

Business Architecture Guide Body Of Knowledge

Continuous improvements in digitized practices have created opportunities for businesses to develop more streamlined processes. This not only leads to higher success in day-to-day production, but it increases the overall success of businesses. Enterprise Information Systems and the Digitalization of Business Functions is a key resource on the latest advances and research for a digital agenda in the business world. Highlighting multidisciplinary studies on data modeling, information systems, and customer relationship management, this publication is an ideal reference source for professionals, researchers, managers, consultants, and university students interested in emerging developments for business process management.

The Enterprise Architecture Management (EAM) discipline deals with the alignment of business and information systems architectures. While EAM has long been regarded as a discipline for IT managers, this book takes a different stance: It explains how top executives can use EAM to leverage their strategic planning and controlling processes, as well as how it can contribute to their sustainable competitive advantage. Based on the analysis of best practices from eight leading European companies from various industries, the book presents the crucial elements of successful EAM. It outlines what executives need to do in terms of governance, processes, methodologies, and culture in order to bring their management to the next level. Beyond this, the book points out how EAM could develop in the next decade, thus allowing today 's managers to prepare for the future architecture management.

This book constitutes the proceedings of the 8th Enterprise Engineering Working Conference, EEWC 2018, held in Luxembourg, Luxembourg, in May/June 2018. EEWC aims at addressing the challenges that modern and complex enterprises are facing in a rapidly changing world. The participants of the working conference share a belief that dealing with these challenges requires rigorous and scientific solutions, focusing on the design and engineering of enterprises. The goal of EEWC is to stimulate interaction between the different stakeholders, scientists as well as practitioners, interested in making Enterprise Engineering a reality. The 9 full papers and 3 short papers presented in this volume were carefully reviewed and selected from 24 submissions. They were organized in topical sections named: on architecture; on security and blockchain; on DEMO; and on teaching.

Maybe you heard someone mention business architecture in a passing conversation or in a planning meeting? Perhaps you've heard stories of a financial services company in Scandinavia, government agencies in the UK, a bank in the Netherlands, a global shipping company, or a major U.S. airline using business architecture to enact strategic change or drive business transformation. Or perhaps in-house strategy, transformation, planning, product, or customer experience teams have suggested you adopt or support in-house business architecture efforts. The business architecture drumbeat is steadily growing louder, yet you still cannot figure out what people are talking about. Well, the wait is over. The Business Architecture Quick Guide will help you sort through the noise and disinformation, focus on the benefits, and take the next steps. The Quick Guide has a singularly focused purpose: to demystify business architecture for those business professionals likely to benefit from it the most. The Quick Guide represents the collective experiences of a worldwide community of practice, courtesy of the Business Architecture Guild(R), and not just another opinion piece or the musings of a single individual. Look no further for the answers on business architecture; they are right here in this "little big book for game changers." The Quick Guide will point 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.

Architectural Leadership for Competitive Business Value

The TOGAF® Standard, 10th Edition – Architecture Development Method

8th Enterprise Engineering Working Conference, EEWC 2018, Luxembourg, Luxembourg, May 28 – June 1, 2018, Proceedings

A Handbook of Business Transformation Methodology

Enterprise Architecture A Professional Practice Guide

Encyclopedia of Information Science and Technology, Fourth Edition

This document is the TOGAF Standard – Introduction and Core Concepts. It has been developed and approved by The Open Group, and is part of the TOGAF Standard, 10th Edition. This document introduces the standard, including an executive overview of Enterprise Architecture, a description of how the standard is organized, and a summary of core concepts. It also contains the material common to the individual documents that comprise the standard, such as the definitions, as well as document references and abbreviations. It covers the following topics: • An introduction to the standard, including an executive overview of Enterprise Architecture • A description of the TOGAF documentation set, describing the contents of the standard and the supporting TOGAF Library • The core concepts that apply across the TOGAF Standard • The terms and definitions that apply across the TOGAF Standard • A glossary of supplementary definitions The TOGAF Standard is intended for Enterprise Architects, Business Architects, IT Architects, Data Architects, Systems Architects, Solution Architects, and anyone responsible for the architecture function within an organization. Other audiences are Digital and Agile Practitioners, Product Managers, and C-Suite. These audiences will find more detailed guidance on how to apply the standard to fulfill specific needs in the TOGAF Series Guides.

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 Swenson 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.

Lankhorst and his co-authors present ArchiMate® 3.0, enterprise modelling language that captures the complexity of architectural domains and their relations and allows the construction of integrated enterprise architecture models. They provide architects with concrete instruments that improve their architectural practice. As this is not enough, they additionally present techniques and heuristics for communicating with all relevant stakeholders about these architectures. Since an architecture model is useful not only for providing insight into the current or future situation but can also be used to evaluate the transition from 'as-is' to 'to-be', the authors also describe analysis methods for assessing both the qualitative impact of changes to an architecture and the quantitative aspects of architectures, such as performance and cost issues. The modelling language presented has been proven in practice in many real-life case studies and has been adopted by The Open Group as an international standard. So this book is an ideal companion for enterprise IT or business architects in industry as well as for computer or management science students studying the field of enterprise architecture. This fourth edition of the book has been completely reworked to be compatible with ArchiMate® 3.0, and it includes a new chapter relating this new version to the standard. New chapters on capability analysis, risk analysis, and business architecture in general have also been introduced.

This document is a compilation of TOGAF Series Guides addressing Business Architecture. It has been developed and approved by The Open Group and is part of the TOGAF Standard, 10th Edition. It consists of the following documents: TOGAF® Series Guide: Business Models This document provides a basis for Enterprise Architects to understand and utilize business models, which describe the rationale of how an organization creates, delivers, and captures value. It covers the concept and purpose of business models and highlights the Business Model Canvas™ technique. TOGAF® Series Guide: Business Capabilities, Version 2 This document answers key questions about what a business capability is, and how it is used to enhance business analysis and planning. It addresses how to provide the architect with a means to create a capability map and align it with other Business Architecture viewpoints in support of business planning processes. TOGAF® Series Guide: Value Streams Value streams are one of the core elements of a Business Architecture. This document provides an architected approach to developing a business value model. It addresses how to identify, define, model, and map a value stream to other key components of an enterprise's Business Architecture. TOGAF® Series Guide: Information Mapping This document describes how to develop an Information Map that articulates, characterizes, and visually represents information that is critical to the business. It provides architects with a framework to help understand what information matters most to a business before developing or proposing solutions. TOGAF® Series Guide: Organization Mapping This document shows how organization mapping provides the organizational context to an Enterprise Architecture. While capability mapping exposes what a business does and value stream mapping exposes how it delivers value to specific stakeholders, the organization map identifies the business units or third parties that possess or use those capabilities, and which participate in the value streams. TOGAF® Series Guide: Business Scenarios This document describes the Business Scenarios technique, which provides a mechanism to fully understand the requirements of information technology and align it with business needs. It shows how Business Scenarios can be used to develop resonating business requirements and how they support and enable the enterprise to achieve its business objectives.

Masterclass Enterprise Architecture Management

The TOGAF® Standard, 10th Edition – Business Architecture

Enterprise Architecture

Architecting the Business for Consistency and Alignment

Information technology FBI needs an enterprise architecture to guide its modernization activities.

Advances in Conceptual Modeling

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, the book serves as a reference for business leaders, managers, engineers, enterprise architects, and many others interested in new research and approaches to business complexity.

This book constitutes revised papers from the twelve International Workshops held at the 17th International Conference on Business Process Management, BPM 2019, in Vienna, Austria, in September 2019. The third International Workshop on Artificial Intelligence for Business Process Management (AI4BPM) The third International Workshop on Business Processes Meet Internet-of-Things (BP-Meet-IoT) The 15th International Workshop on Business Process Intelligence (BPI) The first International Workshop on Business Process Management in the era of Digital Innovation and Transformation (BPMInDIT) The 12th International Workshop on Social and Human Aspects of Business Process Management (BPMSS2) The 7th International Workshop on Declarative, Decision and Hybrid approaches to processes (DEC2H) The second International Workshop on Methods for Interpretation of Industrial Event Logs (MIEL) The first International Workshop on Process Management in Digital Production (PM-DiPro) The second international Workshop on Process-Oriented Data Science for Healthcare (PODS4H) The fourth International Workshop on Process Querying (PQ) The second International Workshop on Security and Privacy-enhanced Business Process Management (SPBP) The first International Workshop on the Value and Quality of Enterprise Modelling (VENMo) Each of the workshops discussed research still in progress and focused on aspects of business process management, either a particular technical aspect or a particular application domain. These proceedings present the work that was discussed during the workshops.

In recent years, the world has experienced a profound shift and progression. These emerging advancements have developed at a rapid pace, discombobling into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical science, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

bull. Written by expert practitioners who have hands-on experience solving real-world problems for large corporations bull. Helps enterprise architects make sense of data, systems, software, services, product lines, methodologies, and much more bull. Provides explanation of theory and implementation with real-world business examples to support key points

Software Architecture for Business

The Arrival of Business Architecture

ER 2016 Workshops, AHA, MoBID, MORE-BI, MRoBA, QMMQ, SCME, and WM2SP, Gifu, Japan, November 14-17, 2016, Proceedings

The Art and Practice of Business Transformation

The TOGAF® Standard, 10th Edition - Content, Capability, and Governance

Enterprise Information Systems and the Digitalization of Business Functions

This book constitutes the refereed proceedings of seven workshops and a symposium, held at the 35th International Conference on Conceptual Modeling, ER 2016, in Gifu, Japan. The 19 revised full and 3 keynote papers were carefully reviewed and selected out of 52 submissions to the following events: Conceptual Modeling for Ambient Assistance and Healthy Ageing, AHA 2016; Modeling and Management of Big Data, MoBID 2016; Modeling and Reasoning for Business Intelligence, MORE-BI 2016; Conceptual Modeling in Requirements and Business Analysis, MREBA 2016; Quality of Models and Models of Quality, QMMQ 2016; and the Symposium on Conceptual Modeling Education, SCME 2016; and Models and Modeling on Security and Privacy, WM2SP 2016.

This document is the Enterprise Agility and Digital Transformation TOGAF Series Guide Set. It contains two TOGAF Series Guides that have been developed and approved by The Open Group, and is part of the TOGAF Standard, 10th Edition. TOGAF® Series Guide: Enabling Enterprise Agility This document is designed to help Enterprise Architects requiring information on how to adapt and use the TOGAF framework to support an Agile enterprise. It covers the following topics: • An introduction to the topic, including what is meant by agility, the role of Enterprise Architecture, and how it relates to agility • The terms and definitions used in the document • The TOGAF Architecture Development Method (ADM) and how that relates to agility • How architecture activities can be structured to support agility • How to execute Enterprise Architecture in an Agile environment TOGAF® Series Guide: Using the TOGAF® Standard in the Digital Enterprise This document is written those undertaking the roles of both Enterprise Architect and Digital Practitioner. For Digital Practitioners, it communicates what architecture practices would help to grow their digital enterprise, and how to interact with the Enterprise Architecture community to get them. For those undertaking an Enterprise Architect role, it provides guidance on supporting the digital enterprise. It covers the following topics: • A high-level introduction to how established Enterprise Architecture practices bring value to digital enterprises at all scales • How Enterprise Architecture and the TOGAF Standard bring valuable tools to digital enterprises of all sizes • Alignment of terminology between the TOGAF Standard and the Digital Practitioner Body of Knowledge™ • Applying Enterprise Architecture and the TOGAF Standard to the contexts described in the DPBoK™ Standard

This textbook provides a hands-on introduction to enterprise architecture management. It guides the reader through the applications of methods and tools to typical business problems by presenting enterprise architecture frameworks and by sharing experiences from industry. The structure of the book represents the typical stages of the journey of an enterprise architect. Chapter 1 addresses the central question of what to achieve with the introduction of an enterprise architecture. Chapter 2 then introduces concepts and visualizations for business architecture that help with understanding the business. In chapter 3 the development of an application architecture is outlined, which provides transparency on information systems and their business context. Next, chapter 4 presents visual tools to analyze, improve and eventually optimize the application landscape. Chapter 5 discusses both traditional organizational as well as collaborative approaches to enterprise architecture management. Eventually, several established enterprise architecture frameworks like TOGAF®, Zachman, ArchiMate, and IAF are described in chapter 6. The book concludes with a summary and an outlook on future research potential in chapter 7. Based on their experiences through several years of teaching, the authors introduce students step-by-step to enterprise architecture development and management. Their book is intended as a guide for master classes at universities and provides lots of exercises and references for further reading.

This book outlines the proceedings of two events held at the CAISE conference and relating to the areas of enterprise, business process and information systems modeling: The 20th International Conference on Business Process Modeling, Development and Support, BPMDS 2019, and the 24th International Conference on Evaluation and Modeling Methods for Systems Analysis and Development, EMMSAD 2019. The conferences took place in Rome, Italy, in June 2019. The 7 full and 2 short papers accepted for BPMDS were carefully reviewed and selected from a total of 20 submissions; for EMMSAD 15 full papers were accepted from 38 submissions. The papers were organized in topical sections named as follows: BPMDS: large and complex business process modeling and development; execution and understandability of declarative process models; novel approaches in enterprise modeling; transformative business process modeling, development, and support. EMMSAD: foundations of modeling and method engineering; enterprise process and capability modeling; information systems and requirements modeling; domain-specific and ontology modeling; and evaluation of modeling approaches.

Strategic Enterprise Architecture Management

Creating a Foundation for Business Execution

Advanced Methodologies and Technologies in Business Operations and Management

Enterprise Architecture at Work

TOGAF® Business Architecture Level 1 Study Guide

The Business Architecture Quick Guide: A Brief Guide for Gamechangers

As data management and integration continue to evolve rapidly, storing all your data in one place, such as a data warehouse, is no longer scalable. In the very near future, data will need to be distributed and available for several technological solutions. With this practical book, you'll learn how to migrate your enterprise from a complex and tightly coupled data landscape to a more flexible architecture ready for the modern world of data consumption. Executives, data architects, analytics teams, and compliance and governance staff will learn how to build a modern scalable data landscape using the Scaled Architecture, which you can introduce incrementally without a large upfront investment. Author Piethen Strengthoff provides blueprints, principles, observations, best practices, and patterns to get you up to speed. Examine data management trends, including technological developments, regulatory requirements, and privacy concerns Go deep into the Scaled Architecture and learn how the pieces fit together Explore data governance and data security, master data management, self-service data marketplaces, and the importance of metadata Based on an extensive study of the actual industry best practices, this book provides a systematic conceptual description of an EA practice and offers practically actionable answers to the key questions related to enterprise architecture.

Enterprise architecture defines a firm's needs for standardized tasks, job roles, systems, infrastructure, and data in core business processes. This book explains enterprise architecture's vital role in enabling - or constraining - the execution of business strategy. It provides frameworks, case examples, and more.

The rapid development of new Information Infrastructure combined with the increased user needs in specific areas of Information Technology (mostly related to Web applications) has created the need for designing new modeling techniques more innovative and targeted on specific areas of Information Systems in order to successfully model the rapidly changed environment, along with the newly introduced concepts and user requirements. Therefore, this book aims to introduce readers to a number of innovative Information modeling techniques. It is titled "Innovative Information Systems Modelling Techniques" and includes 9 chapters. The focus is on the exploration and coverage of the innovations of recently presented modeling techniques and their applicability on the Information Systems' modeling.

Business Architecture

Business Process Management Workshops

Modelling, Communication and Analysis

Advances in Enterprise Information Systems II

A Modern Approach to Business and IT Alignment

Enterprise, Business-Process and Information Systems Modeling

History has shown that having a competitive advantage is critical to the success and long-term viability of all organizations. However, creating and sustaining such an advantage is a challenge. Organizations must formulate a winning strategy, surpass competitors at implementing and executing it, and excel at adapting in response to internal and external events. Although organizations have applied numerous best practices to help them succeed in their strategic endeavors, they still face serious difficulties, which they can only surmount by adopting business architecture. The goal of this book is to describe what business architecture is; how it can help meet the challenge of formulating, implementing and executing an organization's strategy; and how to build and exploit a superior strategy management system that leverages business architecture.

This book presents a comprehensive overview of enterprise architecture management with a specific focus on the business aspects. While recent approaches to enterprise architecture management have dealt mainly with aspects of information technology, this book covers all areas of business architecture from business motivation and models to business execution. The book provides examples of how architectural thinking can be applied in these areas, thus combining different perspectives into a consistent whole. In-depth experiences from end-user organizations help readers to understand the abstract concepts of business architecture management and to form blueprints for their own professional approach. Business architecture professionals, researchers, and others working in the field of strategic business management will benefit from this comprehensive volume and its hands-on examples of successful business architecture management practices. ?

This book provides an integrative Business Transformation Management Methodology, the BTM2, with an emphasis on the balance between the rational aspects of transformation and the often underestimated emotional readiness of employees to absorb and accept transformation initiatives. Comprising four phases - Envision, Engage, Transform, and Optimize - the methodology integrates expertise from areas such as strategy, risk, and project management. Covering the formal and informal structures and roles needed for a successful transformation, the authors cover a wide range of theory to help understand the phenomenon of transformation. A '360-degree' view on what business transformation means and how to manage it successfully, this handbook is suitable for business executives dealing with organizational change. A range of illustrative case studies ensure this is also a valuable resource for academics interested in change and transformation management.

For many years now Enterprise Information Systems have been critical in helping businesses successfully navigate the global market. The development that started with design and implementation of integrated systems has evolved to incorporate a multitude of perspectives and ideas. The Enterprise Information Systems functionality extends from principally an ERP (Enterprise Resource Planning) system to a portfolio of standard systems including CRM (Customer Relationship Management) systems and SCM (Supply Chain Management) systems. Advances in Enterprise Information Systems II is divided into seven thematic sections, each exploring a distinct topic. In "Concepts in Enterprise Information Systems" the authors present new concepts and ideas for the field. "Cases in Enterprise Information Systems" introduces studies of enterprise information systems in an organizational context. "Business Process Management" is one of the major themes within enterprise information systems and "Designing Enterprise Information Systems" discusses new approaches to the design of processes and system and also deals with how design can be taken as a specific perspective. "Enterprise Information Systems in various domains" features generic studies that contribute to advancing the practical knowledge of the field as well as towards "Global Issues of Enterprise Information Systems". Finally, in "Emerging Topics in Enterprise Information Systems", new technologies and ideas are explored. Cloud computing in particular seems to be setting the agenda for future research in enterprise information systems. The book will be invaluable to academics and professionals interested in recent developments in the field of enterprise information systems.

Business and Dynamic Change

The SIM Guide to Enterprise Architecture

Business Architecture Management

Enterprise Architecture as Strategy

The Missing Link in Strategy Formulation, Implementation and Execution

A Practical Guide to Enterprise Architecture

Enterprise architecture is leading IT's way to the executive boardroom, as CIOs are now taking their place at the management table. Organizations investing their time, money, and talent in enterprise architecture (EA) have realized significant process improvement and competitive advantage. However, as these organizations discovered, it is one thing to acquire a game-changing technology but quite another to discover ways to use it well. A project of the Society for Information Management's Enterprise Architecture Working Group and edited by Leon A. Kappelman, the SIM Guide to Enterprise Architecture provides insights from leading authorities on EA, including John Zachman, Larry DeBoever, George Paras, Jeanne Ross, and Randy Hite. The book supplies a solid understanding of key concepts for effectively leveraging EA to redesign business processes, integrate services, and become an Information Age enterprise. Beginning with a look at current theory and frameworks, the book discusses the practical application of enterprise architecture and includes a wealth of best practices, resources, and references. It contains the SIM survey of IT organizations' EA activities, which provides important metrics for evaluating progress and success. Successful businesses exploit synergy among business functions and push the boundaries of process design. IT's cross-functional position uniquely qualifies it to lead process innovation. EA lets CIOs integrate technology with business vision and is the roadmap for implementing new systems, changing behavior, and driving value. This book explores the vision, foundation, and enabling technology required to successfully transform organizations with enterprise architecture.

This book contains all refereed papers that were accepted to the second edition of the « Complex Systems Design & Management » (CSDM 2011) international conference that took place in Paris (France) from December 7 to December 9, 2011. (Website: http://www.csdm2011.csdm.fr/). These proceedings cover the most recent trends in the emerging field of complex systems sciences & practices from an industrial and academic perspective, including the main industrial domains (transport, defense & security, electronics, energy & environment, e-services), scientific & technical topics (systems fundamentals, systems architecture& engineering, systems metrics & quality, systemic tools) and system types (transportation systems, embedded systems, software & information systems, systems of systems, artificial ecosystems). The CSDM 2011 conference is organized under the guidance of the CESAMES non-profit organization (http://www.cesames.net).

Businesses consistently work on new projects, products, and workflows to remain competitive and successful in the modern business environment. To remain zealous, businesses must employ the most effective methods and tools in human resources, project management, and overall business plan execution as competitors work to succeed as well. Advanced Methodologies and Technologies in Business Operations and Management provides emerging research on business tools such as employee engagement, payout policies, and financial investing to promote operational success. While highlighting the challenges facing modern organizations, readers will learn how corporate social responsibility and utilizing artificial intelligence improve a company's culture and management. This book is an ideal resource for executives and managers, researchers, accountants, and financial investors seeking current research on business operations and management.

Lucy, the Chief Marketing Officer, knew that her job was going to change. Her intention had been to get approval for some new ideas she'd had to strengthen their Enterprise Architecture, after having slowly lost a grip on it during the merger. During the meeting, however, it becomes apparent that the transformation of the organization to become more digital has caused chaos, and not only for her team. It is clear, despite all good intentions, that the transformation is failing. By the end of the meeting, she has agreed to help turn the situation around. After leading the initial reset of the Digital Transformation, Kathleen is suddenly the owner of the implementation. What follows is a journey of the typical problems faced by companies as they make decisions to deploy digital technologies. Kathleen proceeds to solve one problem after the other using guidance from the open digital standards of The Open Group to lay the foundation for deploying quality digital technology solutions at a faster pace.

The TOGAF® Standard, 10th Edition - Enterprise Agility and Digital Transformation

Data Management at Scale

BPM 2019 International Workshops, Vienna, Austria, September 1–6, 2019, Revised Selected Papers

20th International Conference, BPMDS 2019, 24th International Conference, EMMSAD 2019, Held at CAISE 2019, Rome, Italy, June 3–4, 2019, Proceedings

Innovative Information Systems Modelling Techniques

Launching an Enterprise Business Architecture Practice: A Playbook for Getting Started

This book illustrates the role of software architecture and its application in business. The author describes enterprise architecture along with business architecture to show the role of software architecture in both areas. The place of software architecture in business is outlined from many perspectives in this context. The book outlines quality attributes and how managers can use software architecture to build high quality products. Topics include business software architecture, dealing with qualities, achieving quality attributes, managing business qualities, software product line, Internet of Things (IoT), and Service Oriented Business Architecture. The book is intended to benefit students, researchers, software architects, and business architects. Provides quick and easy access to all the important aspects of software architecture in business; Highlights a wide variety of concepts of software architecture in a straightforward manner; for students, practitioners, or architects; Presents different applications of software architecture in business.

This document is a compilation of two documents within the TOGAF® Standard. It has been developed and approved by The Open Group, and is part of the TOGAF Standard, 10th Edition. The two documents in this set are: TOGAF Standard – Architecture Content This document describes The TOGAF Content Framework and a structured metamodel for architectural artifacts, the use of re-usable Architecture Building Blocks (ABRs), and an overview of typical architecture deliverables. TOGAF Standard – Enterprise Architecture Capability and Governance This document discusses the organization, processes, skills, roles, and responsibilities required to establish and operate an architecture function within an enterprise, and describes an Enterprise Architecture governance framework. The TOGAF Standard is intended for Enterprise Architects, Business Architects, IT Architects, Data Architects, Systems Architects, Solution Architects, and anyone responsible for the architecture function within an organization.

Strategy to Reality brings together a vast number of perspectives and experiences, offering business leaders the straight talk necessary to clarify, simplify, and humanize business architecture with Whynde Kuehn's practical and actionable approach. Whynde Kuehn's vision can be summed up in one word: big. She loves climbing mountains—physical and metaphorical—and her most successful summit can be found in Business Architecture, an aspect of business development that she has pioneered, explored, and mastered. She is a passionate guide for business architecture leaders and practitioners around the world who are motivated to achieve goals, implement effective strategies, and provide measurable results. Her approach can be implemented by organizations of any size: from an NGO, government organization, or Fortune 500 company, to a non-profit or startup. Within Strategy to Reality, Whynde Kuehn offers a well-informed, holistic view that can transform and reshape the world. She arms Business Architecture Practitioners and Strategy Execution Leaders with the in-house training and tools they need to close the gap between strategy and successful execution. Whynde outlines the very organization needs to build their own capacity for continuous change, and it is her goal that they reach their goals, while gaining the "vision" they need to see the clearest course of action and to weave it all together. It is Whynde Kuehn's goal to help the leaders of today and tomorrow build better organizations and unlock new ways of executing strategies, increasing collaboration, and creating value, growth, and profits. Those who seek to be a catalyst for change in their company, who relentlessly seek ways to do things better, and who always ask, "Why?" and "What if?" will find the strategies they need to exact that change in Strategy to Reality.

We are in a frenetic and a convoluted digital age. Every organisation strives to transform its business to stay competitive in this exponentially growing digital world. Digital transformation became pervasive and ubiquitous in all business ventures. This new norm of constant transformation requires architecting our business and underlying technology stacks rapidly. Establishing agile business architecture frameworks are fundamental requirements to achieve successful digital transformation outcomes. In this book, I attempt to share my knowledge and experience using a rigorous yet agile architectural method. My aim is to add accelerated value to the broader business architecture and digital transformation communities by focusing on the practical aspect with minimal emphasis on the theoretical aspect. The content in this book is based on my architectural thought leadership experience gained in multiple large business and enterprise architecture initiatives, focusing on business capabilities, digital transformation initiatives, and enterprise modernisation engagements, reflecting hard lessons learned in these applied settings. In this book I attempt to redefine the role of business architects as primary leaders for digital transformation programs. The content reflects my experience and observations from the field. As a caveat, this book is not based on theories in the traditional business architecture textbooks which may conflict with my experience. My beta readers found this as a unique guide reflecting reality from the field. Hope it adds new insights for your role in the business digital transformation initiatives.

Agile Business Architecture for Digital Transformation

Making the Impossible Possible for Business Architects: Change Makers and Strategy Execution Leaders

Proceedings of the Second International Conference on Complex Systems Design & Management CSDM 2011

The Turning Point: A Novel about Agile Architects Building a Digital Foundation

Strategy to Reality

Complex Systems Design & Management

This document is a compilation of three documents within the TOGAF® Standard. It has been developed and approved by The Open Group, and is part of the TOGAF Standard, 10th Edition. The three documents in this set are: • The TOGAF Standard – Architecture Development Method This document describes The TOGAF Architecture Development Method (ADM) — an iterative approach to developing an Enterprise Architecture. • The TOGAF Standard – ADM Techniques This document contains a collection of techniques available for use in applying the TOGAF approach and the TOGAF ADM. • The TOGAF Standard — Applying the ADM This document contains guidelines for adapting the TOGAF ADM to address the specific style of architecture required in a practical context. The TOGAF Standard is intended for Enterprise Architects, Business Architects, IT Architects, Data Architects, Systems Architects, Solution Architects, and anyone responsible for the architecture function within an organization.

This title is the Study Guide for the TOGAF® Business Architecture Part 1 Examination. It gives an overview of every 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; It covers the following topics:
- Business Modeling
- Business Capabilities
- Value Streams
- Information Mapping
- TOGAF Business Scenarios and how to apply them in development of a Business Architecture based on the TOGAF Standard, Version 9.2. A prior 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.

A Systemic Perspective to Managing Complexity with Enterprise Architecture

The TOGAF® Standard, 10th Edition — Introduction and Core Concepts

Enterprise Architecture Frameworks, Methods and Tools

The Practice of Enterprise Architecture

Challenges, Best Practices, and Future Developments

Advances in Enterprise Engineering XII