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| Nota di contenuto | Performance Engineering -- Automating Performance Analysis from Taverna Workflows -- An Empirical Investigation of the Effort of Creating Reusable, Component-Based Models for Performance Prediction -- Deploying Software Components for Performance -- Performance Prediction for Black-Box Components Using Reengineered Parametric Behaviour Models -- Extra-Functional Properties: Security and Energy -- Validating Access Control Configurations in J2EE Applications -- Classification of Component Vulnerabilities in Java Service Oriented Programming (SOP) Platforms -- Component-Level Energy Consumption Estimation for Distributed Java-Based Software Systems -- Formal Methods and Model Checking -- Synthesis of Connectors from Scenario-Based Interaction Specifications -- State Space Reduction Techniques for Component Interfaces -- Model Checking of Control-User Component-Based Parametrised Systems -- Verification Techniques -- Automatic Protocol Conformance Checking of Recursive and Parallel Component-Based Systems -- Structural Testing of Component-Based Systems -- Towards Component-Based Design and Verification of a ?-Controller -- Run-Time Infrastructures -- ESCAPE: A Component-Based Policy Framework for Sense and React Applications -- Experiences from Developing a Component Technology |

Agnostic Adaptation Framework -- A Practical Approach for Finding
Stale References in a Dynamic Service Platform -- Methods of Design
and Development -- Towards a Systematic Method for Identifying
Business Components -- Life-Cycle Aware Modelling of Software
Components -- A Component Selection Framework for COTS Libraries
-- Opportunistic Reuse: Lessons from Scrapheap Software Development
-- Component Models -- A Component Model for Control-Intensive
Distributed Embedded Systems -- The CoSi Component Model:
Reviving the Black-Box Nature of Components -- Ada-CCM:
Component-Based Technology for Distributed Real-Time Systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 11th
International ACM SIGSOFT Symposium on Component-Based Software
Engineering, CBSE 2008, held in Karlsruhe, Germany in October 2008.
The 20 revised full papers and 3 short papers presented were carefully
reviewed and selected from 70 submissions. The papers feature new
trends in global software services and distributed systems architectures
to push the limits of established and tested component-based
methods, tools and platforms. The papers are organized in topical
sections on performance engineering; extra-functional properties:
security and energy; formal methods and model checking; verification
techniques; run-time infrastructures; methods of design and
development; component models.
