

1. Record Nr.	UNINA9910484795603321
Titolo	Software Architecture : 8th European Conference, ECSA 2014, Vienna, Austria, August 25-29, 2014, Proceedings / / edited by Paris Avgeriou, Uwe Zdun
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-09970-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIV, 408 p. 108 illus.)
Collana	Programming and Software Engineering ; ; 8627
Disciplina	005
Soggetti	Software engineering Computer logic Computer communication systems Management information systems Computer science Application software Programming languages (Electronic computers) Software Engineering Logics and Meanings of Programs Computer Communication Networks Management of Computing and Information Systems Information Systems Applications (incl. Internet) Programming Languages, Compilers, Interpreters
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Architecture Decisions and Knowledge -- A Fresh Look at Codification Approaches for SAKM: A Systematic Literature Review -- Suitability of Software Architecture Decision Making Methods for Group Decisions -- Modeling the Interactions between Decisions within Software Architecture Knowledge -- Semi-automated Design Guidance Enhancer (SADGE): A Framework for Architectural Guidance Development -- Combining Architectural Design Decisions and Legacy System Evolution -- Architecture Patterns and Anti-Patterns -- Specification and

Detection of SOA Antipatterns in Web Services -- Co-evolving Pattern
 Synthesis and Class Responsibility Assignment in Architectural
 Synthesis -- Ontology-Driven Pattern Selection and Matching in
 Software Design -- Reference Architectures and Metamodels --
 Towards an Improved Stakeholder Management for Software Reference
 Architectures -- RA-Ubi: A Reference Architecture for Ubiquitous
 Computing -- Towards a Coordination-Centric Architecture Metamodel
 for Social Web Applications -- Architecture Description Languages --
 Using Policies for Handling Complexity of Event-Driven Architectures
 -- Architecture-Based Code Generation: From --ADL Architecture
 Descriptions to Implementations in the Go Language -- Generating
 EAST-ADL Event Chains from Scenario-Based Requirements
 Specifications -- Enterprise Architecture, SOA and Cloud Computing --
 Architecture Strategies for Cyber-Foraging: Preliminary Results from a
 Systematic Literature Review -- Adapting Enterprise Architecture at a
 Software Development Company and the Resultant Benefits -- Service
 Development and Architecture Management for an Enterprise SOA --
 Multi-tenant Architecture Comparison -- Integrating Service Matchers
 into a Service Market Architecture -- Towards a Process to Design
 Architectures of Service-Oriented Robotic Systems -- Scalable
 Architectures for Platform-as-a-Service Clouds: Performance and Cost
 Analysis -- Components and Connectors -- Enactment of Components
 Extracted from an Object-Oriented Application -- Gossiping
 Components for Cyber-Physical Systems -- A Property Description
 Framework for Composable Software -- Layered Connectors: Revisiting
 the Formal Basis of Architectural Connection for Complex Distributed
 Systems -- Effort Estimation for Architectural Refactoring to Introduce
 Module Isolation -- Quality Attributes -- Interoperability-Related
 Architectural Problems and Solutions in Information Systems: A Scoping
 Study -- fUML-Driven Design and Performance Analysis of Software
 Agents for Wireless Sensor Network -- Runtime Enforcement of
 Dynamic Security Policies -- Architectural Support for Model-Driven
 Performance Prediction of Distributed Real-Time Embedded Systems of
 Systems -- Safety Perspective for Supporting Architectural Design of
 Safety-Critical Systems -- Architecture Analysis and Verification --
 How Do Software Architects Specify and Validate Quality Requirements
 -- Recommending Refactorings to Re-establish Architectural
 Consistency -- A Consistency Framework for Dynamic Reconfiguration
 in AO-Middleware Architectures.

Sommario/riassunto

This book constitutes the proceedings of the 8th European Conference
 on Software Architecture, ECSA 2014, held in Vienna, Austria, in August
 2014. The 16 full papers and 18 short papers presented in this volume
 were carefully reviewed and selected from 91 submissions. They are
 organized in topical sections named: architecture decisions and
 knowledge; architecture patterns and anti-patterns; reference
 architectures and metamodels; architecture description languages;
 enterprise architecture, SOA and cloud computing; components and
 connectors; quality attributes; and architecture analysis and
 verification.