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Altri autori (Persone)	MeersmanR TariZahir HerreroPilar (Herrero Martin)
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Processes -- Middleware Support for Monitoring: Privacy and Audit in Healthcare Applications -- A Probabilistic Approach to Reduce the Number of Deadline Violations and the Tardiness of Workflows -- A Unified Model for Information Integration -- Service Composition and Deployment for a Smart Items Infrastructure -- Synthesizing RDF Query Answers from Multiple Documents -- Establishing Agile Partnerships in Open Environments: Extended Abstract -- Distributed Adaptation Reasoning for a Mobility and Adaptation Enabling Middleware -- Scheduling of Composite Web Services -- Handling and Resolving Conflicts in Real Time Mobile Collaboration -- A Configurable Event Correlation Architecture for Adaptive J2EE Applications -- Autonomous Deployment and Reconfiguration of Component-Based Applications in Open Distributed Environments -- Dynamic Integration of Peer-to-Peer Services into a CORBA-Compliant Middleware -- Automated Deployment of Enterprise Systems in Large-Scale Environments -- Supporting Reconfigurable Object Distribution for Customizable Web Applications -- Towards the Definition and Validation of Coupling Metrics for Predicting Maintainability in Service-Oriented Designs -- R&D Project Management with ODESeW -- Heavyweight Ontology Engineering -- Semantic Data Integration in a Newspaper Content Management System -- Change Detection in Ontologies Using DAG Comparison -- Filtering Internet News Feeds Using Ad-Hoc Ontologies -- Mediation as Recommendation: An Approach to Design Mediators for Object Catalogs -- Benchmarking Data Schemes of Ontology Based Databases -- Dynamic Load Balancing for Online Games Using Predefined Area Information -- Seamless Integration of Generic Bulk Operations in Grid Applications -- An Efficient Search Scheme Using Self-organizing Hierarchical Ring in Unstructured Peer-to-Peer Systems -- AWeSOMe 2006 PC Co-chairs' Message -- 3-Level Service Composition and Cashew: A Model for Orchestration and Choreography in Semantic Web Services -- Learning from an Active Participation in the Battlefield: A New Web Service Human-Based Approach -- A Collaborative Awareness Specification to Cover Load Balancing Delivery in CSCW Grid Applications -- An Agent System for Automated Web Service Composition and Invocation -- An Auction-Based Semantic Service Discovery Model for E-Commerce Applications -- Implementation of Business Process Requiring User Interaction -- A Petri Net Based Approach for Reliability Prediction of Web Services -- Facilitating Ontology (Re)use by Means of a Categorization Framework -- Agent-Grid Integration Ontology -- COMINF 2006 PC Co-chairs' Message -- Community Informatics and Human Development -- Communications Breakdown: Revisiting the Question of Information and Its Significance for Community Informatics Projects -- More Than Wires, Pipes and Ducts: Some Lessons from Grassroots Networked Communities and Master-Planned Neighbourhoods -- Community-Driven Ontology Evolution Based on Folksonomies -- Knowledge Sharing over Social Networking Systems: Architecture, Usage Patterns and Their Application -- Metadata Mechanisms: From Ontology to Folksonomy ... and Back -- Virtual Individual Networks: A Case Study -- Agent Community Support for Crisis-Response Organizations -- Aggregating Information and Enforcing Awareness Across Communities with the Dynamo RSS Feeds Creation Engine: Preliminary Report -- Incorporating Indigenous World Views in Community Informatics -- Towards a Theory of Online Social Rights -- Requirements Determination in a Community Informatics Project: An ActivityTheory Approach -- Developing Enterprise Sponsored Virtual Communities: The Case of a SME's Knowledge Community -- Understanding Weblog Communities Through Digital Traces: A Framework, a Tool and an

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Sommario/riassunto

This two-volume set LNCS 4277/4278 constitutes the refereed proceedings of 14 international workshops held as part of OTM 2006 in Montpellier, France in October/November 2006. The 191 revised full papers presented were carefully reviewed and selected from a total of 493 submissions to the workshops. The first volume begins with 26 additional revised short or poster papers of the OTM 2006 main conferences.
