1.	Record Nr.	UNINA9910484053903321
	Titolo	Software engineering and middleware : 4th international workshop, SEM 2004, Linz, Austria, September 20-21, 2004 : revised selected papers / / Thomas Gschwind, Cecilia Mascolo (eds.)
	Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2005
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (X, 245 p.)
	Collana	Lecture notes in computer science, , 0302-9743 ; ; 3437
	Altri autori (Persone)	GschwindThomas MascoloCecilia
	Disciplina	005.1
	Soggetti	Software engineering 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	Keynote -- Dynamic Software Adaptation: Middleware for Pervasive Computing -- Middleware Services -- Here's Your LegoTM Security Kit: How to Give Developers All Protection Mechanisms They Will Ever Need -- Integration of a Text Search Engine with a Java Messaging Service -- A Common Conceptual Basis for Analyzing Transaction Service Configurations -- Alice: Modularization of Middleware Using Aspect-Oriented Programming -- Ubiquitous Computing -- Service Discovery Protocol Interoperability in the Mobile Environment -- Formally Designing an Event-Based Application for Mobile Collaboration: A Case Study -- Supporting Generalized Context Interactions -- A Middleware Centric Approach to Building Self-adapting Systems -- PlanetSim: A New Overlay Network Simulation Framework -- Towards the Development of Ubiquitous Middleware Product Lines -- Performance and QOS -- Extending Standard Java Runtime Systems for Resource Management -- Modeling Distributed Applications for QoS Management -- Accuracy of Performance Prediction for EJB Applications: A Statistical Analysis -- Building Distributed Applications -- A Proposal for Evolution Driven Middleware Architecture for eBusiness Process Execution -- Experience with Lightweight Distributed Component Technologies in Business Intelligence Systems -- Integration of Component-Based Development-Deployment Support for

J2EE Middleware.

| Sommario/riassunto | Middleware provides an integration framework for multiple and potentially - verse computing platforms. It allows developers to engineer distributed appli- tions more easily, providing abstractions and primitives to handle distribution and coordination. Middlewareisconstantlyfacingnewchallenges.Today'sadvancesincomp- ing, including development of pervasive applications, exacerbates the diversity problem, introducing variations not only in terms of performance, but also in terms of environments and device characteristics. Software engineers are the- fore challenged both in the area of the development of new and scalable m- dleware systems, where open, heterogeneous, component-based platforms should provide richer functionality and services, and in the area of application devel- ment, where tools to simplify the use of middleware solutions are necessary. Software Engineering and Middleware is the premier workshop for the - search and practice community of software engineering working in both areas to presentanddiscussnewideasinthis?eld.SEM2004wasthefourthinternational workshop on software engineering and middleware of the EDO/SEM workshop series. Previous workshops of this series were successfully held in 2002, 2000 and 1999. Most of the proceedings have been published by Springer in the Lecture Notes in Computer Science series. |