Introduction to Business Architecture This book is positioned as a series of books on enterprise architecture, and is targeted at both university students and practitioners with a drive to increase their understanding of these elds. As an introductory book, this book aims to explore the concept of enterprise architecture. At a glance, writing such an introductory book might seem as a straightforward task of setting up a structure and filling in the "blanks." However, writing this book turned out to be a pleasant journey of discovery. Based on our past experiences, each of us had a clear understanding of enterprise architecture, but the present understanding of the eld is much more varied.

Outcome-Driven Business Architecture Enterprises, from small to large, evolve continuously. As a result, their structures are transformed and extended continuously. Without some means of control, such changes are bound to lead to an overly complex, uncoordinated and heterogeneous environment that is hard to manage and hard to adapt to future changes. Enterprise Architecture provides a means to direct transformations of enterprises. As a consequence, architectural principles should serve as the cornerstone of any architecture effort.

Software Architecture for Business Architects is to put the tools and techniques of enterprise business architecture into the daily work of software architecture. This book is positioned as a "little big book for game changers," enabling you to take the next steps and begin to reap the benefits that other organizations are already achieving. Either way, you will no longer be left out of the discussion and ready to take action the next time the topic of business architecture enters the conversation.

Look no further for the answers on business architecture; they are right here in this "little big book for game changers." This Quick Guide will put you to a wealth of additional resources that will enable you to take the next steps and begin to reap the benefits that other organizations are already achieving.

Either way, you will no longer be left out of the discussion and ready to take action the next time the topic of business architecture enters the conversation.

The Art of Enterprise Information Architecture Enterprise Architecture is the discipline of managing the complexities of the Business-IT landscapes. It has been around since the 1960s, when for the first time computers were connected in networks, and the already serious (and unsolved) problem of the complexity of computer programs for relatively simple business needs turned into the huge problem of large networks of them in complex business landscapes. In spite of many 'best practices' and frameworks that have been introduced, Enterprise Architecture is not a great success. After thirty years, we still have the same problems with incompetent projects, failed business (architectural) investments, and a more realistic perspective that helps us to the complexities and unpredictabilities of today's Business-IT landscapes is described. Practical suggestions about enterprise architecture based on real-world experience with the described approach, complete case from general management to IT professionals, everyone who is confronted with the problem of managing Business-IT landscapes can profit from this book. Whether you are a seasoned IT professional or an aspiring APAC capability manager, or a senior IT executive, the book will lead you to a wealth of additional resources that will enable you to take the next steps and begin to reap the benefits that other organizations are already achieving.
Collaborative Enterprise Architecture Large and small architecture firms alike will appreciate this survey of the broad array of promotional materials that can help design professionals increase business. The well-designed print and electronic materials shown here, brochures, books, slide shows, Web sites, and multimedia presentations serve as the foundation for enhancing their own publications, whether designed in-house or out.

Foreword The chapters in this book are contributed by visionaries who see the need for business leaders to define their organizations to be agile and robust in the face of external changes. The goal is to build something knowing that it will be changed; so that you have no need to go back to the metaphorical drawing board for every market condition change. In his Foreword, Keith Swanen asks you, “Consider what it means to say that the business will adapt in the face of external changes. The business architecture is not simply a model that specifies how to run the business for now and the next few years. The people making the architecture cannot know the pressures that will be faced. Instead, it must support leaders and executives within the organization to make consistently good decisions on how to adapt their practices. The architecture is not a plan that anticipates all the decisions; instead it embodies a set of core guiding principles that enable decision-making.” Understand that the term “business” used this way is not limited to for-profit enterprises but includes all forms of organizations that have a strategic need to accomplish goals. Pragmatically speaking, business architecture is the conceptual understanding that people have on why particular choices were made in forming the organization in a particular way. This book will help you understand your options and how to relate them to your own organization.

Enterprise Business Architecture Enterprise Architecture (EA) is an essential part of the fabric of a business; however, EA also transcends and transforms technology and moves it into the business space. Therefore, EA needs to be discussed in an integrated, holistic, and comprehensive manner. Only such an integrated approach to EA can provide the foundation for a transformation that readiness the business for the myriad enterprise-wide challenges it will face. Highly disruptive technologies such as Big Data, Machine Learning, and Mobile and Cloud Computing require a fine balance between their business and technical aspects as an organization moves forward with its digital transformation. This book focuses on preparing all organizations — large and small -- and those wishing to move into them for the impact of leveraging these emerging, disruptive, and innovative technologies within the EA framework.

The Art of Network Architecture Technologists who want their ideas heard, understood, and funded are often told to speak the language of business—without really knowing what that is. This book’s toolkit provides architects, product managers, technology managers, and executives with a shared language—in the form of repeatable, practical patterns and templates—to help create great technology strategies. Author Elsen Heel describes 59 patterns over the course of a decade in his work as CTO, CEO, and chief architect for several global tech companies. With these proven tools, you can define, create, elaborate, refine, and communicate your architecture goals, plans, and approach in a way that executives can readily understand, approve, and execute. This book covers: Architecture and strategy: Adopt a strategic architectural mindset to make a meaningful material impact Creating your strategy: Define the components of your technology strategy using proven patterns Communicating the strategy: Convey your technology strategy in a compelling way to a variety of audiences Bringing it all together: Employ patterns individually or in clusters for specific problems; use the complete framework for a comprehensive strategy.

Launching an Enterprise Business Architecture Practice: A Playbook for Getting Started Modeling Enterprise Architecture with TOGAF explains everything you need to know to effectively model enterprise architecture with The Open Group Architecture Framework (TOGAF), the leading EA standard. This solution-focused reference presents key techniques and illustrative cases to help you model enterprise architecture. This book describes the TOGAF standard and its structure, from the architecture transformation method to governance, and presents enterprise architecture modeling practices with plenty of examples of TOGAF deliverables in the context of a case study. Although widespread and growing quickly, enterprise architecture is delicate to manage across all its dimensions. Focusing on the architecture transformation method, TOGAF provides a wide framework, which covers the repository, governance, and a set of recognized best practices. The examples featured in this book were released using the open-source Modelio tool, which includes extensions for TOGAF. Includes intuitive summaries of the complete TOGAF standard to let you effectively model enterprise architecture Uses practical examples to illustrate ways to adapt TOGAF to the needs of your enterprise Provides example models with Modelio, a free modeling tool, letting you exercise TOGAF modeling immediately using a dedicated modeling tool Combines existing modeling standards with TOGAF

An Introduction to Enterprise Architecture A guide to business architecture provides information on how to successfully create and maintain business models. Business Architecture Driven by the need and desire to reduce costs, organizations are faced with a set of decisions that require analytical scrutiny. Enterprise Architecture A to Z: Frameworks, Business Process Modeling, SOA, and Infrastructure Technology examines cost-saving trends in architecture planning, administration, and management. To establish a framework for discussion, this book begins by evaluating the role of Enterprise Architecture Planning and Service-Oriented Architecture (SOA) modeling. It provides an extensive review of the most widely deployed architecture framework models. In particular, the book discusses The Open Group Architecture Framework (TOGAF) and the Zachman Architectural Framework (ZAF) in detail, as well as formal architectural standards and all four layers of these models: the business architecture, the information architecture, the solution architecture, and the technology architecture. The first part of the text focuses on the upper layers of the architecture framework, while the second part focuses on the technology architecture. In this second section, the author presents an assessment of storage technologies and networking and addresses regulatory and security issues. Additional coverage includes high-speed communication mechanisms such as Ethernet, WAN and Internet communication technologies, broadband communications, and chargeback models. Mike DeMott has written a number of columns and books on the high-tech industry and has many years of technical hands-on and managerial experience at computer companies and telecom/networking providers. He brings a wealth of knowledge and practical experience to these pages. By reviewing the strategies in this book, CIOs, CTOs, and senior managers are empowered by a set of progressive approaches to designing state-of-the-art IT data centers.

Architecture Principles This book gathers together a critical body of knowledge on how enterprise architecture (EA) is or can be used to better organize the functions systems across an enterprise for an effective business-IT alignment. The chapters provide a solid foundation for a cross-disciplinary professional practice.

Data Management at Scale A solid introduction to the practices, plans, and skills required for developing a smart system architecture information architecture combines IT skills with business skills in order to align the IT structure of an organization with the mission, goals, and objectives of its business. This textbook helps architects walk you through the myriad issues and complex decisions that many organizations face when setting up IT systems to work in sync with business procedures. Veteran IT professional and author Ken Heusman explains the business value behind IT architecture and provides you with an action plan for implementing IT architecture procedures in an organization. You’ll explore the many challenges that organizations face as they attempt to use technology to enhance their business's productivity so that you can gain a solid understanding of the elements that are required to plan and create an architecture that meets specific business goals. Defines IT architecture as a blend of IT skills and business skills that focuses on business optimization, business architecture, business management, and organizational structure Unveils and examines every topic within IT architecture including network, system, data, services, applications, and more Addresses the challenges that organizations face when attempting to use technology architecture to enable profitability and business continuity While companies look to technology more than ever to enhance productivity, you should look to IT Architecture For Dummies for guidance in this field.

Sustainable Enterprise Architecture Organizational complexity is an unavoidable aspect of all businesses, even larger ones, which can hinder their ability to react to sudden or disruptive change. However, with the implementation of enterprise architecture (EA), businesses are able to provide their leaders with the resources needed to address any arising challenges. A Systemic Perspective to Managing Complexity with Enterprise Architecture highlights the current advances in utilizing enterprise architecture for managing organizational complexity. By demonstrating the value and usefulness of EA, this book serves as a reference for business leaders, managers, engineers, enterprise architects, and many others interested in new research and approaches to business complexity.

Enterprise Architecture at Work This title is the Study Guide for the TOGAF® Business Architecture Part 1: Examination. It gives an overview of each learning objective for the TOGAF Business Architecture Syllabus and in-depth coverage on preparing and taking the TOGAF Business Architecture Part 1 Examination. It is specifically designed to help individuals prepare for certification. This Study Guide is excellent material for: - Individuals who require knowledge and understanding of TOGAF Business Architecture techniques - Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery, and operation - Architects who are looking to achieve the TOGAF Business Architecture Level 1 credential - Architects who want to specialize in development of a Business Architecture based on the TOGAF Standard, Version 9.2 This book provides: The Fundamentals of Business Architecture - Level 1 Understanding - industry professionals - TOGAF Business Architecture 9.2 - architects based on the TOGAF Standard, Version 9.2 A print knowledge of Enterprise Architecture is advantageous but not required. While reading this Study Guide, the reader should also refer to the TOGAF Standard, Version 9.2 documentation (manual), available as hard copy and eBook, from www.vanharen.net and online booksellers, and also available online at www.opengroup.org.

Business Architecture Based on an extensive research project done by the author in the United States, Britain, Germany, France, Switzerland, Sweden, and Austria from December 1999 to June 2001, Enterprise Architecture and New Generation Information Systems focuses on four main themes: Next Generation Information Technology The Likely Technologies

Chess and the Art of Enterprise Architecture

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