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# Object Oriented Design Yourdon Press Computing Series

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Managing Information and Communications in a Changing Global Environment  
An Analysis and Design Approach for Business  
Volume 12 - Multistrategy Learning to Operations Research: Microcomputer Applications  
Information Technology Management and Organizational Innovations  
Just Enough Wireless Computing  
Fundamentals of a Discipline of Computer Program and Systems Design  
Database and Expert Systems Applications  
Addressing Global Issues  
Maximizing Reuse with Object Technology  
Systems Analysis and Design  
1996 International Conference on Object Oriented Information Systems 16-18 December 1996, London Proceedings  
Ebook: Object-Oriented Systems Analysis and Design Using UML  
Object-oriented Oracle  
Structured Design  
Computer-based Instruction  
An Integrated Methodology  
Taming Wild Software Schedules  
An Object-Oriented Approach with UML  
High-Integrity System Specification and Design  
Object-oriented Systems Analysis  
Software Development with C++  
Object-oriented Design  
Rapid Development  
Software Development and Implementation  
Systems Science  
Information Control and Technology

Practicing Software Engineering in the 21st Century  
Spatial Modeling in Natural Sciences and Engineering  
An Integrated Approach  
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OOIS'96  
Behavioral Specifications of Businesses and Systems  
A Finite Element Framework for Geotechnical Applications Based on Object-oriented Programming  
Object Oriented Computer Systems Engineering  
Proceedings of the 1996 Information Resources Management Association International Conference, Washington  
Object-oriented Programming  
Functional and Object Oriented Analysis and Design: An Integrated Methodology  
A Debate based on the 5th WDK Workshop on Product Structuring  
Object-oriented Design

*Object Oriented Design*  
Yourdon Press  
Computing Series

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## SOLIS EVA

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### **Managing Information and Communications in a Changing Global Environment** Academic Press

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.

An Analysis and Design Approach for Business Yourdon

"The book covers comprehensive and fundamental aspects of the implementation of object-oriented modeling in a DBMS that was originated as a pure Relational Database, Oracle"--  
Provided by publisher.

**Volume 12 - Multistrategy Learning to Operations Research: Microcomputer Applications** Prentice Hall

Software Reuse is a state of the art book concerning all aspects of software reuse. It does away with the hype and shows the reality. Different techniques are presented which enable software reuse and the author demonstrates why object-oriented methods are better for reuse than other approaches. The book details the different factors to take into account when managing reusable components: characterisation, identification, building, verification, storage, search, adaptation, maintenance and evolution. Comparisons and description of various types of companies that could benefit from

applying reuse techniques are included outlining, amongst other things, increased profitability and likely problems that might arise from the purchase and selling of reuse tools and components. Based on a real experience of software reuse in a company with a bibliography of more than 200 references provided, this book is a 'must have' for all those working in the software reuse field.

*Information Technology Management and Organizational Innovations* Prentice Hall Introduces object-oriented programming, provides parallel examples in Smalltalk and C++ for four sample programs, and discuss program design

Just Enough Wireless Computing Springer Science & Business Media

Object-oriented Design

Fundamentals of a Discipline of Computer Program and Systems Design Educational Technology

"The Encyclopedia of Microcomputers serves as the ideal companion reference to the popular Encyclopedia of Computer Science and Technology. Now in its 10th year of publication, this timely reference work details the broad spectrum of microcomputer technology, including

microcomputer history; explains and illustrates the use of microcomputers throughout academe, business, government, and society in general; and assesses the future impact of this rapidly changing technology."

Database and Expert Systems Applications Springer Science & Business Media Provides a practical explanation of modular and structural programming principles and techniques applicable to all major languages.

**Addressing Global Issues** 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."

**Maximizing Reuse with Object**

**Technology** Springer Science & Business Media

This volume contains the proceedings of the 8th European Conference on Object-Oriented Programming (ECCOP '94), held in Bologna, Italy in July 1994. ECOOP is the premier European event on object-oriented programming and technology.

The 25 full refereed papers presented in the volume were selected from 161 submissions; they are grouped in sessions on class design, concurrency, patterns, declarative programming, implementation, specification, dispatching, and experience.

Together with the keynote speech "Beyond Objects" by Luc Steels (Brussels) and the invited paper "Putting Objects to Work" by Norbert A. Streitz (GMD-IPSI, Darmstadt) they offer an exciting perspective on object-oriented programming research and applications.

Systems Analysis and Design Springer Science & Business Media

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](#) IGI Global  
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>.  
*Ebook: Object-Oriented Systems Analysis and Design Using UML* Springer Science &

Business Media

Summary: "The main objective of this book is to teach both students and practitioners of information systems, software engineering, computer science and related areas to analyze and design information systems using the FOOM methodology. FOOM combines the object-oriented approach and the functional (process-oriented) approach"--Provided by publisher.

*Object-oriented Oracle* Springer Science & Business Media

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.

Structured 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.

*Computer-based Instruction* 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".

**An Integrated Methodology** Springer Science & Business Media

This volume contains the papers presented at the Third International Conference on Object Oriented Information Systems (OOIS'96) which was held at South Bank University, London. The keynote addresses, by Professor Colette Roland and Mr Ian Graham, are also included. The acceptance rate for papers was around 47%. The papers for the Industry Day were invited papers. The keynote paper by Professor Roland analyses the challenges in object modelling, particularly the impact of requirements engineering for conceptual modelling. She suggests innovative research perspectives to enhance and extend object oriented approaches in order to deal with the emerging area of requirements engineering. The keynote paper presented by Mr. Graham focuses on the problems and solutions for adopting

use cases. In his paper, Graham illustrates the theoretical issues and practical problems of use cases, and highlights them using examples. The papers included in this volume cover different aspects of object modelling, object oriented software development, object databases, and interoperability. In the modelling session, Ram, et al. outline an extended object model to tackle the problems of capturing complex requirements of office information systems. Simons' paper concentrates on core object modelling concepts and presents a mathematical theory of class.

Taming Wild Software Schedules Object-oriented DesignNotations 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

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.

An Object-Oriented Approach with UML vdf Hochschulverlag AG

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

**High-Integrity System Specification and Design** McGraw Hill

Text written in 6 parts: 1) Introduction; 2) Management issues; 3) Object oriented analysis; 4) Object oriented design; 5) Case for OO; 6) How to get started.  
Object-oriented Systems Analysis CRC

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

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