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Collana	Programming and Software Engineering ; ; 3819
Disciplina	005.13
Soggetti	Programming languages (Electronic computers) Computer programming Computer logic Software engineering Programming Languages, Compilers, Interpreters Programming Techniques Logics and Meanings of Programs Software Engineering
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Using CHRs to Generate Functional Test Cases for the Java Card Virtual Machine -- Generic Cut Actions for External Prolog Predicates -- Controlling Search Space Materialization in a Practical Declarative Debugger -- Automatic Verification of a Model Checker by Reflection -- Probabilistic-Logical Modeling of Music -- Using Dominators for Solving Constrained Path Problems -- JQuery: A Generic Code Browser with a Declarative Configuration Language -- A Hybrid BDD and SAT Finite Domain Constraint Solver -- Adding Constraint Solving to Mercury -- Modeling Genome Evolution with a DSEL for Probabilistic Programming -- Tabling in Mercury: Design and Implementation -- Translating Description Logic Queries to Prolog -- Efficient Top-Down Set-Sharing Analysis Using Cliques -- Querying Complex Graphs -- Incremental Evaluation of Tabled Prolog: Beyond Pure Logic Programs.
Sommario/riassunto	This volume contains the papers presented at the Eighth International

Symposium on Practical Aspects of Declarative Languages (PADL 2006) held on January 9-10, 2006, in Charleston, South Carolina. Information about the conference can be found at <http://www.cs.brown.edu/people/pvh/PADL06.html>. As is now traditional, PADL 2006 was co-located with the 33rd Annual Symposium on Principles of Programming Languages that was held on January 11-13, 2006. The PADL conference series is a forum for researchers and practitioners to present original work emphasizing novel applications and implementation techniques for all forms of declarative concepts. Topics of interest include, but are not limited to: – Innovative applications of declarative languages; – Declarative domain-specific languages and applications; – Practical applications of theoretical results; – New language developments and their impact on applications; – Evaluation of implementation techniques on practical applications; – Novel implementation techniques relevant to applications; – Novel uses of declarative languages in the classroom; – Practical experiences. This year, there were 36 submissions. Each submission was reviewed by at least three Programme Committee members. The committee decided to accept 15 papers. In addition, the programme also included three invited talks by Erik Meijer, David Roundy, and Philip Walder.
