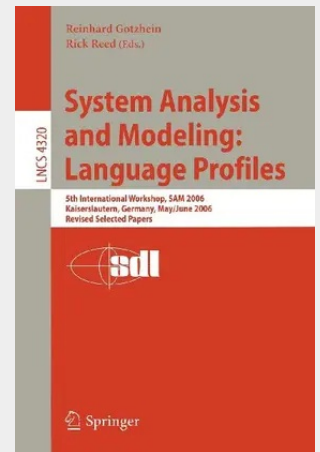


System Analysis and Modeling: Language Profiles

5th International Workshop, SAM 2006, Kaiserslautern, Germany, May 31 - June 2, 2006,
Revised Selected Papers

This book constitutes the refereed proceedings of the 5th International Workshop on System Analysis and Modelling, SAM 2006, held in Kaiserslautern, Germany in May/June 2006. The 14 revised full papers cover language profiles, evolution of development languages, model-driven development, and language implementation.

Language Profiles.- A UML Profile for Communicating Systems.- Implementing the eODL Graphical Representation.- Distributed Real-Time Behavioral Requirements Modeling Using Extended UML/SPT.- Formal Operations for SDL Language Profiles.- Evolution of Development Languages.- Automating Scenario Merging.- Timed High-Level Message Sequence Charts for Real-Time System Design.- Timed Use Case Maps.- Model-Driven Development.- Application of Stuck-Free Conformance to Service-Role Composition.- A Simulator Interconnection Framework for the Accurate Performance Simulation of SDL Models.- Refactoring and Metrics for TTCN-3 Test Suites.- SDL Design of a Radio Resource Control Protocol for 3G Evolution Systems with Two Different Approaches.- Language Implementation.- Evaluation of Development Tools for Domain-Specific Modeling Languages.- Towards Integrated Tool Support for the User Requirements Notation.- ConTraST - A Configurable SDL Transpiler and Runtime Environment.



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