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Titolo	Software Architectures, Components, and Applications : Third International Conference on Quality of Software Architectures, QoSA 2007, Medford, MA, USA, July 11-13, 2007, Revised Selected Papers // edited by Sven Overhage, Clemens A. Szyperski, Ralf H. Reussner, Judith A. Stafford
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Descrizione fisica	1 online resource (X, 254 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 4880
Disciplina	005.10685
Soggetti	Software engineering Electronic digital computers - Evaluation Computer science Computer networks Computers and civilization Software Engineering System Performance and Evaluation Computer Science Logic and Foundations of Programming Computer Communication Networks Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote -- Resource Architecture and Continuous Performance Engineering -- Long Papers -- Reusable Architectural Decision Models for Enterprise Application Development -- Using Planning Techniques to Assist Quality-Driven Architectural Design Exploration -- Tracing Architectural Decisions -- Customizing Traceability Links for the Unified Process -- Architecture Recovery and Evaluation Aiming at Program Understanding and Reuse -- Architecture Evaluation -- Factors Influencing Industrial Practices of Software Architecture Evaluation: An Empirical Investigation -- A Bayesian Model for Predicting Reliability of Software Systems at the Architectural Level --

Performance Prediction of Web Service Workflows -- Predicting the Performance of Component-Based Software Architectures with Different Usage Profiles -- Architecture Evolution -- Pre-emptive Adaptation Through Classical Control Theory -- Extending the Capabilities of Component Models for Embedded Systems -- Architecting Process and Architectural Knowledge -- Architectural Knowledge: Getting to the Core -- The Influence of CMMI on Establishing an Architecting Process -- The Architect's Mindset.

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Sommario/riassunto

Researchers and professionals will find in this text the thoroughly refereed post-proceedings of the Third International Conference on the Quality of Software Architectures, QoSA 2007, held in Medford, MA, USA, in 2007. It was mounted in conjunction with the 10th International ACM SIGSOFT Symposium on Component-Based Software Engineering, CBSE 2007. The 13 revised full papers presented together with one keynote lecture were carefully reviewed and selected from 42 submissions.

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