

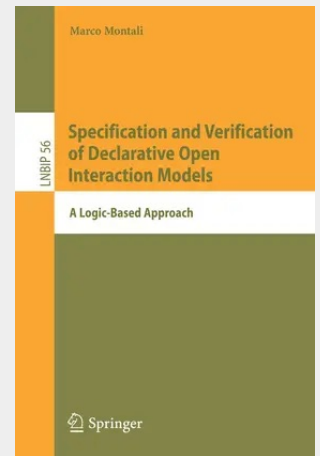
Montali

Specification and Verification of Declarative Open Interaction Models

A Logic-Based Approach

Many novel application scenarios and architectures in business process management or service composition are characterized by a distribution of activities and resources, and by complex interaction and coordination dynamics. In this book, Montali answers fundamental questions on open and declarative modeling abstractions via the integration and extension of quite diverse approaches into a computational logic-based comprehensive framework. This framework allows non IT experts to graphically specify interaction models that are then automatically transformed into a corresponding formal representation and a set of fully automated sound and complete verification facilities. The book constitutes a revised and extended version of the author's PhD thesis, which was honored with the 2009 "Marco Cadoli" prize, awarded by the Italian Association for Logic Programming for the most outstanding thesis focusing on computational logic, discussed between the years 2007 and 2009.

Many novel application scenarios and architectures in business process management or service composition are characterized by a distribution of activities and resources, and by complex interaction and coordination dynamics. In this book, Montali answers fundamental questions on open and declarative modeling abstractions via the integration and extension of quite diverse approaches into a computational logic-based comprehensive framework. This framework allows non IT experts to graphically specify interaction models that are then automatically transformed into a corresponding formal representation and a set of fully automated sound and complete verification facilities. The book constitutes a revised and extended version of the author's PhD thesis, which was honored with the 2009 "Marco Cadoli" prize, awarded by the Italian Association for Logic Programming for the most outstanding thesis focusing on computational logic, discussed between the years 2007 and 2009.



53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783642145377

Medium: Buch

ISBN: 978-3-642-14537-7

Verlag: Springer

Erscheinungstermin: 30.07.2010

Sprache(n): Englisch

Auflage: 1. Auflage 2010

Serie: Lecture Notes in Business
Information Processing

Produktform: Kartoniert

Gewicht: 656 g

Seiten: 411

