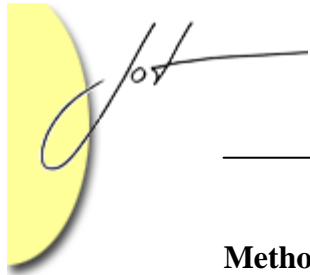


Contents

	Page
Editorial	3
<hr/> ARTICLES <hr/>	
Design by Contract	
Enhancing Design by Contract with Knowledge about Equivalence Partitions <i>By Per Madsen</i>	5
Design by Contract: analysis of hidden dependencies in component based application <i>By D. Enselme, G. Florin, F. Legond-Aubry</i>	23
Component-based development	
Componentware for Critical Systems <i>By Jan Jürjens</i>	47
A Component-Based Software Engineering Environment <i>By Daniel Lucrédio, Calebe de Paula Bianchini, Antonio Francisco do Prado, Luis Carlos Trevelin, Eduardo Santana de Almeida</i>	51
Eiffel Development	
How to get a Singleton in Eiffel <i>By Karine Arnout and Eric Bezault</i>	75
Concurrent Object-Oriented Programming: The MP-Eiffel Approach <i>By Miguel Oliveira e Silva</i>	97
Conformance of agents in the Eiffel language <i>By Philippe Ribet, Cyril Adrian, Olivier Zendra, and Dominique Colnet</i>	125



	page
Methodology	
A Proposal of a New Class Cohesion Criterion: An Empirical Study <i>By Linda Badri and Mourad Badri</i>	145
A Container-Based Approach to Object-Oriented Product Liens <i>By Jason O. Hallstrom, Nigamanth Sridhar, Paolo A.G. Sivilotti, Anish Arora, and William M. Leal:</i>	161
Class-based Visibility from an MDA Perspective: From Access Graphs to Eiffel Code <i>By Gilles Ardourel and Marianne Huchard</i>	177
Applying Analysis Patterns Through Analogy: Problems and Solutions <i>By Haitham Hamza, Mohamed E.Fayad</i>	197
WebGD: A Framework for Web-Based GIS/Database Applications <i>By Paphun Wangmutitakul</i>	209
Improving Rule Set Based Software Quality Prediction: A Genetic Algorithm-based Approach <i>By Salah Bouktif</i>	227

OUTLOOK

A brief outlook to the next issue	243
--	-----