

Reading free Writing software documentation a task oriented approach part of the allyn bacon series in technical communication 2nd edition (PDF)

Requirements Modeling And Coding: An Object-oriented Approach
Learner-Oriented Teaching and Assessment in Youth Sport Form-
Oriented Analysis Object-Oriented Construction Handbook The State
Pen Work Book, A Neuroscience-Oriented Approach to Success
Theory and Practice of Focusing-Oriented Psychotherapy Object-
Oriented Design with UML and Java Emerging Practice in Focusing-
Oriented Psychotherapy Subject-Oriented Business Process
Management A Case Oriented Approach Towards Biochemistry
Software Engineering for Large Software Systems Object-Oriented
Graphics The Quest for the Origin of John's Gospel : A Source-
Oriented Approach Market Oriented Product Innovation Web
Services, Service-Oriented Architectures, and Cloud Computing
Agent-Oriented Software Engineering XI Validated Designs for
Object-oriented Systems Behavioural Investing Service Oriented
Architecture (SOA) For Dummies DATA SCIENCE WITH JDBC
AND SQLITE USING OBJECT-ORIENTED APPROACH AND
APACHE NETBEANS IDE Computer Oriented Analysis of Shell
Structures Programming in an Object-Oriented Environment Family-

Oriented Primary Care The Manager's Guide to Simple, Strategic, Service-Oriented Business Continuity Object-Oriented ActionScript 3.0 Organic Service-Level Management in Service-Oriented Environments Advanced Concepts, Life Cycle Models and Tools for Object-oriented Software Development Readings in Object-Oriented Database Systems Load-Oriented Manufacturing Control Computer Systems Architecture Agent-Oriented Software Engineering V Inside System Storage: Volume II (Paperback) Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future Object-oriented Software for Manufacturing Systems Object-oriented Data Structures Using Java Customer Oriented Product Design Object-Oriented Python Group-Projects in a Problem-Oriented Setting Digital Factory for Human-oriented Production Systems Development-Oriented Corporate Social Responsibility: Volume 2

Requirements Modeling And Coding: An Object-oriented Approach

2020-10-20

requirements modeling and coding attempts to bridge the gap between modeling and coding and serves the growing trend of agile development better than existing textbooks in the area instead of using toy tools to create modeling and coding examples the author teaches ibm rational rhapsody as a modeling tool and microsoft visual c as a programming tool c is the purest object oriented programming language and the best tool for developing graphical user interfaces while rhapsody is a visual development environment that real software developers use to create real time or embedded systems this book serves as a text for a capstone course on systems analysis and design in information systems programs it conceptualizes business objects and functions develops business models and software architectures and enriches the models and the architectures by storyboarding use cases along with user interface designs instructor resources are provided for free to instructors who adopt the book as textbook please send your request to sales wspc com

Learner-Oriented Teaching and Assessment in Youth Sport

2022-05-18

this book provides sport educators with a comprehensive learner

centred instructional toolkit to empower children and young people in collaborative independent learning of sport and games sgs the book is unique in bringing together the various pedagogical dimensions inherent to the teaching learning process of sgs the instructional system teaching strategies the social system interactional climate the task system learning tasks and activities and the assessment for learning system it also shows how to effectively involve learners as active agents in promoting more democratic learning environments and equitable interactions between sportspersons written by a team of experts with extensive experience of using student centred approaches as teachers youth coaches teacher educators researchers and theorists the book introduces key concepts and evidence based examples of best practice with practical instructional strategies learning tasks and activities included in every chapter as the chapters of the book unfold they teach the reader how to create game based tasks that are suited to different learner skill levels how to align tasks learning goals and learner needs and feel empowered to engage young people in creativity development activities covering key themes in contemporary sport pedagogy from the constraints led approach and appropriateness to learner designed games and the use of technology this is essential reading for all trainee and in service physical education teachers and sports coaches working with children or young people

Form-Oriented Analysis

2005-10-14

form based applications range from simple web shops to complex

enterprise resource planning systems draheim and weber adapt well established basic modeling techniques in a novel way to achieve a modeling framework optimized for this broad application domain they introduce new modeling artifacts such as page diagrams and form storyboards and separate dialog patterns to allow for reuse in their implementation they have developed new constructs such as typed server pages and tools for forward and reverse engineering of presentation layers the methodology is explained using an online bookshop as a running example in which the user can experience the modeling concepts in action the combination of theoretical achievements and hands on practical advice and tools makes this book a reference work for both researchers in the areas of software architectures and submit response style user interfaces and professionals designing and developing such applications more information and additional material is also available online

Object-Oriented Construction Handbook

2005

object oriented programming oop has been the leading paradigm for developing software applications for at least 20 years many different methodologies approaches and techniques have been created for oop such as uml unified process design patterns and extreme programming yet the actual process of building good software particularly large interactive and long lived software is still emerging software engineers familiar with the current crop of methodologies are left wondering how does all of this fit together for designing and building software in real projects this handbook from one of the world

s leading software architects and his team of software engineers presents guidelines on how to develop high quality software in an application oriented way it answers questions such as how do we analyze an application domain utilizing the knowledge and experience of the users what is the proper software architecture for large distributed interactive systems that can utilize uml and design patterns where and how should we utilize the techniques and methods of the unified process and extreme programming this book brings together the best of research development and day to day project work the strength of the book is that it focuses on the transition from design to implementation in addition to its overall vision about software development bent bruun kristensen university of southern denmark odense

The State Pen Work Book, A Neuroscience-Oriented Approach to Success

2019-07-28

this is a neuroscience oriented brainsmart program designed to help struggling yet motivated adults especially those in prison learn the tools and techniques for success i e the skills needed to obtain stable and meaningful employment students learn the fundamentals of how the brain works in order to answer two questions 1 who am i and 2 why do i behave as i do the goal is to dial in who one needs to be in the moment this program has been taught in nevada state prisons and to nevada inmates since 2013

Theory and Practice of Focusing-Oriented Psychotherapy

2014-04-21

this comprehensive introduction to focusing oriented psychotherapy lays out the background and fundamentals of the approach covering theory and practice gendlin after many articles on focusing oriented psychotherapy finally published the text focusing oriented psychotherapy in 1996 making these ideas more widely available to the world with contributions from some of the world s most influential contemporary focusing oriented psychotherapists and a foreword by gendlin this book provides a long overdue survey of this growing field it explores how focusing has been integrated with other theoretical orientations such as attachment theory solution focused therapy relational psychoanalysis and existential therapy contemporary issues in focusing oriented psychotherapy are also covered such as its suitability across cultures and how it relates to the latest findings in the field of neuroscience the book is essential reading for all practicing therapists and counselors as well as trainee therapists particularly those who want to explore the potential of experiential dimensions in their therapy and coaching practice jessica kingsley publishers also publishes a companion volume emerging practice in focusing oriented psychotherapy innovative theory and applications edited by greg madison 9781849053716

Object-Oriented Design with UML and Java

2003-12-17

object oriented design with uml and java provides an integrated introduction to object oriented design with the unified modelling language uml and the java programming language the book demonstrates how java applications no matter how small can benefit from some design during their construction fully road tested by students on the authors own courses the book shows how these complementary technologies can be used effectively to create quality software it requires no prior knowledge of object orientation though readers must have some experience of java or other high level programming language this book covers object technology object oriented analysis and design and implementation of objects with java it includes two case studies dealing with library applications the uml has been incorporated into a graphical design tool called rome which can be downloaded from the book s website this object modelling environment allows readers to prepare and edit various uml diagrams rome can be used alongside a java compiler to generate java code from a uml class diagram then compile and run the resulting application for hands on learning this text would be a valuable resource for undergraduate students taking courses on o o analysis and design o o modelling java programming and modelling with uml integrates design and implementation using java and uml includes case studies and exercises bridges the gap between programming texts and high level analysis books on design

Emerging Practice in Focusing-Oriented *Psychotherapy*

2014-04-21

emerging practice in focusing oriented psychotherapy brings together some of the world's most influential contemporary psychotherapists in the field to look at the future of focusing oriented approaches focusing oriented psychotherapy a form of therapy that involves listening to the innate wisdom of the body is a dynamic and growing field that has evolved greatly since eugene gendlin first published the text focusing oriented psychotherapy in 1996 this book explores recent innovations such as focusing oriented psychotherapy as a response to trauma wholebody focusing and how focusing has been adapted in japan and south korea one section looks at specific contemporary issues and emerging practical applications of focusing oriented psychotherapy such as how focusing can be used in wellbeing counselling and to help decision making processes in counselling and therapy by offering new alternatives to working effectively with difficult issues and specific client groups this volume will appeal to a broad range of therapists coaches and other practitioners jessica kingsley publishers also publishes a companion volume theory and practice of focusing oriented psychotherapy beyond the talking cure edited by greg madison 9781849053242

Subject-Oriented Business Process

Management

2012-10-31

activities performed in organizations are coordinated via communication between the people involved the sentences used to communicate are naturally structured by subject verb and object the subject describes the actor the verb the action and the object what is affected by the action subject oriented business process management s bpm as presented in this book is based on this simple structure which enables process oriented thinking and process modeling s bpm puts the subject of a process at the center of attention and thus deals with business processes and their organizational environment from a new perspective meeting organizational requirements in a much better way than traditional approaches subjects represent agents of an action in a process which can be either technical or human e g a thread in an it system or a clerk a process structures the actions of each subject and coordinates the required communication among the subjects s bpm provides a coherent procedural framework to model and analyze business processes its focus is the cooperation of all stakeholders involved in the strategic tactical and operational issues sharing their knowledge in a networked structure the authors illustrate how each modeling activity through the whole development lifecycle can be supported through the use of appropriate software tools the presentation style focuses on professionals in industry and on students specializing in process management or organizational modeling each chapter begins with a summary of key findings and is full of examples hints and possible pitfalls an interpreter model a toolbox and a glossary summarizing the main terms complete the book the web site i2pm

net provides additional software tools and further material

A Case Oriented Approach Towards Biochemistry

2012-12-30

presented as case studies this book provides students with up to date logical coverage of basic biochemistry with normal and abnormal aspects of physiological chemistry each section features case studies discussing different disorders and conditions in topics including chemistry and metabolism of carbohydrates lipids amino acids proteins and nucleotides as well as vitamins minerals hormones diet and detoxification each case is presented in a problem solving approach describing the history clinical manifestations and laboratory findings of the disease assisted by detailed illustrations the final sections offer normal laboratory reference values and case studies and answers for self assessment key points case studies presented in problem solving approach covering history clinical manifestations and laboratory findings of biochemistry of different diseases and conditions separate sections dedicated to aids cancer molecular biology organ function tests and water and electrolyte imbalance includes normal laboratory reference values and case studies for self assessment

Software Engineering for Large Software Systems

1990

these proceedings include tutorials and papers presented at the sixth csr conference on the topic of large software systems the aim of the conference was to identify solutions to the problems of developing and maintaining large software systems based on approaches which are currently being undertaken by software practitioners these proceedings are intended to make these solutions more widely available to the software industry the papers from software practitioners describe important working systems highlighting their problems and successes techniques for large system development and maintenance including project management quality management incremental delivery system security in dependent v v and reverse engineering in addition academic and industrial researchers discuss the practical impact of current research in formal methods object oriented design and advanced environments the keynote paper is provided by professor brian warboys of icl and the university of manchester who masterminded the development of the icl vme operating system and the production of the first database driven software engineering environment cades the proceedings commence with reports of the two tutorial sessions which preceded the conference professor keith bennett of the centre for software maintenance at durham university on software maintenance professor john mcdermid of the university of york on systems engineering environments for high integrity systems the remaining papers deal with reports on existing systems starting with professor warboys keynote paper approaches to large systems development methods for large systems maintenance and the expected impact of current research

Object-Oriented Graphics

2012-12-06

at present object oriented programming is emerging from the research laboratories and invading into the field of industrial applications more and more products have been implemented with the aid of object oriented programming techniques and tools usually as extensions of traditional languages in hybrid development systems some of the better known examples are osf motif news objective c on the next computer the c extension c and clos an object oriented extension of lisp all of these developments incorporate interactive graphics effective object oriented systems in combination with a graphics kernel does it mean that the field of computer graphics has now become merely an aspect of the object oriented world we do not think so in spite of interesting individual developments there are still no sound object oriented graphics systems available if it is desired to develop a complex graphics application embedded in a window oriented system then it is still necessary to work with elementary tools what is to be displayed and interactively modified inside a window must be specified with a set of graphics primitives at a low level or has to be written with a standardized graphics kernel system such as gks or phigs i.e. by kernels specified and implemented in a non object oriented style with the terms gks and phigs we enter the world of international graphics standards gks and phigs constitute systems not mere collections of graphics primitives

The Quest for the Origin of John's Gospel : A Source-Oriented Approach

1992-12-11

this book presents a controversial thesis concerning the composition of the gospel according to john most new testament scholars believe that john was independent of the other three synoptic gospels although some hold that he may have been familiar with mark this has led many to attempt to reconstruct the history of the community within which and for which john must have written brodie argues however that until the source question is settled the historical question remains fruitless what has been missing from johannine scholarship he says is an accurate sense of the way in which writers of the ancient world set about composing their works given this literary context it can be argued that john knew and used not only all of the synoptic gospels but acts ephesians and the pentateuch as well finally brodie concludes that john was the individual john and not the mouthpiece of a putative johannine community the gospel should thus be read as a unified work and not as the product of an aggregation of different sources or different dates of redaction

Market Oriented Product Innovation

2002-10-31

market oriented product innovation differs from most other titles written either from a marketing or technical perspective by giving a holistic view of the product innovation process it has a product

perspective written from a managerial point of view recognizing that product innovation or new product development is a discipline of its own it is concerned with managing the products goods and services through their life cycle integrating marketing knowledge and technological expertise with the aim of getting satisfied customers the book also gives a thorough treatment of the human and cultural aspects of product innovation by focusing on the change processes needed for the development of a market oriented culture the book has practical focus and relevance due to the professional background of the author knut holt who has established the field of technology management at the norwegian institute of science and technology and is the founder of ispm the international society for professional innovation management by linking deep theoretical knowledge with extensive practical experience the book provides an excellent foundation whether used as support to courses or for self studies the learning is facilitated by about 200 cases and examples from leading companies throughout the world a unique feature of the book is its dual capacity to serve both as an introductory text supported by teacher and student manuals and as a base for advanced studies with more than four hundred references mainly based on selected key management books and publications from recognized researchers each research publication comprises extensive literature reviews and summaries of the latest advances

Web Services, Service-Oriented Architectures, and Cloud Computing

2012-12-31

services service oriented architectures and cloud computing is a jargon free highly illustrated explanation of how to leverage the rapidly multiplying services available on the internet the future of business will depend on software agents mobile devices public and private clouds big data and other highly connected technology it professionals will need to evaluate and combine online services into service oriented architectures soa often depending on services and cloud computing this can mean a fundamental shift away from custom software and towards a more nimble use of semantic vocabularies middle tier systems adapters and other standardizing aspects this book is a guide for the savvy manager who wants to capitalize on this technological revolution it begins with a high level example of how an average person might interact with a service oriented architecture and progresses to more detail discussing technical forces driving adoption and how to manage technology culture and personnel issues that can arise during adoption an extensive reference section provides quick access to commonly used terms and concepts broad non technical explanation of a technical topic for managers at all levels only web services book to cover data management and software engineering perspectives excellent resource for all members of it teams provides a set of leadership principles and suggested applications for using this technology

Agent-Oriented Software Engineering XI

2011-10-09

since the mid 1980s software agents and multi agent systems have grown into a very active area of research and also commercial

development activity one of the limiting factors in industry take up of agent technology however is the lack of adequate software engineering support the agent oriented software engineering workshop aose focuses on the synergies and cross fertilization between software engineering and agent research this volume presents both thoroughly revised selected papers from the aose 2010 workshop held at aamas 2010 in toronto canada in may 2010 as well as invited articles by leading researchers in the field the papers cover a broad range of topics related to software engineering and agent based systems with particular attention to the integration of concepts and techniques from multi agent systems with conventional engineering approaches on the one hand and to the integration of agent oriented software engineering and methodologies with conventional engineering processes on the other hand

Validated Designs for Object-oriented Systems

2005-12-06

this book provides an introduction to practical formal modelling techniques in the context of object oriented system design it is aimed at both practising software engineers with some prior experience of object oriented design programming and at intermediate or advanced students studying object oriented design or modelling in a short course the following features make this book particularly attractive to potential instructors the relationship with uml and object oriented programming makes it easy to integrate with the mainstream computing curriculum although the book is about formal methods it does not have to be treated as a specialist topic the use of tools and an

accessible modelling language improves student motivation the industry based examples and case studies add to the credibility of the approach the light touch approach means that the material appeals to students with a wider range of abilities than is the case in a conventional formal methods text support materials as listed above

Behavioural Investing

2007-10-29

behavioural investing seeks to bridge the gap between psychology and investing all too many investors are unaware of the mental pitfalls that await them even once we are aware of our biases we must recognise that knowledge does not equal behaviour the solution lies in designing and adopting an investment process that is at least partially robust to behavioural decision making errors behavioural investing a practitioner s guide to applying behavioural finance explores the biases we face the way in which they show up in the investment process and urges readers to adopt an empirically based sceptical approach to investing this book is unique in combining insights from the field of applied psychology with a thorough understanding of the investment problem the content is practitioner focused throughout and will be essential reading for any investment professional looking to improve their investing behaviour to maximise returns key features include the only book to cover the applications of behavioural finance an executive summary for every chapter with key points highlighted at the chapter start information on the key behavioural biases of professional investors including the seven sins of fund management investment myth busting and the tao of investing practical examples

showing how using a psychologically inspired model can improve on standard common practice valuation tools written by an internationally renowned expert in the field of behavioural finance

Service Oriented Architecture (SOA) For Dummies

2009-02-18

feeling overwhelmed by the buzz about soa service oriented architecture take heart service oriented architecture for dummies 2nd edition makes it easy to understand plan and implement the latest soa solutions for your business whether you re the it person responsible for developing soa or the executive who s trying to get a handle on the concept service oriented architecture for dummies 2nd edition will help you understand what soa is why it s important and how you can make the most of it you ll find out about the business and financial aspects of soa how to decide if you need it and what it can mean to your bottom line discover how to identify the main components of soa and how they work to create business processes create reusable flexible systems and avoid common pitfalls deconstruct business processes and applications to identify their components then put them together in new ways construct soa business applications for maximum adaptability confirm quality in a situation that s difficult to test and assure the quality and consistency of your data develop a governance strategy for soa based on your company s philosophy and culture work with xml and understand how it s used in soa maximize the benefits of unified communications understand software ecosystems rich interfaces and the development lifecycle packed with

real life case studies illustrating how soa has been applied in a variety of industries service oriented architecture for dummies 2nd edition demystifies one of today s hottest business tools

DATA SCIENCE WITH JDBC AND SQLITE USING OBJECT-ORIENTED APPROACH AND APACHE NETBEANS IDE

2023-03-11

in this project you will develop step by step implementation of jdbc sqlite with object oriented approach using sqlite version of an oracle sample database named electronics you will be taught how to plot country distribution in each region location distribution in each country and region warehouse distribution in each country region and city product distribution by category name categorized standard cost and categorized list price values distribution in products table categorized values in inventories table employee distribution by job title customer distribution by categorized credit limit order distribution by customer employee status and by categorized credit limit the top 10 sales distribution by product name the top 10 sales distribution by category name the order distribution by category and order distribution by status the electronics database itself is based on a global fictitious company that sells computer hardware including storage motherboard ram video card and cpu you can download the sample database from viviansiahaan.blogspot.com 2023 03 book jdbc and sqlite with object html in the database the company maintains the product information such as name description standard cost list price

and product line it also tracks the inventory information for all products including warehouses where products are available because the company operates globally it has warehouses in various locations around the world the company records all customer information including name address and website each customer has at least one contact person with detailed information including name email and phone the company also places a credit limit on each customer to limit the amount that customer can owe whenever a customer issues a purchase order a sales order is created in the database with the pending status when the company ships the order the order status becomes shipped in case the customer cancels an order the order status becomes canceled in addition to the sales information the employee data is recorded with some basic information such as name email phone job title manager and hire date

Computer Oriented Analysis of Shell Structures

1971

programming in an object oriented environment provides an in depth look at the concepts behind the technology of object oriented programming this book explains why object oriented programming has the potential to vastly improve the productivity of programmers and how to apply this technology in a practical environment many programming examples are included focusing on how different programming languages support the core of object oriented concepts c is used as the main sample language throughout this text this monograph consists of two major parts part i provides an introduction

to object oriented concepts their rationale and their implementation in programming languages the object oriented approach to programming in an object oriented environment is discussed in part ii this publication is intended for software professionals who are interested in learning the fundamental concepts of object oriented programming and how to apply these concepts in a practical computer environment

Programming in an Object-Oriented Environment

2014-05-10

the first edition helped bring the family approach to health care into the medical mainstream this new edition like the first provides health care professionals with a practical guide to working with and treating both the individual patient and the family tackling challenging and emerging issues such as aids and the family race and gender child abuse and domestic violence in addition to pregnancy child behavior and chronic illness this volume is sure to be an indispensable guide for primary care providers

Family-Oriented Primary Care

2005-12-06

you have the knowledge and skill to create a workable business continuity management bcm program but too often your projects are stalled while you attempt to get the right information from the right person rachelle loyear experienced these struggles for years before

she successfully revamped and reinvented her company's bcm program in the manager's guide to simple strategic service oriented business continuity she takes you through the practical steps to get your program back on track rachelle loyear understands your situation well her challenge was to manage bcm in a large enterprise that required hundreds of bc plans to be created and updated the frustrating reality she faced was that subject matter experts in various departments held the critical information she needed but few were willing to write their parts of the plan she tried and failed using all the usual methods to educate and motivate and even threaten departments to meet her deadlines finally she decided there had to be a better way the result was an incredibly successful bcm program that was adopted by bcm managers in other companies she calls it the three s's of bcm success which can be summarized as simple strategic service oriented loyear's approach is easy and intuitive considering the bcm discipline from the point of view of the people in your organization who are tasked to work with you on building the plans and program she found that most people prefer simple solutions when they are faced with something new and different strategic use of their time making their efforts pay off service to be provided lightening their part of the load while still meeting all the basic requirements these tactics explain why the 3s program works it helps you it helps your program and it helps your program partners loyear says if you follow the three s philosophy the number of plans you need to document will be fewer and the plans will be simpler and easier to produce i've seen this method succeed repeatedly when the traditional method of handing a business leader a form to fill out or a piece of software to use has failed to produce quality plans in a timely manner in the manager's guide to simple strategic service oriented

business continuity loyear shows you how to completely change your approach to the problems of bcm buy in find new ways to engage and support your bcm program partners and subject matter experts develop easier to use policies procedures and plans improve your overall relationships with everyone involved in your bcm program craft a program that works around the roadblocks rather than running headlong into them

The Manager's Guide to Simple, Strategic, Service-Oriented Business Continuity

2017-05-10

object oriented actionscript 3 0 teaches the theory and practice of object oriented programming oop with actionscript 3 0 assuming no serious programming experience the authors take you through the complete development cycle of object oriented flash applications and services this book demonstrates professional oop skills and techniques that are completely transferable to other programming languages and technologies including inheritance polymorphism managing classes component development consuming web services and much more it also includes cutting edge flash specific techniques such as actionscript programming techniques and animation and effects classes

Object-Oriented ActionScript 3.0

2007-09-01

dynamic service oriented environments soes are characterised by a

large number of heterogeneous service components that are expected to support the business as a whole the present work provides a negotiation based approach to facilitate automated and multi level service level management in an soe where each component autonomously arranges its contribution to the whole operational goals evaluation experiments have shown an increased responsiveness and stability of an soe in case of changes

Organic Service-Level Management in Service-Oriented Environments

2014-08-25

this comprehensive collection is a survey of research in object oriented databases offering a substantive overview of the field section introductions and over 40 research papers presented in their original scope and detail the balanced selection of articles presents a confluence of ideas from both the language and database research communities that have contributed to the object oriented paradigm the editors develop a general definition and model for object oriented databases and relate significant research efforts to this framework further the collection explores the fundamental notions behind object oriented databases semantic data models implementation of object oriented systems transaction processing interfaces and related approaches research and theory are balanced by applications to cad systems programming environments and office information systems

Advanced Concepts, Life Cycle Models and Tools for Object-oriented Software Development

1997

load oriented manufacturing control is unique as it gives comprehensive and self contained principles for the implementation of an appropriate production control technique of general applicability it is based on the funnel model a new approach to scheduling and scheduling control which has an extensive monitoring and diagnosis system its most important system components include throughput diagrams load oriented order release schedule oriented capacity planning and control the funnel model is getting increasing implementation in manufacturing companies it is available in numerous variants and is especially significant for the job shop and series production load oriented manufacturing control provides a large number of practical examples and is therefore relatively easy to understand it offers direct implementation of this new important technique in manufacturing scheduling and control

Readings in Object-Oriented Database Systems

1990

computer systems architecture provides it professionals and students with the necessary understanding of computer hardware it addresses the ongoing issues related to computer hardware and discusses the

solutions supplied by the industry the book describes trends in computing solutions that led to the current available infrastructures tracing the initial need for computers to recent concepts such as the internet of things it covers computers data representation explains how computer architecture and its underlying meaning changed over the years and examines the implementations and performance enhancements of the central processing unit cpu it then discusses the organization hierarchy and performance considerations of computer memory as applied by the operating system and illustrates how cache memory significantly improves performance the author proceeds to explore the bus system algorithms for ensuring data integrity input and output i o components methods for performing i o various aspects relevant to software engineering and nonvolatile storage devices such as hard drives and technologies for enhancing performance and reliability he also describes virtualization and cloud computing and the emergence of software based systems architectures accessible to software engineers and developers as well as students in it disciplines this book enhances readers understanding of the hardware infrastructure used in software engineering projects it enables readers to better optimize system usage by focusing on the principles used in hardware systems design and the methods for enhancing performance

Load-Oriented Manufacturing Control

2012-12-06

the explosive growth of application areas such as electronic commerce ent prise resource planning and mobile computing has profoundly and irreversibly changed our views on software systems nowadays

software is to be based on open architectures that continuously change and evolve to accommodate new components and meet new requirements software must also operate on different platforms without recompilation and with minimal assumptions about its operating environment and its users furthermore software must be robust and autonomous capable of serving a naive user with a minimum of overhead and interference agent concepts hold great promise for responding to the new realities of software systems they offer higher level abstractions and mechanisms which address issues such as knowledge representation and reasoning communication coordination cooperation among heterogeneous and autonomous parties perception commitments goals beliefs and intentions all of which need conceptual modelling on the one hand the concrete implementation of these concepts can lead to advanced functionalities e.g. in inference based query answering transaction control adaptive workflows brokering and integration of disparate information sources and automated communication processes on the other hand their rich representational capabilities allow more faithful and flexible treatments of complex organizational processes leading to more effective requirements analysis and architectural detailed design

Computer Systems Architecture

2016-08-19

this book approaches its subject matter by promoting concepts methods and solutions for the digital transformation of manufacturing through service orientation in holonic and agent based control with distributed intelligence the scientific theme of the book concerns manufacturing

as a service developed by virtualizing and encapsulating manufacturing resources activities and controls into cloud networked services in an open perspective that spans models from shop floor resource allocation to enterprise infrastructure sharing the papers included in the application space have a profound human dedication and aim at solving societal needs serving the partnership of the future people and industry in the era of society 5 0 the book s readership includes researchers and engineers working in manufacturing supply chains and logistics areas who innovate develop and use digital control solutions and students enrolled in engineering and service science programs

Agent-Oriented Software Engineering V

2005-01-25

i must confess that i stumbled upon the object oriented 00 world view during my explorations into the world of artificial intelligence ai in search of a new solution to the problem of building computer integrated manufacturing systems cim in 00 computing i found the constructs to model the manufacturing enterprise in terms of information a resource that is common to all activities in an organization it offered a level of modularity and the coupling binding necessary for fostering integration without placing undue restrictions on what the individual applications can do the implications of 00 computing are more extensive than just being a vehicle for manufacturing applications leaders in the field such as brad cox see it introducing a paradigm shift that will change our world gradually but as radically as the industrial revolution changed manufacturing

however it must be borne in mind that simply using an object oriented language or environment does not in itself ensure success in one s applications it requires a different way of thinking design discipline techniques and tools to exploit what the technology has to offer in other words it calls for a paradigm shift as defined by kuhn in the structure of scientific revolution a classic text in the history of science

Inside System Storage: Volume II (Paperback)

2021-07-28

data structures in java is a continuation of nell dale s best selling introduction to java and software design text data structures is designed for students who have already taken one semester of computer science and are able to take a problem of medium complexity write an algorithm to solve the problem code the algorithm in a programming language and demonstrate the correctness of their solution the focus is on teaching computer science principles with chapter concepts being reinforced by case studies the object oriented concepts of encapsulation inheritance and polymorphism are covered while the book remains centered on abstract data types

Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the

Future

2012-12-06

this book offers a comprehensive reference guide to customer oriented product design and intelligence it provides readers with the necessary intelligent tools for designing customer oriented products in contexts characterized by incomplete information or insufficient data where classical product design approaches cannot be applied the respective chapters written by prominent researchers explain a wealth of both basic and advanced concepts including fuzzy qfd fuzzy fmea the fuzzy kano model fuzzy axiomatic design fuzzy heuristics based design conjoint analysis based design and many others to foster reader comprehension all chapters include relevant numerical examples or case studies taken together they form an excellent reference guide for researchers lecturers and postgraduate students pursuing research on customer oriented product design moreover by extending all the main aspects of classical customer oriented product design to its intelligent and fuzzy counterparts the book presents a dynamic snapshot of the field that is expected to stimulate new directions ideas and developments

Object-oriented Software for Manufacturing Systems

2002

power up your python with object oriented programming and learn how to write powerful efficient and re usable code object oriented

python is an intuitive and thorough guide to mastering object oriented programming from the ground up you ll cover the basics of building classes and creating objects and put theory into practice using the pygame package with clear examples that help visualize the object oriented style you ll explore the key concepts of object oriented programming encapsulation polymorphism and inheritance and learn not just how to code with objects but the absolute best practices for doing so finally you ll bring it all together by building a complex video game complete with full animations and sounds the book covers two fully functional python code packages that will speed up development of graphical user interface gui programs in python

Object-oriented Data Structures Using Java

2020-03-19

group projects in a problem oriented setting is a general introduction to the process in which students are involved when they work with problem oriented projects in groups it is also an introduction to the products which must be generated and developed throughout the project how does one get from the initial idea phase to the formulation of the problem and the aim of the project and onwards to implementation how can one initiate and strengthen the writing process how can the group strengthen their collaboration and how might they handle conflicts how should a literature search be conducted how do you make correct references and how can the sources be managed critically what is important in communication both written and oral including giving a good presentation and finally how do we ensure optimal and sustained learning from the process

the book offers numerous suggestions and answers to these questions one of the aims of the book is to illustrate and emphasize the differences and connections between process and product which in turn strengthens the planning development and implementation of project work the mix of qualified advice and general guidelines in addition to highlighting the more formal academic requirements makes group projects in a problem oriented setting a useful handbook it can function as both a source of inspiration as well as a tool for students who are either starting a project or who are already experiencing difficulties the book s target group is students in both bachelor and master programmes while the examples in the book are taken from natural and life sciences it can still be useful for students in other fields

Customer Oriented Product Design

2022-01-25

digital factory is a comprehensive approach providing methodologies models and tools that support manufacturing enterprises in the rearrangement of their organizational structures to deal with expected changes in manufacturing processes and markets digital factory for human oriented production systems investigates the impact of the digital factory through a consideration of the entire product process lifecycle and the broad network of product engineering material and component suppliers manufacturing equipment suppliers and customers involved in current and next generation manufacturing it covers the utilization and integration of human body ergonomics models production system discrete event simulation 3d virtual and

augmented reality visualization collaborative design tools automatic data capture and knowledge management systems based on semantic web ontologies integrated by a continuous data management the coverage of various types of factory and manufacturing phases representations and simulations allows researchers in academia and industry to perform a dynamic analysis and up to date modeling of the processes involved digital factory for human oriented production systems describes the tools that allow a move towards the integrated digital factory and underlines the business impact that companies can obtain by adopting these tools as well as benefiting international organizations the proposed methodologies and technologies have also been developed in order to facilitate their adoption by small or medium sized businesses making them relevant to all product engineers and managers who want improve the efficiency and effectiveness of their enterprises

Object-Oriented Python

2012

this volume provides a platform for localized perspectives on csr in developing countries across the globe the chapters bring local context and business to the forefront and highlight the efforts spearheaded by indigenous actors from within the developing world they present insights from developing countries through successful and less successful examples of locally led csr efforts together these perspectives capture the complex paradoxes of csr in developing countries and highlight common features in national institutions across the developing world such as weak political and regulatory

institutions that shape local csr initiatives and often limit its developmental impact the editors argue the need to embrace partnership models that leverage the strengths of different actors to promote effective development and tackle the complex challenges facing the developing world this important series will be the reference source for academics practitioners policy makers and ngos involved in development oriented csr

Group-Projects in a Problem-Oriented Setting

2011-07-10

Digital Factory for Human-oriented Production Systems

2017-09-08

Development-Oriented Corporate Social Responsibility: Volume 2

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