

Table of Contents

Component-Based Design of Embedded Software: An Analysis of Design Issues	1
<i>Christo Angelov, Krzysztof Sierszecki, and Nicolae Marian</i>	
How Design Patterns Affect Application Performance – A Case of a Multi-tier J2EE Application	12
<i>Jakub Rudzki</i>	
An MDA-Based Approach for Inferring Concurrency in Distributed Systems	24
<i>Raul Silaghi and Alfred Strohmeier</i>	
Task-Based Access Control for Virtual Organizations	38
<i>Panos Periorellis and Savas Parastatidis</i>	
Self-deployment of Distributed Applications	48
<i>Ichiro Satoh</i>	
Modeling and Analysis of Exception Handling by Using UML Statecharts	58
<i>Gergely Pintér and István Majzik</i>	
Coordinated Anonymous Peer-to-Peer Connections with MoCha	68
<i>Juan Guillen-Scholten and Farhad Arbab</i>	
A Survey of Software Development Approaches Addressing Dependability	78
<i>Sadaf Mustafiz and Jörg Kienzle</i>	
FreeSoDA: A Web Services-Based Tool to Support Documentation in Distributed Projects	91
<i>Frank Padberg</i>	
A JMM-Faithful Non-interference Calculus for Java	101
<i>Vladimir Klebanov</i>	
A Java Package for Transparent Code Mobility	112
<i>Lorenzo Bettini</i>	
Keynote Talks	
Dependability-Explicit Computing: Applications in e-Science and Virtual Organisations	123
<i>John Fitzgerald</i>	

Towards a Precise UML-Based Development Method 124
Gianna Reggio

Tutorials

Fault Tolerance – Concepts and Implementation Issues 125
Jörg Kienzle

Author Index 127