general area of middleware -- sensor networks, networks in general, databases, software engineering-- a fact that is re'ected in the variety of submissions. |