

Table of Contents

Object-Oriented RuleML: User-Level Roles, URI-Grounded Clauses, and Order-Sorted Terms	1
<i>Harold Boley</i>	
An Entailment Relation for Reasoning on the Web	17
<i>François Bry and Sebastian Schaffert</i>	
A Rule-Based XML Access Control Model	35
<i>Chutiporn Anutariya, Somchai Chatvichienchai, Mizuho Iwihara, Vilas Wuwongse, and Yahiko Kambayashi</i>	
Inference of Reactive Rules from Dependency Models	49
<i>Asaf Adi, Opher Etzion, Dagan Gilat, and Guy Sharon</i>	
Value-Added Metatagging: Ontology and Rule Based Methods for Smarter Metadata	65
<i>Marek Hatala and Griff Richards</i>	
Constructing RuleML-Based Domain Theories on Top of OWL Ontologies	81
<i>Christopher J. Matheus, Mitch M. Kokar, Kenneth Baclawski, and Jerzy Letkowski</i>	
Inheritance and Rules in Object-Oriented Semantic Web Languages	95
<i>Guizhen Yang and Michael Kifer</i>	
Rules and Defeasible Reasoning on the Semantic Web	111
<i>Grigoris Antoniou and Gerd Wagner</i>	
Inference Queues for Communicating and Monitoring Declarative Information between Web Services	121
<i>Bruce Spencer and Sandy Liu</i>	
Combining an Inference Engine with Databases: A Rule Server	136
<i>Tanel Tammet and Vello Kadarpiik</i>	
Extraction of Structured Rules from Web Pages and Maintenance of Mutual Consistency: XRML Approach	150
<i>Juyoung Kang and Jae Kyu Lee</i>	
RuleML Annotation for Automatic Collection Levels on METS Metadata	164
<i>Chieko Nakabasami</i>	
Author Index	173



<http://www.springer.com/978-3-540-20361-2>

Rules and Rule Markup Languages for the Semantic
Web

Second International Workshop, RuleML 2003, Sanibel
Island, FL, USA, October 20, 2003, Proceedings

Schroeder, M.; Wagner, G. (Eds.)

2003, VIII, 180 p., Softcover

ISBN: 978-3-540-20361-2