

1. Record Nr.	UNINA9910768176703321
Titolo	Rule Representation, Interchange and Reasoning on the Web : International Symposium, RuleML 2008, Orlando, FL, USA, October 30-31, 2008. Proceedings // edited by Nick Bassiliades, Guido Governatori, Adrian Paschke
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-88808-X
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XIII, 243 p.)
Collana	Programming and Software Engineering ; ; 5321
Disciplina	005.72
Soggetti	Computers Computer communication systems Software engineering Data mining Information Systems and Communication Service Computer Communication Networks Software Engineering/Programming and Operating Systems Data Mining and Knowledge Discovery Models and Principles Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Talks (Abstracts) -- Rule Interchange Format: The Framework -- The Power of Events: An Introduction to Complex Event Processing in Distributed Enterprise Systems -- Event and Process Semantics Will Rule -- Rule Engineering -- Development and Verification of Rule Based Systems — A Survey of Developers -- Connecting Legacy Code, Business Rules and Documentation -- Verifying Resource Requirements for Distributed Rule-Based Systems -- Meta-analysis for Validation and Strategic Planning -- Rule-Based Methodologies and Applications in Policies, Electronic Contracts and Security -- Abductive Workflow Mining Using Binary Resolution on Task Successor Rules -- A Rule-Based Framework Using Role Patterns for Business Process Compliance

-- Detection of Suspicious Activity Using Different Rule Engines —
Comparison of BaseVISor, Jena and Jess Rule Engines -- A Rule-Based
Notation to Specify Executable Electronic Contracts -- Rule
Representation Languages and Reasoning Engines -- On Extending
RuleML for Modal Defeasible Logic -- Adding Uncertainty to a Rete-OO
Inference Engine -- Programming with Fuzzy Logic Rules by Using the
FLOPER Tool -- Ruling Networks with RDL: A Domain-Specific
Language to Task Wireless Sensor Networks -- Rule-Based
Methodologies and Applications in Distributed and Heterogeneous
Environments -- Local and Distributed Defeasible Reasoning in Multi-
Context Systems -- Personal Agents in the Rule Responder Architecture
-- Semi-automatic Composition of Geospatial Web Services Using JBoss
Rules -- A RuleML Study on Integrating Geographical and Health
Information -- Natural-Language and Graphical Rule Representation
and Processing -- SBVR Use Cases -- Visualization of Proofs in
Defeasible Logic -- Building an Autopoietic Knowledge Structure for
Natural Language Conversational Agents -- A Functional Spreadsheet
Framework for Authoring Logic Implication Rules -- RuleML-2008
Challenge -- Please Pass the Rules: A Rule Interchange Demonstration
-- Self-sustained Routing for Event Diffusion in Wireless Sensor
Networks.

Sommario/riassunto

This book constitutes the refereed proceedings of the International RuleML Symposium on Rule Interchange and Applications, RuleML 2008, held in Orlando, FL, USA, in October 2008 - collocated with the 11th International Business Rules Forum. The 10 revised full papers and 10 revised short papers presented together with 2 demo papers and the abstracts of 3 keynote lectures were carefully reviewed and selected from 35 submissions. The papers are organized in topical sections on rule engineering, rule-based methodologies and applications in policies, electronic contracts and security, rule representation languages and reasoning engines, rule-based methodologies and applications in distributed and heterogeneous environments, natural-language and graphical rule representation and processing, as well as exemplary contributions to the RuleML-2008 challenge.
