

1. Record Nr.	UNISA996465885103316
Titolo	Software Language Engineering [[electronic resource]] : First International Conference, SLE 2008 Toulouse, France, September 29-30, 2008, Revised Selected Papers // edited by Dragan Gašević, Ralf Lämmel, Eric van Wyk
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-00434-2
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 343 p.)
Collana	Programming and Software Engineering ; ; 5452
Disciplina	005.1
Soggetti	Software engineering Programming languages (Electronic computers) Computer simulation Management information systems Computer science Software Engineering/Programming and Operating Systems Software Engineering Programming Languages, Compilers, Interpreters Simulation and Modeling Management of Computing and Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Keynotes -- The Field of Software Language Engineering -- Model-Driven Engineering Meets Generic Language Technology -- Regular Papers -- Evaluating the Visual Syntax of UML: An Analysis of the Cognitive Effectiveness of the UML Family of Diagrams -- Neon: A Library for Language Usage Analysis -- Analyzing Rule-Based Behavioral Semantics of Visual Modeling Languages with Maude -- Parse Table Composition -- Practical Scope Recovery Using Bridge Parsing -- Generating Rewritable Abstract Syntax Trees -- Systematic Usage of Embedded Modelling Languages in Automated Model Transformation Chains -- Engineering a DSL for Software Traceability -- Towards an Incremental Update Approach for Concrete Textual

Syntaxes for UUID-Based Model Repositories -- A Model Engineering Approach to Tool Interoperability -- Engineering Languages for Specifying Product-Derivation Processes in Software Product Lines -- Transformation Language Integration Based on Profiles and Higher Order Transformations -- Formalization and Rule-Based Transformation of EMF Ecore-Based Models -- A Practical Evaluation of Using TXL for Model Transformation -- DeFacto: Language-Parametric Fact Extraction from Source Code -- A Case Study in Grammar Engineering -- Sudoku – A Language Description Case Study -- The Java Programmer's Phrase Book.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the First International Conference on Software Language Engineering, SLE 2008, held in Toulouse, France, in September 2008. The 16 revised full papers and 1 revised short paper presented together with 1 tool demonstration paper and 2 keynote lectures were carefully reviewed and selected from 106 initial submissions. The papers are organized in topical sections on language and tool analysis and evaluation, concrete and abstract syntax, language engineering techniques, language integration and transformation, language implementation and analysis, as well as language engineering pearls.
