

Object Oriented Design Yourdon Press Computing Series

Spatial Modeling in Natural Sciences and Engineering
 Modern Industrial Automation Software Design
 Information Control and Technology
 1996 International Conference on Object Oriented Information Systems 16-18 December 1996, London Proceedings
 OOIS'98
 Software Development with C++
 Database and Expert Systems Applications
 Object-oriented Programming
 Mainstream Objects
 Object-oriented Systems Design
 Maximizing Reuse with Object Technology
 Object-Based Distributed Programming
 Functional and Object Oriented Analysis and Design: An Integrated Methodology
 Object-oriented Design
 Object-oriented Analysis of a Near Real-time Marine Environmental Data Acquisition and Reporting System
 High-Integrity System Specification and Design
 1998 International Conference on Object-Oriented Information Systems, 9-11 September 1998, Paris Proceedings
 Rapid Development
 Systems Analysis and Design
 Object-Oriented Information Engineering
 Software Development and Implementation
 Design for Configuration
 ECOOP '94 - Object-Oriented Programming
 7th International Conference, DEXA '96, Zurich, Switzerland, September 9 - 13, 1996. Proceedings
 Software Reuse
 Introduction to Computer-based Imaging Systems
 Ebook: Object-Oriented Systems Analysis and Design Using UML
 Fundamentals of a Discipline of Computer Program and Systems Design
 Taming Wild Software Schedules
 Object Orientation with Parallelism and Persistence
 8th European Conference, Bologna, Italy, July 4-8, 1994. Proceedings
 Design and Development
 Managing Information and Communications in a Changing Global Environment
 Object-oriented Oracle
 Proceedings of the 1996 Information Resources Management Association International Conference, Washington
 Techniques of Program Structure and Design
 Object-oriented Systems Analysis
 Structured Design
 ECOOP '93 Workshop, Kaiserslautern, Germany, July 26 - 27, 1993. Proceedings

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Spatial Modeling in Natural Sciences and Engineering Springer Science & Business Media
 Notations and strategies are delivered for: designing the problem domain component; designing the human interaction component; designing the task management component; designing the data management component; applying object-oriented design with object-oriented programming language; applying object-oriented design criteria; and selecting CASE for object-oriented design.

Modern Industrial Automation Software Design Springer Science & Business Media
 Systems Analysis and Design: An Object-Oriented Approach with UML, Sixth Edition helps students develop the core skills required to plan, design, analyze, and implement information systems. Offering a practical hands-on approach to the subject, this textbook is designed to keep students focused on doing SAD, rather than simply reading about it. Each chapter describes a specific part of the SAD process, providing clear instructions, a detailed example, and practice exercises. Students are guided through the topics in the same order as professional analysts working on a typical real-world project. Now in its sixth edition, this edition has been carefully updated to reflect current methods and practices in SAD and prepare students for their future roles as systems analysts. Every essential area of systems analysis and design is clearly and thoroughly covered, from project management, to analysis and design modeling, to construction, installation, and operations. The textbook includes access to a range of teaching and learning resources, and a running case study of a fictitious healthcare company that shows students how SAD concepts are applied in real-life scenarios.

Information Control and Technology McGraw Hill

The Sorbonne University is very proud to host this year the oms Conference on Object Oriented Information Systems. There is a growing awareness of the importance of object oriented techniques, methods and tools to support information systems engineering. The term information systems implies that the computer based systems are designed to provide adequate and timely information to human users in organizations. The term engineering implies the application of a rigorous set of problem solving approaches analogous to those found in traditional engineering disciplines. The intent of this conference is to present a selected number of those approaches which favor an object oriented view of systems engineering. oms '98 is the fifth edition of a series of conferences. Starting in 1994 in London, this series evolved from a British audience to a truly European one. The goal is to build a world wide acknowledged forum dedicated to object oriented information systems engineering. This conference is organized with the aim to bring together researchers and practitioners in Information Systems, Databases and Software Engineering who have interests in object oriented information systems. The objective is to advance understanding about how the object technology can empower information systems in organizations, on techniques for designing effective and efficient information systems and methods and development tools for information systems engineering. The conference aims also at discussing the lessons learned from large scale projects using objects. The call for oms was given international audience.

1996 International Conference on Object Oriented Information Systems 16-18 December 1996, London Proceedings Springer Science & Business Media

Emerging information technologies of the past few decades are now providing organizations with new tools to develop innovative organizational concepts and applications. This book is a collection of timely research and practical papers on the subject of IT management and its role in organizational innovation.

OOIS'98 Springer Science & Business Media

Wireless technology offers immense potential for competitive advantage, starting right now -- but today's wireless landscape can be extraordinarily confusing. This book gives decision makers the

clarity, insight, and practical methodology they need to identify the right wireless solutions -- and implement them. Ian S. Hayes offers a practical framework for understanding today's complex array of wireless devices, solution providers, technologies, standards, architectures, and acronyms. Through real-world case studies, practical examples, and illustrations, he helps you determine which wireless solutions offer the greatest business value in your environment -- and walks you through assembling and integrating those solutions. The book contains a detailed glossary of terminology, as well as a comprehensive list of software vendors and consultants, updated on an ongoing basis at the book's companion Web site.

Software Development with C++ Pearson Education

"This technological manual explores how software engineering principles can be used in tandem with software development tools to produce economical and reliable software that is faster and more accurate. Tools and techniques provided include the Unified Process for GIS application development, service-based approaches to business and information technology alignment, and an integrated model of application and software security. Current methods and future possibilities for software design are covered."

Database and Expert Systems Applications John Wiley & Sons

Interest has grown rapidly over the past dozen years in the application of object-oriented programming and methods to the development of distributed, open systems. This volume presents the proceedings of a workshop intended to assess the current state of research in this field and to facilitate interaction between groups working on very different aspects of object-oriented distributed systems. The workshop was held as part of the 1993 European Conference on Object-Oriented Programming (ECOOP '93). Over fifty people submitted position papers and participated in the workshop, and almost half presented papers. The presented papers were carefully reviewed and revised after the workshop, and 14 papers were selected for this volume.

Object-oriented Programming Prentice Hall

An introduction to powerful methods for accurate and complete system analysis and specification.

Mainstream Objects Springer Science & Business Media

Providing guidelines for a "next generation" object method focused on business, this informative guide synthesizes the best of the currently available techniques. Designed for businesses interested in migrating applications to object technology, the book focuses on analysis and design rather than programming issues.

Object-oriented Systems Design John Wiley & Sons

This book addresses issues concerning the engineering of system products that make use of computing technology. These systems may be products in their own right, for example a computer, or they may be the computerised control systems inside larger products, such as factory automation systems, transportation systems and vehicles, and personal appliances such as portable telephones. In using the term engineering the authors have in mind a development process that operates in an integrated sequence of steps, employing defined techniques that have some scientific basis. Furthermore we expect the operation of the stages to be subject to controls and standards that result in a product fit for its intended purpose, both in the hands of its users and as a business venture. Thus the process must take account of a wide range of requirements relating to function, cost, size, reliability and so on. It is more difficult to define the meaning of computing technology. These days this involves much more than computers and software. For example, many tasks that might be performed by software running in a general purpose computer can also be performed directly by the basic technology used to construct a computer, namely digital hardware. However, hardware need not always be digital; we live in an analogue world, hence analogue signals appear on the boundaries of our systems and it can sometimes be advantageous to allow them to penetrate further.

Maximizing Reuse with Object Technology IGI Global

Manufacturers worldwide are faced with unprecedented challenges from international competition, changing production processes and technologies, shorter production life-cycles, market globalization and environmental requirements. Fundamental to meeting these challenges is the understanding and control of information across all stages of the Computer Integrated Manufacturing (CIM) process. Modern Manufacturing presents the state of the art in the information-oriented aspects of CIM and Intelligent Manufacturing Systems. Particular emphasis is placed on the impact of new software engineering technologies, the object-oriented approach, database design, hierarchical control and intelligent systems. The contributions are written by experts from Europe and the USA.

Object-Based Distributed Programming Yourdon

Object-Oriented Information Engineering: Analysis, Design, and Implementation discusses design, both its object-oriented and traditional development and analysis, on which the book gives much focus. The book begins with an introduction to information engineering and its phases, object-oriented information engineering, and object orientation. The text then moves on to more specific topics, such as business information requirements; detailed object modeling; business functions and subject areas; and individual object behaviors and object interactions. The book also explains the integration and validation of analysis models; object structure designs; and system designs and its different applications. The text is recommended for undergraduates and practitioners of computer and/or information engineers who want to learn more about object-oriented design, its relation with traditional design, and its analysis. The book is also for those who wish to contribute and conduct further studies in the field of object-oriented design.

Functional and Object Oriented Analysis and Design: An Integrated Methodology vdf Hochschulverlag AG

The main subjects in this book relate to software development using cutting-edge technologies for real-world industrial automation applications. A hands-on approach to applying a wide variety of emerging technologies to modern industrial practice problems. Explains key concepts through clear examples, ranging from simple to more complex problem domains, and all based on real-world industrial problems. A useful reference book for practicing engineers as well as an updated resource book for researchers.

Object-oriented Design Academic Press

Advances of information and communications technologies have created new forces in managing organizations. These forces are leading modern organizations to reassess their current structures to become more effective in the growing global economy. This Proceedings is aimed at the challenges involved in effective utilization and management of technologies in contemporary organizations.

Object-oriented Analysis of a Near Real-time Marine Environmental Data Acquisition and Reporting System Springer Science & Business Media

As we approach the end of the 20th century we can look back upon the achievements that have been made in a variety of human endeavours with pride. Enormous strides have been made to improve the quality of life of millions of people through the application of the scientific discoveries made during this and past centuries. The 20th century will be remembered as much for the mass exploitation of scientific discovery as for the discoveries themselves. The technological age has meant that the human being is able to contemplate activities which "defy" nature. For example, some of the work involved in the preparation of these proceedings has been done whilst travelling at over 500 miles per hour seven miles above the surface of the earth. It is not difficult to conjecture about the effect that this relatively recent technology has had upon a number of "systems". Air transportation has provided a number of benefits including such disparate examples such as enabling holidays, famine relief and the cross fertilisation of cultural practices from other lands. Equally, there have been undesirable effects such as enabling the means of mass destruction, interference in other cultures and the speedy transportation of disease. Moreover, the physical presence of the aeroplane itself represents the consumption of fossil fuels, a source of pollution and a change in the way think about life. The view expressed here is of course the view of an inhabitant of the "western world".

High-Integrity System Specification and Design Springer Science & Business Media

Project managers, technical leads, and Windows programmers throughout the industry share an important concern--how to get their development schedules under control. *Rapid Development*

addresses that concern head-on with philosophy, techniques, and tools that help shrink and control development schedules and keep projects moving. The style is friendly and conversational--and the content is impressive.

[1998 International Conference on Object-Oriented Information Systems, 9-11 September 1998, Paris Proceedings](#)

Object-oriented Design Notations and strategies are delivered for: designing the problem domain component; designing the human interaction component; designing the task management component; designing the data management component; applying object-oriented design with object-oriented programming language; applying object-oriented design criteria; and selecting CASE for object-oriented design. *Object-oriented Design*

Software Development with C++: Maximizing Reuse with Object Technology is about software development and object-oriented technology (OT), with applications implemented in C++. The basis for any software development project of complex systems is the process, rather than an individual method, which simply supports the overall process. This book is not intended as a general, all-encompassing treatise on OT. The intent is to provide practical information that is directly applicable to a development project. Explicit guidelines are offered for the infusion of OT into the various development phases. The book is divided into five major parts. Part I describes why we need a development process, the phases and steps of the software process, and how we use individual methods to support this process. Part II lays the foundation for the concepts included in OT. Part III describes how OT is used in the various phases of the software development process, including the domain analysis, system requirements analysis, system design, software requirements analysis, software design, and implementation. Part IV deals exclusively with design issues for an anticipated C++ implementation. Part V is devoted to object-oriented programming with C++. This book is intended for practicing software developers, software managers, and computer science and software engineering students. Sufficient guidelines are included to aid project leaders in establishing an overall development process for small, medium, and large system applications.

Rapid Development Springer Science & Business Media

The author introduces the reader to the creation and implementation of space-related models by applying a learning-by-doing and problem-oriented approach. The required procedural skills are rarely taught at universities and many scientists and engineers struggle to transfer a model into a computer program. The purpose of this book is to fill this gap. It moves from simple to more complex applications, covering various important topics in the sequence: dynamic matrix processing, 2D and 3D graphics, databases, Java applets and parallel computing. A file (SMOP.zip) with all examples can be downloaded free of charge from the Internet at <http://de.geocities.com/bsttc2/book>.

Systems Analysis and Design Pearson Education

Behavioral Specifications of Businesses and Systems deals with the reading, writing and understanding of specifications. The papers presented in this book describe useful and sometimes elegant concepts, good practices (in programming and in specifications), and solid underlying theory that is of interest and importance to those who deal with increased complexity of business and systems. Most concepts have been successfully used in actual industrial projects, while others are from the forefront of research. Authors include practitioners, business thinkers, academics and applied mathematicians. These seemingly different papers address different aspects of a single problem - taming complexity. *Behavioral Specifications of Businesses and Systems* emphasizes simplicity and elegance in specifications without concentrating on particular methodologies, languages or tools. It shows how to handle complexity, and, specifically, how to succeed in understanding and specifying businesses and systems based upon precise and abstract concepts. It promotes reuse of such concepts, and of constructs based on them, without taking reuse for granted. *Behavioral Specifications of Businesses and Systems* is the second volume of papers based on a series of workshops held alongside ACM's annual conference on Object-Oriented Programming Systems Languages and Applications (OOPSLA) and European Conference on Object-Oriented Programming (ECOOP). The first volume, *Object-Oriented Behavioral Specifications*, edited by Haim Kilov and William Harvey, was published by Kluwer Academic Publishers in 1996.

Prentice Hall

Ebook: *Object-Oriented Systems Analysis and Design Using UML*

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