1. Record Nr. UNINA9910484762903321 Model driven engineering languages and systems: 10th international **Titolo** conference, MODELS 2007, Nashville, USA, September 30-October 5, 2007, proceedings / / edited by Gregor Engels [and three others] Berlin, Germany;; New York, New York:,: Springer-Verlag,, [2007] Pubbl/distr/stampa ©2007 **ISBN** 3-540-75209-9 Edizione [1st ed. 2007.] Descrizione fisica 1 online resource (XV, 698 p.) Collana Programming and Software Engineering;; 4735 Disciplina 005.1 Soggetti Model-driven software architecture UML (Computer science) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Includes bibliographical references and index. Nota di bibliografia Model Transformation -- Bidirectional Model Transformations in QVT: Nota di contenuto Semantic Issues and Open Questions -- Reconciling TGGs with QVT --UniTI: A Unified Transformation Infrastructure -- Modeling Constraints -- Guided Development with Multiple Domain-Specific Languages --Model-Driven, Network-Context Sensitive Intrusion Detection -- An Empirical Study of the Impact of OCL Smells and Refactorings on the

Semantic Issues and Open Questions -- Reconciling TGGs with QVT -- UniTI: A Unified Transformation Infrastructure -- Modeling Constraints -- Guided Development with Multiple Domain-Specific Languages -- Model-Driven, Network-Context Sensitive Intrusion Detection -- An Empirical Study of the Impact of OCL Smells and Refactorings on the Understandability of OCL Specifications -- Meta-Modeling -- On Metamodeling in Megamodels -- Magritte -- A Meta-driven Approach to Empower Developers and End Users -- Matching Model-Snippets -- Consistent Models -- Improving Inconsistency Resolution with Side-Effect Evaluation and Costs -- Model Composition in Product Lines and Feature Interaction Detection Using Critical Pair Analysis -- Automated Semantic Analysis of Design Models -- Modeling Support -- Piecewise Modelling with State Subtypes -- Deriving Operation Contracts from UML Class Diagrams -- Finding the Pattern You Need: The Design Pattern Intent Ontology -- User Interface Design -- Model-Driven Approach for Managing Human Interface Design Life Cycle -- Integrating Heterogeneous Tools into Model-Centric Development of Interactive Applications -- A Business-Process-Driven Approach for Generating E-Commerce User Interfaces -- Language Definition -- Enhancing UML Extensions with Operational Semantics. -- Integrated

Definition of Abstract and Concrete Syntax for Textual Languages --Architectural Aspects in UML -- Modeling Methods -- Domain Specific Modeling Methodology for Reconfigurable Networked Systems -- A Modelling Method for Rigorous and Automated Design of Large-Scale Industrial Systems -- Relating Navigation and Request Routing Models in Web Applications -- Service and Process Modeling -- A UML2 Profile for Service Modeling -- Automatic Generation of Workflow-Extended Domain Models -- A Practical Perspective on the Design and Implementation of Service-Oriented Solutions -- Model Analysis --Constructive Techniques for Meta- and Model-Level Reasoning -- A Metamodel-Based Approach for Analyzing Security-Design Models --UML2Alloy: A Challenging Model Transformation -- Modeling Process -- i 2 MAP: An Incremental and Iterative Modeling and Analysis Process -- A Model-Driven Measurement Procedure for Sizing Web Applications: Design, Automation and Validation -- Model-Driven Engineering for Software Migration in a Large Industrial Context --Aspects -- Introducing Variability into Aspect-Oriented Modeling Approaches -- An Expressive Aspect Composition Language for UML State Diagrams -- Enhancing UML State Machines with Aspects -- New Language Features -- Complementary Use Case Scenario Representations Based on Domain Vocabularies -- Modeling Time(s) --A UML Profile for Developing Airworthiness-Compliant (RTCA DO-178B), Safety-Critical Software -- Debugging Support -- Forensic Debugging of Model Transformations -- Runtime Debugging Using Reverse-Engineered UML -- Formally Defining a Graphical Language for Monitoring and Checking Object Interactions -- Statecharts --Statechart Development Beyond WYSIWYG -- Model-Based Design of Computer-Controlled Game Character Behavior -- Model-Driven Construction of Certified Binaries -- Workshops, Tutorials and Panels -- Workshops and Symposia at MODELS 2007 -- Tutorials at MODELS 2007 -- Panels at MODELS 2007.