From Enterprise Architecture To It Governance Elements Of Effective It Management | 03d0dc259da6b22fc60dbc144784577e


Enterprise Architecture and Integration: Methods, Implementation and Technologies Pragmatic Enterprise Architecture is a practical hands-on instruction manual for enterprise architects. This book prepares you to better engage IT, management, and business users by equipping you with the tools and knowledge you need to address the most common enterprise architecture challenges. You will come away with a pragmatic understanding of and approach to enterprise architecture and actionable ideas to transform your enterprise. Experienced enterprise architect James V. Lising provides you with a comprehensive cycle of architectural artifacts, transaction path analysis frameworks, and more so you can save time, energy, and resources on your next big project. As an enterprise architect, you must have reliable frameworks and excellent communication skills to do your job. You must actively engage and support a large enterprise involving a hundred architectural artifacts, including a modest number of subject matter experts across business, information systems, controls, and operations architecture. They must achieve their mission using the influence of ideas and business benefits expressed in simple terms so that any audience can understand what to do and why. Pragmatic Enterprise Architecture gives you the tools to accomplish your goals in less time with fewer resources. Expand your Enterprise Architecture skills so you can do more in less time with less money with the priceless tips presented. Understand the cost of creating new Enterprise Architecture disciplines and contrast those costs to letting them go unmanaged Includes 10 life cycle architectures so that you can properly assess the ROI of performing activities such as outsourcing, insourcing, restructuring, mergers and acquisitions, and more Complete appendix of eight transaction path analysis frameworks provide DBA guidelines for proper physical database design

Handbook on Enterprise Architecture Many organizations struggle with the dynamics and the complexity of today's social ecosystems that connect everyone and everything, everywhere and all the time. Facing challenges at the intersection of business models, technical developments, and human needs, modern enterprises must overcome the siloed thinking and isolated efforts of the past and address their relationships to people holistically. In Intersection, Milan Guenther introduces a Strategic Design approach that aligns the overarching efforts of Branding, Enterprise Architecture, and Experience Design, and sets them on a common course to shape tomorrow's enterprises. This book gives designers, entrepreneurs, innovators, and leaders a model and a comprehensive vocabulary for tackling such deep-rooted challenges. The Enterprise Design framework cuts through the strategic Design work, showing how to navigate key aspects and bridge diverging viewpoints. In 9 case studies, the author looks at the way companies like SAP, BBVA, IKEA, and Jeppesen (a Boeing Company) apply design thinking and practice to shape their enterprises. Moving from strategy to conceptual design and concrete results, Intersection shows what is relevant at which point, and what expertise to involve. Teaches how to align business strategy with Brand Identity, Customer Experience, and Enterprise Architecture initiatives as a part of a consolidated enterprise-wide design practice to achieve stakeholder value Provides a framework for designing systems, products and services as the building blocks of a consistent and coherent experience for all stakeholders in the wider enterprise, joining strategic considerations with the delivery of tangible outcomes Explains how to make results such as websites, apps, objects, platforms, or environments part of a larger system that orchestrates enterprise touchpoints with people

Intersection This book is for advanced Force.com developers and architects who need to understand the Salesforce platform from the perspective of enterprise-level requirements. You should have an existing understanding of Apex and Visualforce. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com.

Enterprise Architecture at Work "The only officially supported guide to CEA—the #1 vendor-neutral enterprise architecture certification Written and authorized by the FEAC Institute, FEAC Certified Enterprise Architect CEA Study Guide offers complete coverage of all the material on the Certified Enterprise Architect exam. This book features hands-on projects using all major frameworks and methodologies and also serves as a highly practical resource for today's enterprise architect responsible for commissioning, overseeing, and performing architecture work in the federal, defense, and commercial sectors. FEAC Certified Enterprise Architect CEA Study Guide covers all objectives on the Certified Enterprise Architecture exam includes CD-ROM with CEA-oriented Practicums and an e-book Helps you master the topics and skills required to pass the challenging CEA exam Serves as a comprehensive reference on all components of an enterprise architecture Covers the proprietary Department of Defense (DoD) Architecture Framework 2.0 Contains realistic models that can be applied immediately by a practitioner regardless of the type of organization (government, civilian, commercial, etc.) Demystifies U.S. federal documentation to provide actionable methodologies and best practices to create and maintain successful EAs In-depth coverage: EA Basic Concepts; Enterprise Architecture; Planning the EA; Implementing the EA; Disseminating the EA; Maintaining the EA; Governing the EA; Using the EA; EA Modeling; EA in Government (FEA and FSAM); EA in Defense (DoDAF and DIA)  (Electronics); EA in the Commercial Sector; EA Tools and Repositories; Case Study: Civilian Airport"--

The Open Group Architecture Framework TOGAF™ Version 9 The Open Group Architecture Framework (TOGAF) is a framework—a detailed method and a set of supporting tools—for developing an enterprise architecture, developed by members of The Open Group Architecture Forum (www.opengroup.org/architecture). As a comprehensive, open method for enterprise architecture, TOGAF Version 9 complements, and can be used in conjunction with, other frameworks that are more focused on specific aspects of architecture or for vertical sectors such as Government, Defense, and Finance. TOGAF may be used freely by any organization wishing to develop an enterprise architecture for use within that organization (subject to the Conditions of Use). This book is divided into seven main parts: PART I (Introduction) This part provides a high-level introduction to the key concepts of enterprise architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout TOGAF and release notes detailing the changes between this version and the previous version of TOGAF. PART II (Architecture Development Method) This is the core of TOGAF. It describes the TOGAF Architecture Development Method (ADM) – a step-by-step approach to developing an enterprise architecture. PART III (ADM Guidelines & Techniques) This part contains a collection of guidelines and techniques available for use in applying TOGAF and the TOGAF ADM. PART IV (Architecture Content Framework) This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable architecture building blocks, and an overview of typical architecture deliverables. PART V (Enterprise Continuum & Tools) This part discusses appropriate taxonomies and tools to categorize and store the outputs of architecture within an enterprise. PART VI (TOGAF Reference Models) This part provides a selection of architectural reference models, which includes the TOGAF Foundation Architecture, and the Integrated Information Infrastructure Reference Model (III-RM). PART VII (Architecture Capability Framework) This part discusses the organization, processes, skills, roles, and responsibilities required to establish and operate an architecture function within an enterprise.

Force.com Enterprise Architecture Architectural coordination of enterprise transformation (ACET) integrates and aggregates local information and provides different viewpoints, such as financial, structural, or skill perspectives to the respective stakeholder groups, with the aim of creating a consensus and shared understanding of an enterprise transformation among the stakeholders. Its core purpose is to inform decision-makers with both local and enterprise-wide concerns so that the overall transformation goals can be successfully pursued, i.e. reducing inconsistencies and including local decisions in the overarching goals. This book consists of three major parts, framed by an introduction and a summary. To enable readers to gain a better understanding of the issues involved in real-world enterprise transformations as well as the possible role of architectural coordination and the associated challenges. Part I provides an analysis of status quo of corporate ACET practice. Part II then continues with an exploration of the challenges facing ACET from a theoretical perspective. Based on these challenges, Part III then presents a collection of components for a possible design theory for ACET. Instead of an integrated method, this collection of components constitutes method fragments that can be arranged in different ways depending on the perspective taken, the actual enterprise architecture management approach, the enterprise transformation type and the transformation's context.
Adaptive Cloud Enterprise Architecture Enterprise Business Architecture is the business of alignment. In the real world, your enterprise's strategic goals are thwarted by a long list of things: economic turmoil, increasing complexity, rapid business and technological change, cut-throat competition, ever rising costs, strategy confusion, chronic project failures, and the vexing phenomenon known as the Business-IT Gap. These forces throw your enterprise's strategic goals and strategic outcomes out of alignment. Unfortunately, there are no forces at work to actually bring an enterprise back into alignment. There are no silver bullets. This is why Enterprise Business Architecture is important, because: Enterprise Business Architecture is the only enterprise-scoped function dedicated to bringing all the parts of the enterprise into alignment with IT and enterprise strategy. The primary function of enterprise business architecture is to create alignment: by aligning business strategy with IT risks and opportunities; by aligning the strategic IT plan with the strategic business plan; by aligning business and IT tactical plans; by creating a value adding enterprise reference architecture; by aligning IT project, program, and change management plans with IT strategic and tactical plans and the reference architecture. Of course, to do this the enterprise business architect requires the right tools and techniques. The mission of The Art of Enterprise Architecture for Business Architects is to put the tools and techniques of enterprise business architecture into the hands of business architects so that they can: understand their business; create strategic alignment in their organizations; and help create organizations that generate value for their clients, shareholders, stakeholders, and employees.

Sun Certified Enterprise Architect for J2EE Technology Study Guide We are in a frenetic and a convoluted digital age. Every organization 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 enterprise 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.

The Practice of Enterprise Architecture Provides current developments, issues, and trends in enterprise architecture (EA). Provides insights into the impact of effective EA on IT governance, IT portfolio management, and IT outsourcing. The Practice of Enterprise Architecture is the only enterprise-scoped function dedicated to bringing all the parts of the enterprise into alignment with IT and enterprise strategy. The primary function of enterprise business architecture is to create alignment: by aligning business strategy with IT risks and opportunities; by aligning the strategic IT plan with the strategic business plan; by aligning business and IT tactical plans; by creating a value adding enterprise reference architecture; by aligning IT project, program, and change management plans with IT strategic and tactical plans and the reference architecture. Of course, to do this the enterprise business architect requires the right tools and techniques. The mission of The Art of Enterprise Architecture for Business Architects is to put the tools and techniques of enterprise business architecture into the hands of business architects so that they can: understand their business; create strategic alignment in their organizations; and help create organizations that generate value for their clients, shareholders, stakeholders, and employees.

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. Architecture and the quantitative aspects of architectures, such as performance and cost issues. The modelling language is used in practice in many real-life case studies and has been adopted by The Open Group as an international standard. So this

Agile Business Architecture for Digital Transformation Lankhorst and his co-authors present ArchiMate® 3.0, enterprise architecture, Integration and Interoperability and the Networked enterprise have become the theme of many conferences in the past few years. These conferences were organised by IFIP TC5 with the support of its two working groups: WG 5.12 (Architectures for Enterprise Integration) and WG 5.8 (Enterprise Interoperability), both concerned with aspects of the topic: how is it possible to architect and implement businesses that are flexible and able to change, to interact, and use one another's services in a dynamic manner for the purpose of (joint) value creation. The original question of enterprise integration in the 1980s was: how can we achieve and integrate - formation and material flow in the enterprise? Various methods and reference models were developed or proposed – ranging from tightly integrated monolithic system - chitectures, through cell-based manufacturing to on-demand interconnected business to share services or to jointly implement a service. One school of researchers addresses the technical aspects of creating dynamic (and static) interconnections between disparate businesses (or parts thereof).

Evaluating the Realization of Benefits from Enterprise Architecture Management - Construction and Validation of a Theoretical Model "Reaching the Pinnacle: A Methodology of Business Understanding, Technology Planning, and Change (Implementing and Managing Enterprise Architecture)" by Samuel B. Holcman explains the detailed process of building an enterprise architecture. Samuel B. Holcman brings his strategic business plans to business technology and enterprise professionals with "Reaching the Pinnacle: A Methodology of Business Understanding, Technology Planning, and Change (Implementing and Managing Enterprise Architecture)." In order to bring the method to the madness that can often be today's business structure, Holcman uses "Reaching the Pinnacle" to introduce the process of building an enterprise architecture. Holcman uses his 40 years of experience as a leading trainer and consultant in enterprise architecture writing "Reaching the Pinnacle." He explains enterprise architecture as the rethinking of how business planning and information technology work together in order to achieve strategic goals. "Reaching the Pinnacle" explains how an organization and its important departments can achieve their goals through a series of project initiatives. Holcman offers a simple, easy-to-understand way to implement an enterprise architecture project into one's organization. "While the approach is not quick - it may take up to a few years to transform an organization - my approach provides an effective way for moving the organization from its as-is state to its desired state in an iterative manner," says Holcman. Holcman's methods and approach have been used by numerous Fortune 500 companies and have led him to be the top consultant on the topic. He believes the 'for practitioners, by practitioners' approach of "Reaching the Pinnacle" will make the book a crucial resource among business and technology personnel everywhere. "Reaching the Pinnacle: A Methodology of Business Understanding, Technology Planning, and Change (Implementing and Managing Enterprise Architecture)" is available for sale online at Amazon.com, directly from the author at www.PinnacleBusGrp.com, and other channels. REVIEW COPIES AND INTERVIEWS AVAILABLE

Requirements Analysis Every enterprise architect faces similar problems when designing and governing the enterprise architecture of a medium to large enterprise. Design patterns are a well-established concept in software engineering, used to define universally applicable solution schemes. By applying this approach to enterprise architectures, recurring problems in the design and implementation of enterprise architectures can be solved over all layers, from the business layer to the application and data layer down to the technology layer. Inversini and Perroud describe patterns at the level of enterprise architecture, which they refer to as Enterprise Architecture Patterns. These patterns are motivated by recurring problems originating from both the business and the underlying application, or from data and technology architectures of an enterprise such as identity and access management or integration needs. The Enterprise Architecture Patterns help in planning the architectural and organizational landscape of an enterprise and its information technology, and are easily embedded into frameworks such as TOGAF, Zachman or FEA. This book is aimed at enterprise architects, software developers, program leaders, business consultants and everyone concerned with questions of IT and enterprise architecture and provides them with a comprehensive catalogue of ready-to-use patterns as well as an extensive theoretical framework to define their own patterns.

Agile Business Architecture for Digital Transformation Lankhorst and his co-authors present ArchiMate® 3.0, enterprise modelling language that captures the architecture of business 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 Practice of Enterprise Architecture Provides current developments, issues, and trends in enterprise architecture (EA). Provides insights into the impact of effective IT governance, IT portfolio management, and IT outsourcing.


The Art of Enterprise Architecture for Business Architects 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 modeling language from The Open Group. ArchiMate 3.0 is a major update to ArchiMate 2.1. The ArchiMate 3.0 Specification supports modeling throughout the TOGAF® Architecture Development Method (ADM). New features in Version 3.0 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.

I/T Architecture in Action Helps readers understand the goals of system architecture, design patterns, identify the appropriate JEE technologies and APIs, maximize security and scalability, and evaluate existing architectures.

Enterprise Architecture - The Eight Fundamental Factors This book presents a comprehensive and novel adaptive enterprise service systems approach to adapting, defining, operating, managing, and supporting (ADOMS) the adaptive cloud enterprise architecture. The adaptive cloud enterprise architecture provides a platform for creating the service-centric agile enterprise. This book is intended for enterprise strategists, enterprise architects, domain architects, solution architects, researchers, and anyone who has an interest in the enterprise architecture and cloud computing disciplines. Contents: Introduction Cloud-Enabled Enterprise Adaptation The Adaptive Enterprise Service System Metamodel The Adaptive Enterprise Service System Lifecycle Management Adapting Cloud Enterprise Architecture Capability Defining Cloud Enterprise Architecture Capability Operating Cloud Enterprise Architecture Capability Managing Cloud Enterprise Architecture Capability Supporting Cloud Enterprise Architecture Capability Case Study Examples Readership: Researchers, academics, professionals and students in software engineering, information sciences and networking. Keywords: Agility Agile Enterprise Architecture Cloud Computing Design Thinking Innovation Lightweight Enterprise Architectures "This book provides a detailed analysis of the important strategies for integrating I/T systems into fields such as e-business and customer-relationship management. It supplies readers with a comprehensive survey of existing enterprise architecture and integration approaches, and presents case studies that illustrate best practices, describing innovative methods, tools, and architectures with which organizations can systematically achieve enterprise integration"—Provided by publisher.

Principle Based Enterprise Architecture The book provides a comprehensive, practical, and applied perspective of the concept of Enterprise Architecture (EA), from its origins to the development and implementation, including institutionalisation of the concept. The book is designed to serve Enterprise Architects, IT Managers, Business Managers, Business Analysts, Chief Information Officers (CIO), Chief Executive Officers (CEO), and others who show interest in the development, implementation and institutionalisation of enterprise architecture (EA). Also, the book will be of significant interest to academics, students and researchers.

Reaching the Pinnacle Defining the various types of IT architecture in the industry, this one-of-a-kind resource highlights the rewards of becoming an architect and explores the details of the deliverables, project structure, and how to approach their creation. -- FEAC Certified Enterprise Architect CEA Study Guide This handbook is about methods, tools and examples of how to architect an enterprise through considering all life cycle aspects of Enterprise Entities. It is based on ISO15704:2000, or the GERMAR Framework. A wide audience is addressed, as the handbook covers methods and tools necessary to design or redesign enterprises, as well as those necessary to structure the implementation into manageable projects.

Sustainable Enterprise Architecture Architecture for the Intelligent Enterprise: Powerful New Ways to Maximize the Real-time Value of Information Tomorrow's winning "Intelligent Enterprises" will bring together far more diverse sources of data, analyze it in more powerful ways, and deliver immediate insight to decision-makers throughout the organization. Today, however, most companies fail to apply the information they already have, while grappling with the complexity and costs of their existing information environments. In this book, a team of IBM's leading information management experts guide you with their proven strategies that will take you from what you are today toward becoming an "Intelligent Enterprise." Drawing on their extensive experience working with enterprise clients, the authors present a new, information-centric approach to architecture and powerful new models that will benefit any organization. Using these strategies and models, companies can systematically unlock the business value of information by delivering actionable, real-time information in context to enable better decision-making throughout the enterprise -- from the "shop floor" to the "corporate floor." Covering your Enterprise Information Architecture from conceptual, logical, component, and operational views Using information architecture principles to integrate and rationalize your IT investments, from Cloud Computing to Information Service Lifecycle Management Applying enterprise Master Data Management (MDM) to bolster business risk management, and enhancing business performance optimization, governance, and security systems and processes Understanding "Information as a Service" and "Info 2.0," the information delivery side of Web 2.0 Enterprise Architecture A to Z This book is for business professionals interested in learning techniques for managing change in technology driven companies. It focuses on Bridging the gap between I/T and strategic management through the Enterprise Architecture function. Unlike many books about I/T, it is not about building things. Rather, it is about what business people can do with what I/T produces. The book you are about to read, I/T Architecture in Action, describes this balance. The author, Richard J. Reese, has done a fine job of blending business people with industry trends and facts in a book that is not too technical, yet well suited to today's technical leaders. As he says, this is a management book about technology, not a technology book that touches on management. Diane Ofrecioves, EVP/CTO Discover Financial Services LLC. An award winning leader in technology, Richard J. Reese is known for his ability to communicate technical topics to all levels of management. With nearly 30 years in I/T, he has worked as a senior leader in I/T Architecture for some of the largest companies in the world. Richard leads the Enterprise Architecture function at Discover Financial Services LLC (issuer of the Discover Card). He served as Vice President, Enterprise Architecture for W.W. Grainger, Inc., and was an Applications Architect for United Airlines. As an IBM employee, Richard achieved the designation of Certified I/T Architect in 1992 and was elected to serve on the I/T Architect Certification Board in 1993. Richard received his MBA from Loyola University of Chicago and a Bachelors Degree in Quantitative Information Science from Western Illinois University.

Pragmatic Enterprise Architecture Driven by the need and desire to reduce costs, organizations are faced with a set of decisions that require analytical scrutiny. Enterprise Architecture A to Z: Frameworks, Business Process Modeling, SOA, and Infrastructure Technology examines cost-saving trends in architecture planning, administration, and management. It discusses The Open Group Architecture Framework (TOGAF) and the Zachman Architectural Framework (ZAF) in detail, as well as formal architecture standards and all four layers of these models: the business architecture, the information architecture, the solution architecture, and the technology architecture.
this end, one must strive to always broaden knowledge of existing, as well as emerging trends and solutions. As a trade, this role demands an understanding beyond the specificities of technologies and vendor products

Advances in Government Enterprise Architecture What are the success criteria that will indicate that Enterprise Architecture Body of Knowledge objectives have been met and the benefits delivered? What are the compelling business reasons for embarking on Enterprise Architecture Body of Knowledge? Do you monitor the effectiveness of your Enterprise Architecture Body of Knowledge activities? How can you negotiate Enterprise Architecture successfully with a stubborn boss, an irate client, or a deceitful coworker? How can we improve Enterprise Architecture Body of Knowledge? Defining, designing, creating, and implementing a process to solve a business challenge or meet a business objective is the most valuable role in EVERY company, organization and department. Unless you are taking a one-time, single-use project within a business, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions and step back and say, "What are we really trying to achieve here? And is there a different way to look at it?" For more than twenty years, The Art of Service’s Self-Assessments empower people who can do just that: whether their title is marketer, entrepreneur, manager, salesperson, consultant, business process manager, executive assistant, IT Manager, CxO etc - they are the people who rule the future. They are people who watch the process as it forms, and ask the right questions to make the process work better. This book is for managers, advisors, consultants, specialists, professionals and anyone interested in Enterprise Architecture Body of Knowledge assessment. All the tools you need to an in-depth Enterprise Architecture Body of Knowledge Self-Assessment, featuring 693 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Enterprise Architecture Body of Knowledge improvements can be made. In using the questions you will be better able to: - diagnose Enterprise Architecture Body of Knowledge projects, initiatives, organizations, businesses and process Body Knexedy diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Enterprise Architecture Body of Knowledge and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Enterprise Architecture Body of Knowledge Scorecard, you will develop a clear picture of which Enterprise Architecture Body of Knowledge areas need attention. Included with your purchase of the book is the Enterprise Architecture Body of Knowledge Self-Assessment downloadable resource, which contains all questions and Self-Assessment areas of this book in a ready to use Excel dashboard, including the self-assessment, graphic insights, and project planning automation - all with examples to get you started with the assessment right away. Access instructions can be found in the book. You are free to use the Self-Assessment contents in your presentations and materials for customers without asking us - we reserve the right to sell the book.

TOGAF® Version 9 – A Pocket Guide The author developed Lightweight Enterprise Architecture (LEA) to enable a quick alignment of technology to business strategy. LEA’s simple and effective framework makes it useful to a wide audience of users throughout an enterprise, coordinating resources for business requirements and facilitating optimal adoption of technology. Lightweight Enterprise Architectures provides a methodology and philosophy that organizations can easily adopt, resulting in immediate value-add without the pitfalls of traditional architectural styles. This systematic approach uses the right balance of tools and techniques to help an enterprise successfully develop its architecture. The first section of the text focuses on how enterprises deploy architecture and how architecture is an evolving discipline. The second section introduces LEA, detailing a structure that supports architecture and benefits all stakeholders. The book concludes by explaining the approach needed to put the framework into practice, analyzing deployment issues and how the architecture is involved throughout the lifecycle of technology projects and systems. This innovative tool provides you with a simpler, easily executable architecture, the ability to embrace a complex environment, and a framework to measure and control technology at the enterprise level.

Enterprise Architecture Body of Knowledge ArchiMate®, an Open Group Standard, is an open and independent modeling language for Enterprise Architecture that is supported by different tool vendors and consulting firms. ArchiMate provides instruments to enable enterprise architects to describe, analyze, and visualize the relationships among business domains in an unambiguous way. This book provides the official specification of ArchiMate 2.0 from The Open Group. ArchiMate 2.0 is an upwards-compatible evolution from ArchiMate 1.0 adding new features, as well as addressing usage feedback. The ArchiMate 2.0 Standard supports modeling throughout the TOGAF® Architecture Development Method (ADM). The intended audience is threefold: Enterprise Architecture practitioners, such as architects (e.g., application, information, process, infrastructure, and, obviously, enterprise architects), senior and operational management, project leaders, and anyone committed to working within the reference framework defined by the Enterprise Architecture. Those who intend to use ArchiMate 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 architecture field.

Enterprise Architecture Planning The Principle Based Enterprise Architecture (PBEA) Method is a proven approach for implementing an enterprise-wide architecture practice in large- and medium-sized technology organizations. The method begins with a set of architecture objectives linked to concepts that matter to the business. It then lays out how to build technology platforms from components we call assets and how to manage those assets over time, through the calculation and management of technical debt. The PBEA method is a pragmatic approach to enterprise technology architecture which is based on the fundamental tenet that technology is never perfect, compromises must be made, and one of the most valuable decisions an enterprise architecture group can provide for a company is a method for managing those compromises. We call the cost of these compromises "technical debt". It is essentially the difference between what we should have spent on technology and what we did spend. The PBEA method grew from the experience of watching how large technology organizations function (or do not function as the case may be). You will learn about such essential topics as: Best practices for building, managing, and ultimately evolving an enterprise architecture. Defining principles and golden rules to guide the high-quality creation of the building blocks of products and platforms (assets). Calculating technical debt and assessing the business risk associated with carrying that debt. Identifying and managing the actions required to pay off technical debt and mitigate any associated business risk. If you have witnessed products and platforms 'crashing under the burden of technical debt', then this book is for you. If you have seen technology organizations fail to learn from their mistakes, then this book is also for you. If you have been involved in the development of products where Version 2 required almost a rewrite of Version 1 or worked in technology organizations that spend an excessive portion of their budget on maintenance, then the PBEA method may provide both insight and benefit. Or if you are an enterprise architect and have witnessed one or more Enterprise Architecture functions get eliminated because they were seen as 'too ivory tower' and too distant from the customer, then this book will provide you with a concrete, fact-based approach for building an enterprise architecture function that is fully aligned with business objectives and that delivers real measurable benefit to the corporation.

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

Enterprise Architecture DE pocket guide over TOGAF versie 9 Met uitgebreide begrijpendejst Omschijnbaar voor wie in het Nederlands over TOGAF wil kunnen praten Nederlandse overheid gebruikt TOGAF als standaard, deze pocket is een uitstekende introductie

Enterprise Architecture, Integration and Interoperability 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.

The Art of Enterprise Information Architecture 'Enterprise Architecture - the Eight Fundamental Factors' is an invaluable guide providing practical advice, examples and case studies that show how successful enterprise architects make a real difference. The fundamental factors described here are true for all enterprise architecture (EA) approaches. You will find them in The Open Group Architecture Framework (TOGAF), the Zachman Framework, and in every other EA methodology or framework. The book provides a combined, integrated EA approach. It shows exactly how these factors are used in practice, and it demonstrates this with details drawn from a wide-range of typical EA initiatives. The first edition was published in 2003 under the title "Information First."

ArchiMate® 3.0 Specification A solid introduction to the practices, plans, and skills required for developing a smart system architecture. Information architecture combines IT skills with business skills in order to align the IT structure of an organization with the mission, goals, and objectives of its business. This friendly introduction to IT architecture walks you through the myriad issues and complex decisions that many organizations face when setting up IT systems to work in sync with business procedures. Veteran IT professional and author Kirk Hausman explains the business value behind IT architecture and provides you with an action plan for implementing IT architecture procedures in an organization. You'll explore the many challenges that organizations face as they attempt to use technology to
enhance their business's productivity so that you can gain a solid understanding of the elements that are required to plan and create an architecture that meets specific business goals. Defines IT architecture as a blend of IT skills and business skills that focuses on business optimization, business architecture, performance management, and organizational structure Unicovers and examines every topic within IT architecture including network, system, data, services, application, and more Addresses the challenges that organizations face when attempting to use information technology to enable profitability and business continuity While companies look to technology more than ever to enhance productivity, you should look to IT Architecture For Dummies for guidance in this field.

Architectural Coordination of Enterprise Transformation Architecture and Patterns for IT Service Management, Resource Planning, and Governance: Making Shoes for the Cobbler's Children provides an independent examination of developments in Enterprise Resource Planning for Information. Major companies, research firms, and vendors are offering Enterprise Resource Planning for Information Technology, which they label as ERP for IT, IT Resource Planning and related terms. This book presents on-the-ground coverage of enabling IT governance in architectural detail, which can be used to define a strategy for immediate execution. It fills the gap between high-level guidance on IT governance and detailed discussions about specific vendor technologies. It provides a unique value chain approach to integrating the COBIT, ITIL, and CMM frameworks into a coherent, unified whole. It presents a field-tested, detailed conceptual information model with definitions and usage scenarios, mapped to both process and system architectures. This book is recommended for practitioners and managers engaged in IT support in large companies, particularly those who are information architects, enterprise architects, senior software engineers, program/project managers, and IT managers/directors.

An Introduction to Enterprise Architecture Uses case studies to explain the concept of enterprise architecture, and how to develop an enterprise architecture management plan in your organisation.

Enterprise Architecture Thousands of software projects are doomed because they're based on a faulty understanding of the business problem that needs to be solved. Requirements Analysis: From Business Views to Architecture is the solution. David C. Hay brings together the world's best requirements analysis practices from two key viewpoints: system development life cycle and architectural framework. Hay teaches you the complete process of defining an architecture - from a full understanding of what business people need to the creation of a complete enterprise architecture.

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