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Data Management: a gentle introduction -

Bas van Gils 2020-03-03

The overall objective of this book is to show that data management is an exciting and valuable

capability that is worth time and effort. More specifically it aims to achieve the following goals: 1. To give a “gentle” introduction to the field of DM by explaining and illustrating its core

concepts, based on a mix of theory, practical frameworks such as TOGAF, ArchiMate, and DMBOK, as well as results from real-world assignments. 2. To offer guidance on how to build an effective DM capability in an organization. This is illustrated by various use cases, linked to the previously mentioned theoretical exploration as well as the stories of practitioners in the field. The primary target groups are: busy professionals who “are actively involved with managing data”. The book is also aimed at (Bachelor’s/ Master’s) students with an interest in data management. The book is industry-agnostic and should be applicable in different industries such as government, finance, telecommunications etc. Typical roles for which this book is intended: data governance office/ council, data owners, data stewards, people involved with data governance (data governance board), enterprise architects, data architects, process managers, business analysts and IT analysts. The book is divided into three main

parts: theory, practice, and closing remarks. Furthermore, the chapters are as short and to the point as possible and also make a clear distinction between the main text and the examples. If the reader is already familiar with the topic of a chapter, he/she can easily skip it and move on to the next.

Legacy Systems - William M. Ulrich 2002
In *Legacy Systems: Transformation Strategies*, leading IT and business architecture consultant William Ulrich presents a step-by-step, phased roadmap to legacy transformation that maximizes business value, while minimizing cost, disruption, and risk. Transformation strategies, organizing disciplines, techniques, and tools reduce the risks of deploying the component-based architectures you need to stay competitive while maximizing the business value of core systems that work.

Enterprise Architecture at Work - Marc Lankhorst 2017-03-10
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 other standards. New sections on capability analysis, risk analysis, and business architecture in general have also been introduced.

The Business Architecture Quick Guide: A Brief Guide for Gamechangers - Business Architecture Guild 2018

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.

Архитектура предприятия. Учебник для бакалавриата и магистратуры - Евгений Зараменских 2022-05-13

Главная цель настоящего издания - помочь студентам, обучающимся по экономическим направлениям, овладеть знаниями в области архитектуры предприятия. В пособии излагается история развития архитектуры предприятия, рассматриваются современные практики и сформированные знания, основные компоненты архитектуры предприятия и метамоделли, а также процесс применения архитектурного подхода. Несомненными достоинствами данного издания являются четкость формулировок и методически выверенное изложение сложного учебного материала. Проверить

полученные теоретические знания студенты могут с помощью вопросов и заданий для самоконтроля. Настоящее издание будет полезно не только студентам вузов, обучающимся по программам академического бакалавриата и магистратуры, но и аспирантам, преподавателям, а также всем, кто интересуется вопросами развития архитектуры предприятия.

Masterclass Enterprise Architecture Management - Jürgen Jung

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, Zachmann, 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 includes lots of exercises and

references for further reading.

Domain-Specific Conceptual Modeling -

Dimitris Karagiannis 2022

This book demonstrates the significance of domain-specific conceptual modeling through new research and development approaches that are manifested in each of the chapters. They include novel modelling methods and tools that emphasize the recent results accomplished and their adequacy to assess specific aspects of a domain. Each chapter offers detailed instructions on how to build models in a particular domain, such as product-service engineering, enterprise engineering, digital business ecosystems, and enterprise modelling and capability management. All chapters are enriched with case studies, related information, and tool implementations. The tools are based on the ADOxx metamodelling platform and are provided free of charge via OMiLAB. Furthermore, the book emphasizes possible future developments and potential research

directions. The collection of works presented here will benefit experts and practitioners from academia and industry alike, including members of the conceptual modeling community as well as lecturers and students.

Business Analyst - Adrian Reed 2018-07-18

Business analysis is a crucial discipline for organisational success. It is a broad field and has matured into a profession with its own unique career roadmap. This practical guide explores the business analyst role including typical responsibilities and necessary skills. It signposts useful tools and commonly used methodologies and techniques. A visual career roadmap for business analysts is also included, along with case studies and interviews with practising business analysts.

Emily's Rebellion - Lloyd Robinson

Emily is feeling rebellious. Emily – the embodiment of many young business people the authors have worked with on system projects – faces a wall of “you don’t understand how

complex it is". She is told: "You do not have enough experience to make changes", "Best we keep going with the current work the way it is", and "We will think about improvements later." Emily becomes disillusioned and disempowered. Emily's Rebellion presents a new method of removing the complexity from business processes and information systems called the 'Transaction Pattern'. Emily has learned about Service Design and loves it, but she needs a way to bridge the gap between her customer-focused service blueprint and the technical-minded developers. The Transaction Pattern is Emily's bridge. It breaks down a service design into transactions and then into a generic pattern of phases and tasks that commonly recur. This structured approach, based on the pattern, readily specifies business requirements for system development and process implementation. Emily's Rebellion seeks to embolden people like Emily who are required to inhabit the space between the everyday

operations of their business and technology 'improvement' and digitization projects. You can effect change today with simple steps - it does not have to be so complex. Walk with Emily as she discovers a new path to get better business outcomes from IT projects.

Enterprise Architecture at Work - Marc Lankhorst 2012-08-20

An enterprise architecture tries to describe and control an organisation's structure, processes, applications, systems and techniques in an integrated way. The unambiguous specification and description of components and their relationships in such an architecture requires a coherent architecture modelling language. Lankhorst and his co-authors present such an 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. *ArchiMate® 3.0.1 Specification* - The Open Group 2017-09-28
The ArchiMate® Specification, an Open Group

Standard, defines an open and independent modeling language for Enterprise Architecture that is supported by different tool vendors and consulting firms. The ArchiMate language enables Enterprise Architects to describe, analyze, and visualize the relationships among business domains in an unambiguous way. This book is the official specification of the ArchiMate 3.0.1 modeling language from The Open Group. ArchiMate 3.0.1 is a minor update to ArchiMate 3.0, containing the set of corrections from ArchiMate 3.0 Technical Corrigendum No. 1 (U172). This addresses inconsistencies and errors identified since the publication of Version 3.0 in June 2016. The ArchiMate Specification supports modeling throughout the TOGAF® Architecture Development Method (ADM). New features in Version 3 include elements for modeling the enterprise at a strategic level, such as capability, resource, and outcome. It also includes support to model the physical world of materials and equipment. Furthermore, the

consistency and structure of the language have been improved, definitions have been aligned with other standards, and its usability has been enhanced in various other ways. The intended audience is threefold: • Enterprise Architecture practitioners, such as architects (e.g., business, application, information, process, infrastructure, and, obviously, enterprise architects), senior and operational management, project leaders, and anyone committed to work within the reference framework defined by the Enterprise Architecture. • Those who intend to implement the ArchiMate language in a software tool; they will find a complete and detailed description of the language in this book. • The academic community, on which we rely for amending and improving the language, based on state-of-the-art research results in the Enterprise Architecture field.

Business Architecture - Pierre Hadaya
2017-03-23

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.

The Business Transformation Playbook -

Heath Gascoigne Mba 2019-01-31

Why do only 30% of business transformation projects deliver on time, on budget and scope,

realising the intended benefits while 70% fail?
This book uncovers HOBA(R) (House of Business Architecture(R)) Business Transformation framework and provides a practical guide that has helped organisations successfully implement their business transformation.

Togaf Business Architecture Level 1 Study Guide
- Van Haren Publishing 2019-09-15

'This title is the Study Guide for the TOGAF(R) 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. *Advanced Methodologies and Technologies in Business Operations and Management* - Khosrow-Pour, D.B.A., Mehdi 2018-09-14
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.

Business Architecture Management - Daniel

Simon 2015-04-22

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.

Ontology Engineering - Elisa Kendall 2022-05-31

Ontologies have become increasingly important as the use of knowledge graphs, machine learning, natural language processing (NLP), and the amount of data generated on a daily basis has exploded. As of 2014, 90% of the data in the digital universe was generated in the two years prior, and the volume of data was projected to grow from 3.2 zettabytes to 40 zettabytes in the next six years. The very real issues that government, research, and commercial organizations are facing in order to sift through this amount of information to support decision-making alone mandate increasing automation. Yet, the data profiling, NLP, and learning algorithms that are ground-zero for data integration, manipulation, and search provide less than satisfactory results unless they utilize terms with unambiguous semantics, such as those found in ontologies and well-formed rule sets. Ontologies can provide a

rich "schema" for the knowledge graphs underlying these technologies as well as the terminological and semantic basis for dramatic improvements in results. Many ontology projects fail, however, due at least in part to a lack of discipline in the development process. This book, motivated by the Ontology 101 tutorial given for many years at what was originally the Semantic Technology Conference (SemTech) and then later from a semester-long university class, is designed to provide the foundations for ontology engineering. The book can serve as a course textbook or a primer for all those interested in ontologies.

Enterprise, Business-Process and Information Systems Modeling - Iris

Reinhartz-Berger 2019-05-22

This book constitutes 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.

TOGAF® Business Architecture Level 1

Study Guide - Andrew Josey

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. BPM Everywhere - Nathaniel Palmer 2019-10-23 We are entering an entirely new phase of BPM - the era of "BPM Everywhere" or BPME. BPME represents the strategy for leveraging, not simply surviving but fully exploiting the wave of disruption facing every business over the next 5 years and beyond. Without question, one of the single most disruptive events in the last decade

was the introduction of the smartphone. Consider for a moment how great of an impact this has had on the relationship between businesses and their customers. Not even the emergence of the Web and Internet-based "digital native" business models can compare with the level of intimacy now available with your customers. In the era of the Internet of Things where smart homes, appliances, cars, phones, virtually imaginable devices are all connected, BPM must, and will, be everywhere. As Peter Whibley discusses in "The Internet of Things Will Be Invisible," by 2025 there are expected to be more than 26 billion or more connected devices. In the chapter "Digital Prescriptive Maintenance: Disrupting Manufacturing through IoT, Big Data, and Dynamic Case Management," Dr. Setrag Khoshafian introduces the "4 Vs" of "thing" data, specifically "Volume, Velocity, Variety and Value." From monitors and remote sensors, to appliances and vehicles, to tens of billions of

other “things,” connected devices are generating meaningful and informative data that would easily overwhelm any human being, but collectively they present critical context about processes and the state of operations. “Big Data” has never been so large, nor presented such an acute role within enterprises and the processes that drive them. BPME as well as traditional BPM methods can already be found at the center of this. Its role will grow exponentially. Emergent factors such as process mining (see chapter “Mining the Swarm” by Keith Swenson, et al.) will be critical for uncovering engagement patterns and the need for process management platforms to coordinate interaction and control of smart devices. It is intelligent BPM that is expanding the window of what can be automated, by enabling adaptable automation. The mobile strategies in far too many organizations seem to be the building of apps that presume that customers will use their smartphones like mini laptops. This avoids the

fact that we now have a level of intimacy with our customer we've never had before. As discussed in the chapter “BPM to Go - Supporting Business Processes in a Mobile and Sensing World,” our customers are carrying around a device that offers a range of capabilities unlike any laptop. A smartphone produces volumes of meaningful data about our customers (think about the “4Vs”) and is able to interact with that customer in ways that a laptop never can. The growing ubiquity of connectivity always within reach combined with new services and capabilities such as mobile banking is a key part of driving constantly-changing expectations. Yet digital disruption is not limited to mobile devices, and is in fact disrupting everywhere BPM is otherwise found, and why BPM everywhere is becoming the new normal. *Leading Change* - John P. Kotter 2012 Offers advice on how to lead an organization into change, including establishing a sense of urgency, developing a vision and strategy, and

generating short-term wins.

Take Charge Product Management: Time-Tested Tips, Tactics and Tools for the New Or Improved Product Manager - Greg Geracie
2010-07

Unlock your product management potential and achieve breakthrough performance for your products and company! If you're looking for an effective and proven approach to product management - one that recognizes that the majority of product managers enter the field with little or no training and must learn through trial and error - this is the book for you. Take Charge Product Management guides you step-by-step along the product management path with tips, tactics, and tools to make you and your products more successful. Whether you're a new or experienced product manager, or a seasoned executive leading a team of product managers, this hands-on guide arms you with best practices to optimize your time and effectiveness and increase your value. Learn how to:

- Understand

what's expected of you at each stage of your company's growth

- Add value to your organization by understanding your executives' expectations
- Evaluate the range of product management approaches available
- Gather the mission-critical information you need to succeed
- Develop an effective vision for your offering
- Align your organization behind your product decisions
- Form cross-functional teams and synchronize with the development team
- Shift from reactive to proactive product management
- Document your results

Encyclopedia of Information Science and Technology, Fourth Edition - Khosrow-Pour, D.B.A., Mehdi
2017-06-20

In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating 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 sciences, 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.

Information Systems Transformation -

William M. Ulrich 2010-02-04

Every major enterprise has a significant installed base of existing software systems that reflect the tangled IT architectures that result from decades of patches and failed replacements. Most of these systems were designed to support business architectures that have changed dramatically. At best, these systems hinder agility and competitiveness and, at worst, can bring critical business functions to a halt. Architecture-Driven Modernization (ADM) restores the value of entrenched systems by capturing and retooling various aspects of existing application environments, allowing old

infrastructures to deliver renewed value and align effectively with enterprise strategies and business architectures. Information Systems Transformation provides a practical guide to organizations seeking ways to understand and leverage existing systems as part of their information management strategies. It includes an introduction to ADM disciplines, tools, and standards as well as a series of scenarios outlining how ADM is applied to various initiatives. Drawing upon lessons learned from real modernization projects, it distills the theory and explains principles, processes, and best practices for every industry. Acts as a one-stop shopping reference and complete guide for implementing various modernization models in myriad industries and departments Every concept is illustrated with real-life examples from various modernization projects, allowing you to immediately apply tested solutions and see results Authored by the Co-chair of the Object Management Group (OMG) Architecture-

Driven Modernization (ADM) Task Force, which sets definitive systems modernization standards for the entire IT industry A web site supports the book with up to date coverage of evolving ADM Specifications, Tutorials, and Whitepapers, allowing you to remain up to date on modernization topics as they develop *Archimate(r) 3.1 Specification* - Van Haren Publishing 2020-02

The ArchiMate(R) Specification, a standard of The Open Group, defines an open and independent modeling language for Enterprise Architecture that is supported by different tool vendors and consulting firms. The ArchiMate language enables Enterprise Architects to describe, analyze, and visualize the relationships among business domains in an unambiguous way. This book is the official specification of the ArchiMate 3.1 modeling language from The Open Group. This edition of the standard includes a number of corrections, clarifications, and improvements to the previous edition, as

well as several additions. The main changes between Version 3.0.1 and Version 3.1 of the ArchiMate Specification are listed below. In addition to these changes, various other minor improvements in definitions and other wording have been made:

- Introduced a new strategy element: value stream
- Added an optional directed notation for the association relationship
- Improved the organization of the metamodel and associated figures
- Further improved and formalized the derivation of relationships

The intended audience is threefold: 1. Enterprise Architecture practitioners, such as architects (e.g., business, application, information, process, infrastructure, and, obviously, enterprise architects), senior and operational management, project leaders, and anyone committed to work within the reference framework defined by the Enterprise Architecture. 2. Those who intend to implement the ArchiMate language in a software tool; they will find a complete and detailed description of the language in this book. - The

academic community, on which we rely for amending and improving the language, based on state-of-the-art research results in the Enterprise Architecture field.

The TOGAF® Standard, 10th Edition - Business Architecture - The Open Group
2022-08-17

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.

Unleashed - Frances Frei 2020-06-02
The Power of Empowering Others Leadership isn't easy. It takes grit, courage, and vision,

among other things, that can be hard to come by on your toughest days. When leaders and aspiring leaders seek out advice, they're often told to try harder. Dig deeper. Look in the mirror and own your natural-born strengths and fix any real or perceived career-limiting deficiencies. Frances Frei and Anne Morriss offer a different worldview. They argue that this popular leadership advice glosses over the most important thing you do as a leader: build others up. Leadership isn't about you. It's about how effective you are at empowering other people—and making sure this impact endures even in your absence. As Frei and Morriss show through inspiring stories from ancient Rome to present-day Silicon Valley, the origins of great leadership are found, paradoxically, not in worrying about your own status and advancement, but in the unrelenting focus on other people's potential. *Unleashed* provides radical advice for the practice of leadership today. Showing how the boldest, most effective

leaders use a special combination of trust, love, and belonging to create an environment in which other people can excel, Frei and Morriss offer practical, battle-tested tools—based on their work with companies such as Uber, Riot Games, WeWork, and others—along with interviews and stories from their own personal experience, to make these ideas come alive. This book is your indispensable guide for unleashing greatness in other people . . . and, ultimately, in yourself. To learn more, please visit theleadersguide.com.

[Advances in Enterprise Engineering XII](#) - David Aveiro 2018-12-31

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.

Business Architecture - William Ulrich 2010

The Business Analyst's Handbook - Howard Podeswa 2009

One of the objectives of this book is to incorporate best practices and standards in to the BA role. While a number of standards and guidelines, such as Business Process Modeling Notation (BPMN), have been incorporated, particular emphasis has been placed on the Business Analysis Body of Knowledge (BABOK),

the Information Technology Infrastructure Library (ITIL), and the Unified Modeling Language (UML).

Knowledge in the Information Society - Daria Bylieva 2021-01-15

This book provides a snapshot of state-of-the-art interdisciplinary discussions in Russia about technology in the information society. New technologies are subject to original theoretical analysis, but there are also reflections on the practical experience of their application. The book covers a range of topics which includes human-technology interaction, education in digital reality, distance education due to COVID-19 quarantine measures, cognitive technologies, system analytics of information and communication technologies. The book collects contributions from philosophy, didactics, computer sciences, sociology, psychology, media studies, and law. It contains a selection of papers accepted for presentation at the XX International Conference «Professional Culture

of the Specialist of the Future» (26–27 November 2020, St. Petersburg) and the XII International Conference «Communicative Strategies of the Information Society» (23–24 October 2020, St. Petersburg).

Strategy to Reality - Whynde Kuehn

2022-07-05

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 believes that every 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 enact that change in Strategy to Reality.

Ekologistyka w systemie zarządzania odpadami niebezpiecznymi - Wit Bogdan 2016-06-30

Tematyka badawcza monografii obejmuje opis przedsięwzięć projektowych w logistyce, które są związane z działaniami poprawiającymi zdrowotną jakość życia obywateli poprzez zaprezentowanie koncepcji systemu logistycznego z rozwiązaniami sprzyjającymi realizacji trwałego, zrównoważonego rozwoju w gospodarce odpadami zawierającymi azbest. Na poziomie teoriopoznawczym wykorzystano transdyscyplinarne podejście do problemu badawczego w sześciu obszarach wkomponowanych w rozwiązania koncepcyjne logistyki: 1) logistykę, 2) zarządzanie interesariuszami, 3) modeli biznesu, 4) zrównoważonego rozwoju, 5) zdrowia publicznego, 6) technologii informacyjno-

komunikacyjnych. W warstwie aplikacyjnej przyjęto założenie, że wolne tempo usuwania azbestu ze środowiska wynika z barier związanych z niewłaściwym wykorzystaniem zasobów ludzkich, finansowych, rzeczowych, informacyjnych. Przedstawione wariantowe rozwiązania ekologiczne posiadają uzasadnienie biznesowe, uwzględniają zasadę zrównoważonego rozwoju i powinny skutkować efektywniejszym wykorzystaniem zasobów i związanych z nimi procesami logistycznymi w gospodarce odpadami niebezpiecznymi.

E-Business and Telecommunications -

Mohammad S. Obaidat 2021-10-30

The present book includes extended and revised versions of a set of selected papers presented at the 17th International Joint Conference on e-Business and Telecommunications, ICETE 2020, held as an online web-based event (due to the COVID-19 pandemic) in July 2020. ICETE 2020 is a joint conference aimed at bringing together researchers, engineers and practitioners

interested in information and communication technologies, including data communication networking, e-business, optical communication systems, security and cryptography, signal processing and multimedia applications, and wireless networks and mobile systems. The 10 full papers included in the volume were carefully selected from the 30 submissions accepted to participate in the conference.

Advances in Conceptual Modeling - Sebastian Link 2016-10-17

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.

Take Charge Product Management - Greg Geracie 2016-06-17

Unlock your product management potential and achieve breakthrough performance for your products and company! If you're looking for an effective and proven approach to product management - one that recognizes that the majority of product managers enter the field with little or no training and must learn through trial and error - this is the book for you. Take Charge Product Management guides you step-by-step along the product management path with tips, tactics, and tools to make you and your products more successful. Whether you're a new or experienced product manager, or a seasoned executive leading a team of product managers,

this hands-on guide arms you with best practices to optimize your time and effectiveness and increase your value. About the Author Greg Geracie is a recognized thought leader in the field of product management and the President of Actuation Consulting, the world's leading product management consulting and training organization. Actuation Consulting is a global provider of product management consulting, training, and advisory services to many of world's most well-known organizations. Greg is the author of two global best sellers Take Charge Product Management and The Guide to the Product Management and Marketing Body of Knowledge. He is also an adjunct professor at DePaul University's College of Computing and Digital Media where he teaches graduate and undergraduate courses on high-tech and digital product management. Greg is a former board member of the Business Architecture Guild where he contributed to the most recent version of the BIZBOK Guide. As an industry expert,

Greg has also been asked to contribute his product management expertise to a growing list of professional bodies of knowledge, including the Institute of Electrical and Electronics Engineers (IEEE) first ITBOK and the latest BABOK Guide. Greg is currently a member of the IEEE's Information Technology Committee.

Business and Dynamic Change - Keith D. Swenson 2019-10-23

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.

Managing Digital - Charles Betz

About This Book This book, "Managing Digital: Concepts and Practices", is intended to guide a practitioner through the journey of building a

digital-first viewpoint and the skills needed to thrive in the digital-first world. As such, this book is a bit of an experiment for The Open Group; it isn't structured as a traditional standard or guide. Instead, it is structured to show the key issues and skills needed at each stage of the digital journey, starting with the basics of a small digital project, eventually building to the concerns of a large enterprise. So, feel free to digest this book in stages — the section Introduction for the student is a good guide. The book is intended for both academic and industry training purposes. This book seeks to provide guidance for both new entrants into the digital workforce and experienced practitioners seeking to update their understanding on how all the various themes and components of IT management fit together in the new world. About The Open Group Press The Open Group Press is an imprint of The Open Group for advancing knowledge of information technology by publishing works from individual

authors within The Open Group membership that are relevant to advancing The Open Group mission of Boundaryless Information Flow™. The key focus of The Open Group Press is to publish high-quality monographs, as well as introductory technology books intended for the general public, and act as a complement to The Open Group Standards, Guides, and White Papers. The views and opinions expressed in this book are those of the author, and do not necessarily reflect the consensus position of The Open Group members or staff.

The Guide to the Product Management and Marketing Body of Knowledge - Greg Geracie
2013

Setting the Standard for Product Management and Marketing Many of the leading voices in the product management profession collaborated closely with working product managers to develop The Guide to the Product Management and Marketing Body of Knowledge (the ProdBOK(r) Guide). This effort was enhanced by

project management, user experience, and business analyst thought leaders who further defined and optimized several essential working relationships that improve product manager effectiveness. As a result of this groundbreaking collaboration within the product management community and across the adjoining professions, the ProdBOK Guide provides the most comprehensive view of product management and marketing as they apply to a wide range of goods and services. The resulting standard provides product managers with essential knowledge to improve the practice of product management and deliver organizational results. This edition of the ProdBOK Guide: Introduces a product management lifecycle for goods and services Encompasses and defines traditional product development processes such as waterfall, as well as newer approaches that fall under the Agile umbrella Illustrates the various inputs and outputs that product managers should consider at each phase of the product

management lifecycle Highlights how to optimize the working relationship between product management professionals and our counterparts in the project, program, portfolio management, user experience, and business analyst communities Describes essential tools that product managers should be aware of and utilize as they work to create value for their Organizations The ProdBOK Guide represents an industry-wide effort to establish a standard for the practice of product management. The book was sponsored by the Association of International Product Marketing and Management (AIPMM). Founded in 1998, AIPMM aims to help professionals like you attain a higher level of knowledge and enhance the results you bring to your organizations every day. About the Authors Greg Geracie is a recognized product management thought leader and the president of Actuation Consulting, a global provider of product management training, consulting, and advisory services to some of the

world's most well-known organizations. Greg is the author of the global best seller Take Charge Product Management and led the development of the ProdBOK Guide as editor-in-chief. He is also an adjunct professor at DePaul University in Chicago, Illinois. Steven D. Eppinger is professor of management science and innovation at the Massachusetts Institute of Technology (MIT) Sloan School of Management. Professor Eppinger teaches MIT's executive programs in product development and complex project management. He has co-authored a leading textbook, Product Design and Development (5th edition, 2012, McGraw-Hill), which is used by hundreds of universities around the world [Business Architecture](#) - Jonathan Whelan
2016-04-15

Organizations today exist in an environment of unprecedented change. They do so against a backdrop of a global, competitive marketplace, the fast-paced enablement of technology, amplified regulation and accelerating

organizational complexity. Many organizations are addressing change in a sub-optimal way and they are operating without a clear view of where their operational risks lie. It is these dynamics that are leading organizations to recognise and embrace Business Architecture. Despite this environment, Business Architecture can be a difficult 'sell' - it is often perceived to be abstract and lacking in tangible delivery. To succeed, Business Architecture must be pragmatic and, to be sustainable, it must focus on achieving long-term value and, at the same time, recognise the shorter-term tactical needs of the organisation. With these challenges in mind, this book provides a practical guide on

how to employ Business Architecture and how to build a balanced proposition that delivers value to a broad range of stakeholders. As the book states, Business Architecture should not be practised in isolation, nor should it be thought of as a one-off process; it needs to be woven into the fabric of the organization. And so the authors illustrate the opportunities for weaving the Business Architecture Practice into this fabric through the various stakeholders and life cycles that exist, both formally and informally, within an organization. Whilst recognizing best practice, this book explores a new, inspirational level of Business Architecture whilst acknowledging that the best way to realize the vision is one step at a time.