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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Architectures -- Flexible Distributed Process Topologies for Enterprise Applications -- An Architecture for the UniFrame Resource Discovery Service -- An Architecture of a Quality of Service Resource Manager Middleware for Flexible Embedded Multimedia Systems -- Specification -- An Event/Rule Framework for Specifying the Behavior of Distributed Systems -- Modelling and Specification of Interfaces for Standard-Driven Distributed Software Architectures in the E-learning Domain -- Components and Adaptation -- Component-Based Architecture for Collaborative Applications in Internet -- Composing Distributed Components with the Component Workbench -- FORMAware: Framework of Reflective Components for Managing Architecture Adaptation -- Type Based Adaptation: An Adaptation Approach for Dynamic Distributed Systems -- Technologies -- On the Use of Enterprise Java Beans 2.0 Local Interfaces -- Dynamic Instrumentation for Jini Applications -- Services -- Message Queuing Patterns for Middleware-Mediated Transactions -- Towards Dynamic Reconfiguration of Distributed Publish-Subscribe Middleware -- Active Replication of Software Components -- Building Test Constraints for

Testing Middleware-Based Distributed Systems -- Invited Talk --
Revolutionizing Software Development.

Sommario/riassunto

The 3rd International Workshop on Software Engineering and Middleware (SEM 2002) was held May 20-21, 2002, in Orlando, Florida, as a co-located event of the 2002 International Conference on Software Engineering. The workshop attracted 30 participants from academic and industrial institutions in many countries. Twenty-seven papers were submitted, of which 15 were accepted to create a broad program covering the topics of architectures, specification, components and adaptations, technologies, and services. The focus of the workshop was on short presentations, with substantial discussions afterwards. Thus, we decided to include in this proceedings also a short summary of every technical session, which was written by some of the participants at the workshop. The workshop invited one keynote speaker, Bobby Jadhav of CalKey, who presented a talk on the design and use of model-driven architecture and middleware in industry. We would like to thank all the people who helped organize and run the workshop. In particular, we would like to thank the program committee for their careful reviews of the submitted papers, Wolfgang Emmerich for being an excellent General Chair, and the participants for a lively and interesting workshop.
