

1. Record Nr.	UNINA9910483040703321
Titolo	Software Composition : 8th International Conference, SC 2009, Zurich, Switzerland, July 2-3, 2009, Proceedings / / edited by Alexandre Bergel, Johan Fabry
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02655-9
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (IX, 177 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 5634
Altri autori (Persone)	BergelAlexandre FabryJohan
Disciplina	005.1
Soggetti	Software engineering Computer programming Compilers (Computer programs) Computer science Computer networks Software Engineering Programming Techniques Compilers and Interpreters Computer Science Logic and Foundations of Programming Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Language Design for Meta-programming in the Software Composition Domain -- Putting Traits in Perspective -- Feature (De)composition in Functional Programming -- I-Java: An Extension of Java with Incomplete Objects and Object Composition -- Language-Independent Quantification and Weaving for Feature Composition -- Lazy Composition of Representations in Java -- Specifying and Composing Non-functional Requirements in Model-Based Development -- Round-Trip Support for Invasive Software Composition Systems -- Implicit First Class Genericity -- A Framework for Testing Model Composition Engines -- Composing RESTful Services with JOpera -- Writing Composable Software with InterpreterLib.

This book constitutes the refereed proceedings of the 8th International Symposium on Software Composition, SC 2009, held in Zurich, Switzerland, in July 2009. The workshop has been organized as an event co-located with the TOOLS Europe 2009 conference. The 10 revised full papers presented together with 2 invited lectures were carefully reviewed and selected from 34 submissions. The papers reflect current research in software composition to foster developing of composition models and techniques by using aspect- and service-oriented programming, specification of component contracts and protocols, methods of correct components composition, as well as verification, validation and testing techniques - even in pervasive computing environments and for the Web.
