1. Record Nr.	UNINA9910483307703321
Titolo	Distributed Applications and Interoperable Systems : 6th IFIP WG 6.1 International Conference, DAIS 2006, Athens, Greece, June 14-16, 2006 / / edited by Frank Eliassen, Alberto Montresor
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-35127-2
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XII, 360 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 4025
Altri autori (Persone)	EliassenFrank MontresorAlberto
Disciplina	005.3
Soggetti	Computer systems Software engineering Computer networks Computer programming Compilers (Computer programs) Operating systems (Computers) Computer System Implementation Software Engineering Computer Communication Networks Programming Techniques Compilers and Interpreters Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibligraphical references and index.
Nota di contenuto	Mobile Service Oriented Architectures (MOSOA) -- A Spatial Programming Model for Real Global Smart Space Applications -- Mobile Process Description and Execution -- An Application Framework for Nomadic, Collaborative Applications -- Interfering Effects of Adaptation: Implications on Self-adapting Systems Architecture -- Discovery of Stable Peers in a Self-organising Peer-to-Peer Gradient Topology -- On the Value of Random Opinions in Decentralized

Recommendation -- Information Agents That Learn to Understand Each Other Via Semantic Negotiation -- Discovering Semantic Web Services with Process Specifications -- Towards Building a Semantic Grid for E-Learning -- A Code Migration Framework for AJAX Applications -- High Performance SOAP Processing Driven by Data Mapping Template -- An Approach for Fine-Grained Web Service Performance Monitoring -- WSInterConnect: Dynamic Composition of Web Services Through Web Services -- Bounding Recovery Time in Rollback-Recovery Protocol for Mobile Systems Preserving Session Guarantees -- Intelligent Dependability Services for Overlay Networks -- Model-Driven Development of Context-Aware Services -- Utilising Alternative Application Configurations in Context- and QoS-Aware Mobile Middleware -- Timing Driven Architectural Adaptation -- Fault-Tolerant Replication Based on Fragmented Objects -- Towards Context-Aware Transaction Services -- A Local Self-stabilizing Enumeration Algorithm -- Adding Fault-Tolerance to a Hierarchical DRE System -- Using Speculative Push for Unnecessary Checkpoint Creation Avoidance -- A Versatile Kernel for Distributed AOP -- Transformation of Centralized Software Components into Distributed Ones by Code Refactoring -- PAGE: A Distributed Infrastructure for Fostering RDF-Based Interoperability.

Sommario/riassunto	This volume contains the proceedings of the IFIP WG 6.1 International Working Conference on Distributed Applications and Interoperable Systems VI held in Bologna, Italy, on June 14-16, 2006. The conference program presents the state of the art in research on d- tributed and interoperable systems. In recent years, distributed applications have indeed gained a practical and widely-known footing in everyday computing. Use of new communication technologies have brought up divergent application areas, including mobile computing, inter-enterprise collaborations, and ubiquitous s- vices, just to name a few. New challenges include the need for service-oriented - chitectures, autonomous and self-managing systems, peer-to-peer systems, grid computing, sensor networks, semantic enhancements, and adaptivity and - namism of distribution constellations. Following the evolution of the ?eld, DAIS 2006 focuses on architectures, m- els, technologies and platforms for interoperable, scalable and adaptable systems that are related to the latest trends towards service orientation and self-* pr-erties. The papers presented at DAIS 2006 cover methodological aspects, tools and language of building adaptable distributed and interoperable services, fault tolerance and dependability, peer-to-peer systems, mobility issues, web services applications and performance issues and composition, semantic web and sem- tic integration, and context- and location-aware applications. Also included in these proceedings is an invited paper by Jan Bosch and colleagues (Nokia - search Center, Finland) addressing the apparent con?ict between usability and the architectural drivers that drive success or failure of mobile services.