

1. Record Nr.	UNINA9910483063503321
Titolo	Software Language Engineering : 7th International Conference, SLE 2014, Västerås, Sweden, September 15-16, 2014. Proceedings // edited by Benoit Combemale, David Pearce, Olivier Barais, Jurgen Vinju
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-11245-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIV, 354 p. 123 illus.)
Collana	Programming and Software Engineering ; ; 8706
Disciplina	005.1
Soggetti	Programming languages (Electronic computers) Software engineering Mathematical logic Artificial intelligence Computer simulation Management information systems Computer science Programming Languages, Compilers, Interpreters Software Engineering Mathematical Logic and Formal Languages Artificial Intelligence 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	ProMoBox: A Framework for Generating Domain-Specific Property Languages -- A SAT-Based Debugging Tool for State Machines and Sequence Diagrams -- Towards User-Friendly Projectional -- Bounded Seas: Island Parsing Without Shipwrecks -- Eco: A Language Composition -- The Moldable Debugger: A Framework for Developing Domain-Specific Debuggers -- Evaluating the Usability of a Visual Feature Modeling Notation -- A Metamodel Family for Role-Based Modeling and Programming Languages -- AIOCJ: A Choreographic

Framework for Safe Adaptive Distributed Applications -- fUML as an Assembly Language for Model Transformation -- Respect Your Parents: How Attribution and Rewriting Can Get Along -- Monto: A Disintegrated Development Environment -- Model Checking of CTL-Extended OCL Specifications -- Unifying and Generalizing Relations in Role-Based Data Modeling and Navigation -- Simple, Efficient, Sound and Complete Combinator Parsing for All Context-Free Grammars, Using an Oracle -- Origin Tracking in Attribute Grammars -- Dynamic Scope Discovery for Model Transformations -- Streamlining Control Flow Graph Construction with DCFlow -- Test-Data Generation for Xtext (Tool Paper).

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference on Software Language Engineering, SLE 2014, held in Västerås, Sweden, in September 2014. The 19 revised full papers presented together with 1 invited paper were carefully reviewed and selected from 61 initial submissions. The papers observe software languages from different and yet complementary perspectives: programming languages, model driven engineering, domain specific languages, semantic web, and from different technological spaces: context-free grammars, object-oriented modeling frameworks, rich data, structured data, object-oriented programming, functional programming, logic programming, term-rewriting, attribute grammars, algebraic specification, etc.
