

**SEMANTIC
OBJECT
MODELING
WITH**

SALSA

A CASEBOOK

**Sandra Dewitz
Michael Olson**

**Includes SALSA
modeling software**



Semantic Object Model Salsa

Stephen Shead



Semantic Object Model Salsa:

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Semantic Object Modeling with SALSA Sandra Dewitz, Michael Olson, 1994 Semantics in Business Systems Dave McComb, 2004 The book illustrates how this applies to the future of application system development especially how it informs and affects Web services and business rule based approaches and how semantics will play out with XML and the semantic Web The book also contains a quick reference guide to related terms and technologies **Advanced Topics in**

Information Resources Management, Volume 1 Khosrow-Pour, D.B.A., Mehdi, 2001-07-01 Advanced Topics in Information Resources Management features the latest research findings dealing with all aspects of information resources management managerial and organizational applications as well as implications of information technology organizations It aims to be instrumental in the improvement and development of the theory and practice of information resources management appealing to both practicing managers and academics Radical Frame Semantics and Biblical Hebrew Stephen Shead, 2011-09-09 Since James Barr's work in the 1960s the challenge for Hebrew scholars has been to continue to apply the insights of linguistic semantics to the study of biblical Hebrew This book begins by describing a range of approaches to semantic and grammatical analysis including structural semantics cognitive linguistics and cognitive metaphors frame semantics and William Croft's Radical Construction Grammar It then seeks to integrate these formulating a dynamic approach to lexical semantic analysis based on conceptual frames using corpus annotation The model is applied to biblical Hebrew in a detailed study of a family of words related to exploring searching and seeking The results demonstrate the value and potential of cognitive frame based approaches to biblical Hebrew lexicology *PC Magazine*, 1996

Semantic Data Mining A. Ławrynowicz, 2017-04-18 Ontologies are now increasingly used to integrate and organize data and knowledge particularly in data and knowledge intensive applications in both research and industry The book is devoted to semantic data mining a data mining approach where domain ontologies are used as background knowledge and where the new challenge is to mine knowledge encoded in domain ontologies and knowledge graphs rather than only purely empirical data The introductory chapters of the book provide theoretical foundations of both data mining and ontology representation Taking a unified perspective the book then covers several methods for semantic data mining addressing tasks such as pattern mining classification and similarity based approaches It attempts to provide state of the art answers to specific challenges and peculiarities of data mining with use of ontologies in particular How to deal with incompleteness of knowledge and the so called Open World Assumption What is a truly semantic similarity measure The book contains several chapters with examples of applications of semantic data mining The examples start from a scenario with moderate use of lightweight ontologies for

knowledge graph enrichment and end with a full fledged scenario of an intelligent knowledge discovery assistant using complex domain ontologies for meta mining i e an ontology based meta learning approach to full data mining processes The book is intended for researchers in the fields of semantic technologies knowledge engineering data science and data mining and developers of knowledge based systems and applications **Windows Magazine** ,1997 *The Semantic Web - ISWC 2009* Abraham Bernstein,David R. Karger,Tom Heath, Lee Feigenbaum,Diana Maynard,Enrico Motta,Krishnaprasad Thirunarayan,2009-11-06 As the Web continues to grow increasing amounts of data are being made available for human and machine consumption This emerging Semantic Web is rapidly entering the mainstream and as a result a variety of new solutions for searching aggregating and the intelligent delivery of information are being produced both in research and commercial settings Several new challenges arise from this context both from a technical and human computer interaction perspective e g as issues to do with the scalability and usability of Semantic Web solutions become particularly important The International Semantic Web Conference ISWC is the major international forum where the latest research results and technical innovations on all aspects of the Semantic Web are presented ISWC brings together researchers practitioners and users from the areas of artificial intelligence databases social networks distributed computing Web engineering information systems natural language processing soft computing and human computer interaction to discuss the major challenges and proposed solutions success stories and failures as well the visions that can advance the field

Database Processing David M. Kroenke,1995 Evaluates Lincolns ability as a director of war and his influence on the development of a modern command system From the Trade Paperback edition **Concurrent Programming, Open Systems and Formal Methods** Jose Meseguer,Carlos A. Varela,Nalini Venkatasubramanian,2025-09-24 This Festschrift is dedicated to Gul Agha in recognition of his outstanding research and teaching impact Gul Agha received his undergraduate degree at Caltech in 1977 and his A M M S and Ph D degrees at the University of Michigan Ann Arbor His thesis led to the MIT Press book *Actors A Model of Concurrent Computation in Distributed Systems* a work cited nearly 5000 times After researcher and lecturer appointments at MIT and Yale he moved to the University of Illinois Urbana Champaign where he started as an assistant professor in 1989 and subsequently became a full professor and the founding director of the Open Systems Laboratory The team's goal is to develop concurrent programming languages and systems that support applications with high performance fault tolerance or real time requirements and this work has been very influential across domains such as Software Engineering Formal Methods Programming Languages Concurrency Theory Distributed Systems and Cyber Physical Systems Gul Agha is a Fellow of the IEEE and a Fellow of the ACM other honors include the IBM Faculty Award the ONR Young Investigator Award and the ACM Recognition of Service Award Over the course of his career Gul has been a highly impactful mentor and he has collaborated in research and in publications with a wide range of scientists and engineers in academia and in industry Beyond his deep expertise they have been inspired by his well rounded intellect philosophy of life

and sense of humor and their successes are reflected in the papers contributed to this volume **Databases in Theory and Practice** John Jones, Simon Monk, 1997 Designed for students on practically oriented computing CIS and MIS courses this book adopts a pragmatic technical approach to databases It introduces concepts from a problem solving point of view with numerous practical examples and problems Database Systems Handbook Paul J. Fortier, 1997 With a unique systematic coverage of next generation databasing this essential handbook gives computing professionals working in distributed systems a one stop source of information and tips on the design operation and use of database management systems for a wide variety of applications *Formal Methods for Components and Objects* Frank S. de Boer, Marcello M. Bonsangue, Susanne Graf, Willem-Paul de Roever, 2008-01-30 This book presents 12 revised lectures given by top researchers at the 5th International Symposium on Formal Methods for Components and Objects FMCO 2006 held in Amsterdam Netherlands in November 2006 It provides a unique combination of ideas on software engineering and formal methods that reflect the current interest in the application or development of formal methods for large scale software systems such as component based systems and object systems **Byte**, 1997-06 *Ubiquitous User Modeling* Dominikus Heckmann, 2006

InfoWorld, 1996-01-22 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects From Object-Orientation to Formal Methods Olaf Owe, Stein Krogdahl, Tom Lyche, 2004-03-31 This book is dedicated to the memory of Ole Johan Dahl who passed away in June 2002 at the age of 70 shortly after he had received together with his colleague Kristen Nygaard the ACM Alan M Turing Award For ideas fundamental to the emergence of object oriented programming through their design of the programming languages Simula I and Simula 67 This Festschrift opens with a short biography and a bibliography recollecting Ole Johan Dahl s life and work as well as a paper he wrote entitled The Birth of Object Orientation the Simula Languages The main part of the book consists of 14 scientific articles written by leading scientists who worked with Ole Johan Dahl as students or colleagues In accordance with the scope of Ole Johan Dahl s work and the book s title the articles are centered around object orientation and formal methods **Programming Distributed Computing Systems** Carlos A. Varela, 2013-05-31 An introduction to fundamental theories of concurrent computation and associated programming languages for developing distributed and mobile computing systems Starting from the premise that understanding the foundations of concurrent programming is key to developing distributed computing systems this book first presents the fundamental theories of concurrent computing and then introduces the programming languages that help develop distributed computing systems at a high level of abstraction The major theories of concurrent computation including the calculus the actor model the join calculus and mobile ambients are explained with a focus on how they help design and reason about distributed and mobile computing systems The book then presents programming languages that follow the theoretical models already described including Pict SALSA and JoCaml The parallel structure of the chapters in both part one theory and part two practice enable

the reader not only to compare the different theories but also to see clearly how a programming language supports a theoretical model. The book is unique in bridging the gap between the theory and the practice of programming distributed computing systems. It can be used as a textbook for graduate and advanced undergraduate students in computer science or as a reference for researchers in the area of programming technology for distributed computing. By presenting theory first, the book allows readers to focus on the essential components of concurrency, distribution, and mobility without getting bogged down in syntactic details of specific programming languages. Once the theory is understood, the practical part of implementing a system in an actual programming language becomes much easier.

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