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Nota di contenuto	Service Orientation -- iSOAMM: An Independent SOA Maturity Model -- Describing Component Collaboration Using Goal Sequences -- Adaptive and Fault-Tolerant Service Composition in Peer-to-Peer Systems -- QoS Management and Composition -- Decentralised QoS-Management in Service Oriented Architectures -- QoS-Based Service Provision Schemes and Plan Durability in Service Composition -- Dependability and Reliability -- Towards Middleware for Fault-Tolerance in Distributed Real-Time and Embedded Systems -- Using Object Replication for Building a Dependable Version Control System --

Recovery Mechanisms for Semantic Web Services -- A Multi-stage Approach for Reliable Dynamic Reconfigurations of Component-Based Systems -- Peer-to-Peer Overlays -- Virtual Overlays: An Approach to the Management of Competing or Collaborating Overlay Structures -- Tree-Based Analysis of Mesh Overlays for Peer-to-Peer Streaming -- Managing Peer-to-Peer Live Streaming Applications -- Adaptation -- Dynamic Adaptability for Smart Environments -- Brokering Planning Metadata in a P2P Environment -- Adaptive Web Service Migration -- Model-Driven Development -- A Model-Driven Approach for Developing Adaptive Software Systems -- Model-Based Performance Instrumentation of Distributed Applications -- Implementing a Data Distribution Variant with a Metamodel, Some Models and a Transformation -- Components, Protocols and Interactions -- Facilitating Gossip Programming with the GossipKit Framework -- Cost-Efficient Deployment of Collaborating Components -- STUNT Enhanced Java RMI -- Facilitating Complex Web Service Interactions through a Tuplespace Binding -- Perasive Computing -- A Comprehensive Context Modeling Framework for Pervasive Computing Systems -- Rapid Prototyping of Routing Protocols with Evolving Tuples.

Sommario/riassunto

This volume contains the proceedings of DAIS 2008, the 8th IFIP International Conference on Distributed Applications and Interoperable Systems. The conf- ence was held in Oslo, Norway during June 4–6, 2008 as part of the DisCoTec (Distributed Object Techniques) federated conference, in conjunction with the 10th International Conference on Coordination Models and Languages (COOR- DINATION) and the 10th IFIP International Conference on Formal Methods for Open Object-Based Distributed Systems (FMOODS). The conference was sponsored by IFIP (International Federation for Information Processing) and was organized by the IFIP Working Group 6.1. Distributed applications and interoperable systems have become an integral part of everyday living and hence part of the socio-economic ecosystem of our humanenvironment.
Withsuchpervasivedistributionofsoftwaresystemsacross a multitude of heterogeneous environments and user domains, distributed app- cations must support seamless provision of services, as well as service evolution and adaptability to ensure long-term sustainability. This support must go - yond the provision of individual services in isolation, towards systems in which such services can interoperate and be integrated into the everyday environment catering for the changing needs of their users.