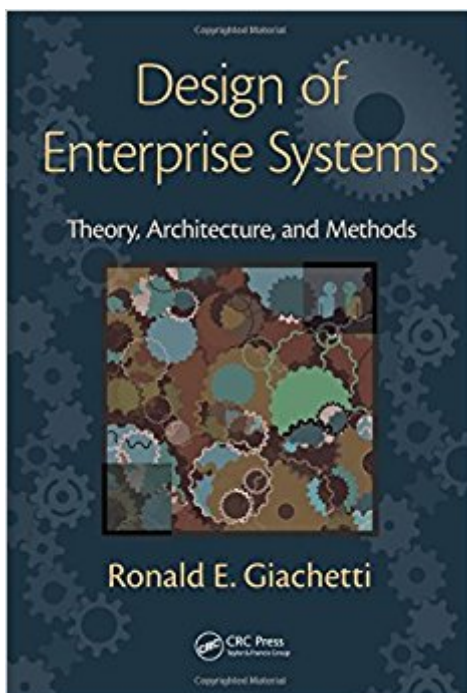The book was found

Design Of Enterprise Systems: Theory, Architecture, And Methods

Synopsis

In practice, many different people with backgrounds in many different disciplines contribute to the design of an enterprise. Anyone who makes decisions to change the current enterprise to achieve some preferred structure is considered a designer. What is problematic is how to use the knowledge of separate aspects of the enterprise to achieve a globally optimized enterprise. The synthesis of knowledge from many disciplines to design an enterprise defines the field of enterprise engineering. Because enterprise systems are exceedingly complex, encompassing many independent domains of study, students must first be taught how to think about enterprise systems. Specifically written for advanced and intermediate courses and modules, Design of Enterprise Systems: Theory, Architecture, and Methods takes a system-theoretical perspective of the enterprise. It describes a systematic approach, called the enterprise design method, to design the enterprise. The design method demonstrates the principles, models, methods, and tools needed to design enterprise systems. The author uses the enterprise system design methodology to organize the chapters to mimic the completion of an actual project. Thus, the book details the enterprise engineering process from initial conceptualization of an enterprise to its final design. Pedagogical tools available include: For instructors: PowerPointÃ Â® slides for each chapter Project case studies that can be assigned as long-term projects to accompany the text Quiz questions for each chapter Business Process Analyzer software available for download For students: Templates, checklists, forms, and models to support enterprise engineering activities   The book fills a need for greater design content in engineering curricula by describing how to design enterprise systems. Inclusion of design is also critical for business students, since they must realize the import their decisions may have on the long-term design of the enterprises they work with. The bookÃ¢â ¬â„¢s practical focus and project-based approach coupled with the pedagogical tools gives students the knowledge and skills they need to lead enterprise engineering projects.

Book Information

Hardcover: 448 pages

Publisher: CRC Press; 1 edition (January 27, 2010)

Language: English

ISBN-10: 1439818231

ISBN-13: 978-1439818237

Product Dimensions: 7 x 1 x 10 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars 7 customer reviews

Best Sellers Rank: #111,149 in Books (See Top 100 in Books) #64 inÃ Â Books > Computers & Technology > Hardware & DIY > Design & Architecture #135 inÃ Â Books > Business & Money > Management & Leadership > Project Management > Business #224 inÃ Â Books > Business & Money > Management & Leadership > Information Management

Customer Reviews

Ronald E. Giachetti is an Associate Professor of Engineering Management at Florida International University in Miami, Florida. Prior to joining FIU in 1998, he worked at the National Institute of Standards and Technology in Gaithersburg, Maryland. He conducts research in enterprise systems, operations research, and information systems. He has completed projects for government agencies, including NSF, the US Air Force, and NASA.

Design of Enterprise Systems: Theory, Architecture, and MethodsDesign of Enterprise Systems is simple and straight to the point. The information provided is well documented and summarized. The author provides various examples which give you a solid base to understand the concepts thoroughly. At the end of each chapter there are concept and exercise questions that will help you verify your knowledge of the subject matter. The only thing missing in this book is that the exercise problems do not include potential solutions. While I do understand that Designing an Enterprise System depends on the problem and point of view of the observer, having a general guide to answering the exercises would have been helpful.From my point of view, this book was designed well for students; guiding them step-by-step through different topics. For professionals, the book also stands as a useful reference guide.This books includes the following chapters: Enterprise Engineering, systems theory, modeling concepts, Enterprise design methodology, Enterprise architecture, Enterprise analysis and design methodology, strategy, problem formulation and requirements, generate and evaluate alternatives, process modeling, queuing theory, process design, information modeling, information design, organization design, enterprise technology and integration.I highly recommend it for anyone studying enterprise systems. However, if you are new to this topic the only problem would be the lack of answers to the exercise questions.

Great text that is very practical in it's approach to train and assist designers of enterprise systems. Fantastic reference on enterprise design to have on your shelf.

Not a very good book at all. This publisher has a hard time getting good writers. If you have a choice, find another book.

perfect

Must of been wet.

good

Hey mister what are you tryin to pull? After using your book in my class my professor now thinks Im a nerd and scored me an A and now i have a stellar GPA all because of this book. Guess I'm gonna hav'ta accept a lucrative job offer as a system's engineer now and put off welfare and xbox 360. You think i'm talking about hard work?!? Im "Lazy College Senior," you may have seen my pictures. When this book arrived the cover was attached to the book upside down. I am not kidding. The cover was crisp and clean, as was the spine and all the content of the book was correct, each sheet was cleaner and crisper than the one before it. The only thing was the cover was attached upside down. When i used the book, it looked like was clowning around with an upside down book. The Professor kept calling on me to answer questions because of this and rather than admit the problem with the book, I responded to the the queries verbatim, right out of the the book.Yes, I was forced to follow along with the lectures, I was not willing to let this guy win. The Professor did not waiver and neither did I. Each day he thought i was mocking the Establishment, but really i was just trying to get the guy off my back so i could get back to falling asleep as was my regular routine throughout my creditor funded college endowment. Turns out not only does the guy teach right out of the book, he also tests right outta the book (open book, open notes). So There i am, seemingly indignant, book upside down, each and every exam. You should have seen the look on his face. Thing is, i had already answered most of the questions in class trying to fend the guy off. I can only imagine the smug face as he marked my answers correct, forcing me to grade perfect 100%'s and even exempting me from the final exam. Like i couldn't even skip it on my own volition or plead the 5th amendment!?! There was even a cute girl in the class who asked me to be her study buddy, i told her sternly "Backoff, people don't copy off me! I COPY OFF OTHER PEOPLE." Truth is no one was willing to share with the guy who breaks the grading curve. Look if you like reading and stuff get this book, whatever, hope you enjoy your $250K+ income tax hike you lousy 1%'er. If you like sleeping in and eating cocoa puffs at noon on weekdays after your parents go to work, stay far away.

Design of Enterprise Systems: Theory, Architecture, and Methods inside: Architecture and Design: A guide to the practice of architecture (what they don't teach you in architecture school) Enterprise Software Architecture and Design: Entities, Services, and Resources The Engineering Design of Systems: Models and Methods (Wiley Series in Systems Engineering and Management) Landscape architecture design theory and methods: Modern, Postmodern & Post-postmodern, including Landscape Ecological Urbanism & Geodesign Making Design Theory (Design Thinking, Design Theory) Design, When Everybody Designs: An Introduction to Design for Social Innovation (Design Thinking, Design Theory) Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) An Introduction to Enterprise Architecture: Third Edition Patterns of Enterprise Application Architecture Implementing Enterprise Risk Management: From Methods to Applications (Wiley Finance) Enterprise Systems for Management (2nd Edition) Theory in Landscape Architecture: A Reader (Penn Studies in Landscape Architecture) Rendering in SketchUp: From Modeling to Presentation for Architecture, Landscape Architecture, and Interior Design Unconventional Computing: Design Methods for Adaptive Architecture Case Study Research: Design and Methods (Applied Social Research Methods) Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Recent Advances in the Theory of Chemical and Physical Systems: Proceedings of the 9th European Workshop on Quantum Systems in Chemistry and Physics ... in Theoretical Chemistry and Physics) Architecture and Systems Ecology: Thermodynamic Principles of Environmental Building Design, in three parts The Engineering Design of Systems: Models and Methods