
Enterprise Architecture Program

Gartner Inc

What is Enterprise Architecture (EA) and why is it important? EA concepts explained in a simple way. What is Enterprise Architecture? A 6 minute explanation. Gartner customers's choice distinction 2021 for enterprise architecture tools! Book Review: Enterprise Architecture at Work Enterprise Architecture Roadmapping in 2020 Starting an Enterprise Architecture Program Enterprise Architecture concepts - Gartner's framework and comparisons Bizdesign Horizon Schaeffler Enterprise Architecture presentation at Gartner event Gartner on Enterprise Architecture Solution vs Enterprise Architecture Tutorial Enterprise architecture roadmapping with TOGAF 9.1 - OPEN GROUP WEBINAR Chess And The Art Of Enterprise Architecture Enterprise Architecture 101 Enterprise Architecture - What does an Enterprise Architect do? (GAO, TOGAF, FEAF) Week 6 7 EA Frameworks (Zachman, TOGAF \u0026amp; Gartner Methods) Getting Started with Enterprise Architect An introduction to the concepts of Enterprise Architecture How to Draw Enterprise Architecture Diagram TOGAF 9 Executive Overview ENTERPRISE ARCHITECTURE FRAMEWORK WE ALL NEED Introduction to Enterprise Architecture Enterprise Architecture = Architecting the Enterprise by Gregor Hohpe #AgileIndia2018 LeanIX named a Leader in the 2021 Gartner® Magic Quadrant™ for Enterprise Architecture Tools Automating Analytics and Enterprise Architecture Roadmaps From Office Tools to Reality with Enterprise Architecture 15Mar2016 | Corso Webinar - Increase the Value of your Enterprise Architecture Practice Using Business Architecture What is Enterprise Architecture An Introduction to Enterprise Architecture Ardoq Named a May 2021 Gartner Peer Insights Customers' Choice for Enterprise Architecture Tools Overview of the Center for Enterprise Architecture to the Oracle Global EA Practice(Webinar) Enterprise Architecture = Architecting the Enterprise? • Gregor Hohpe • YOW! 2017 5th Workshop, TEAR 2010, Delft, The Netherlands, November 12, 2010, Proceedings Crisis Management: Concepts, Methodologies, Tools, and Applications Outcome-Driven Business Architecture Enriching EA with Lean, Agile, and Enterprise 2.0 practices Business modernization improvements needed in management of NASA's integrated financial management program. Best Practices Service-oriented Architecture Compass Synergizing Strategies and Intelligence with Architecture Trends in Enterprise Architecture Research Enterprise Architecture for Business Success Business Engineering and Service Design with Applications for Health Care Institutions

Handbook of Enterprise Systems Architecture in Practice
4th Enterprise Engineering Working Conference, EEWC 2014, Funchal, Madeira
Island, Portugal, May 5-8, 2014, Proceedings
How Gamification Motivates People to Do Extraordinary Things
Advanced Information Systems Engineering
Uncovering Essential Software Artifacts through Business Process Archeology
Information Systems and New Applications in the Service Sector: Models and
Methods
5th International Symposium, BMSD 2015, Milan, Italy, July 6-8, 2015, Revised
Selected Papers
Collaborative Enterprise Architecture

Enterprise Architecture 9844208933557 *edited*
Program Gartner Inc *by*

OMB No.
by

BRIANA ANNA

5th Workshop, TEAR 2010, Delft, The Netherlands, November 12, 2010, Proceedings Harvard Business Review Press

Increasingly, organizations allocate a substantial financial budget to the acquisition, implementation, and management of IT solutions. IT solutions are employed strategic partners in supporting business strategic outcome, and the solutions are tools used to support operational activities within an environment. Given the vast amounts being invested in IT solutions and development, there is a need for a better return and outcome for organizations. Empowering Businesses With Collaborative Enterprise Architecture Frameworks is an essential reference source that provides readers with pragmatic, implementable strategies and direction to create IT with collaborative capabilities that can reduce the cost of running IT within an organization. Moreover, the book offers pragmatic roadmaps to adopting disruptive IT solutions effectively and efficiently and towards gaining a better understanding of enterprise architecture

as a means to business decision making. Featuring research on topics such as business engineering, cloud computing, and open systems, this book is ideally designed for managers, directors, and other business decision makers; government and industry policymakers; business and enterprise architects; industry professionals; academicians; researchers; and students.

Crisis Management: Concepts, Methodologies, Tools, and Applications
IGI Global

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 struggling with the complexity and costs of their existing information environments. In this book, a team of IBM's leading information management experts guide you on a journey that will take you from where 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 “top floor.” Coverage includes highlighting the importance of Dynamic Warehousing Defining 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 functions, ranging from compliance and risk management to marketing and product management Implementing more effective business intelligence and 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 *Outcome-Driven Business Architecture* DIANE Publishing

"This book examines current, state-of-the-art research in the area of service sectors and their interactions, linkages, applications, and support using information systems"--Provided by publisher.

Enriching EA with Lean, Agile, and Enterprise 2.0 practices Springer

This book constitutes the thoroughly refereed papers presented at five international workshops held in conjunction with the 6th International Conference on Service-Oriented Computing, ICSOC 2008, in Sydney,

Australia, in December 2008. The volume contains 41 reviewed and improved papers presented at the 4th International Workshop on Engineering Service-Oriented Applications (WESOA 2008), the Second International Workshop on Web APIs and Services Mashups (Mashups 2008), the First International Workshop on Quality-of-Service Concerns in Service Oriented Architectures (QoSCSOA 2008), the First Workshop on Enabling Service Business Ecosystems (ESBE 2008), and the Third International Workshop on Trends in Enterprise Architecture Research (TEAR 2008). The papers offer a wide range of hot topics in service-oriented computing: management and analysis of SOA processes; development of mashups; QoS and trust models in service-oriented multi-agent systems; service ecosystems, service standardization, and evolutionary changes of Web services; governance aspects of SOA, enterprise models and architectures.

Business modernization improvements needed in management of NASA's integrated financial management program. IGI Global

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

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

BEST PRACTICES

IGI Global

"This book explores the latest empirical research and best real-world practices for preventing, weathering, and recovering from disasters such as earthquakes or tsunamis to nuclear disasters and cyber terrorism"--Provided by publisher.

Service-oriented Architecture Compass
CRC Press

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.

Synergizing Strategies and Intelligence with Architecture Springer

This book addresses the challenges in the software engineering of variability-intensive systems. Variability-intensive systems can support different usage scenarios by accommodating different and unforeseen features and qualities. The book features academic and industrial contributions that discuss the challenges in developing, maintaining and evolving systems, cloud and mobile services for variability-intensive software systems and the scalability requirements they imply. The book explores software engineering approaches that can efficiently deal with variability-intensive systems as well as applications and use cases benefiting from variability-intensive systems.

Trends in Enterprise Architecture Research IGI Global

The popularity of enterprise architecture (EA) has increased in the last two decades, in both business and academic domains. Despite the cumulative interest from all sectors, the implementation and practice of EA have been entangled with numerous challenges and complexities. Consequently, some organisations continue to theorise the concept, which

has ramifications on practice and return on investment (ROI). This has led to many studies that have been conducted, to understand the complexities impacting the implementation and practice of EA in organisations. Yet, the trajectory of some convolutions remains mystery in many quarters. This attributes to the struggle to articulate the value of EA in many environments. Hence many organisations find it difficult to apply EA for strategic management of modern information technology (IT) solutions. *Enterprise Architecture for Strategic Management of Modern IT Solutions* provides guidance on how to employ EA in deploying and managing IT solutions from pragmatic and implementable strategies' perspectives. Until now, implementation and practice of EA have been slow, despite its growing popularity and interest from all sectors. The author employs sociotechnical theories such as actor-network theory (ANT) and structuration theory (ST) as lenses to examine and explain why and how challenges and complexities exist and derail the implementation or practice of EA in organisations. By doing so, this serves to enable practitioners and readers to gain fresh insights on why the challenges exist and how they can be addressed in creating collaborative capabilities for business enhancement, sustainability, and competitiveness. The book provides detailed insights on how to apply EA for organisational purposes, from three main fronts. First, it explains the implications that lack of understanding of EA have on organisational activities and processes. Second, it examines the challenges and complexities that hinder the implementation and practice of EA in organisations. Third, it proposes models and frameworks on how EA can be

applied for strategic management of modern IT solutions in organisations. Written for postgraduates, researchers, academics, and professionals in the fields of EA, IT, and information systems, this book provides a valuable resource that will enable and enhance implementation and practice of EA including future studies.

[Enterprise Architecture for Business Success](#) CRC Press

This volume constitutes the proceedings of the 5th International Workshop on Trends in Enterprise Architecture Research (TEAR), held in Delft, The Netherlands, on November 12, 2010. The main objective of the workshop is to identify major trends and challenges in enterprise architecture research by providing a discussion forum where researchers and practitioners can exchange experiences, problems, and ideas. The 7 papers presented were extensively reviewed and selected from 15 submissions. They report on core concepts and the effectiveness of enterprise architecture, on architecture description languages, and on exemplary case studies.

[Business Engineering and Service Design with Applications for Health Care Institutions](#) Lulu.com

"This book is a valuable addition to the reading list of executives, managers, and staff in business, government, and other sectors who seek to keep their enterprises agile and efficient as they manage change, implement new business processes and supporting technologies, and pursue important strategic goals"--Provided by publisher.

[Handbook of Enterprise Systems Architecture in Practice](#) Newnes

ICEM2014 is to offer scholars, professionals, academics and graduate students to present, share, and discuss

their studies from various perspectives in the aspects of social science. The ICEM2014 is hosted by Advance Information Science Research Center and is sponsored by DEStech Publication, Inc., South China University of Technology, Guangdong University of Foreign Studies. This proceedings tends to collect the up-to-date, comprehensive and worldwide state-of-art knowledge on economics and management. All of accepted papers were subjected to strict peer- reviewing by 2-4 expert referees. The papers have been selected for this proceedings based on originality, significance, and clarity for the purpose of the conference. The selected papers and additional late-breaking contributions to be presented will make an exciting technical program on conference. The conference program is extremely rich, featuring high-impact presentation. We hope this conference will not only provide the participants a broad overview of the latest research results on economics and management, but also provide the participants a significant platform to build academic connections. ICEM2014 would like to express our sincere appreciations to all authors for their contributions to this conference. We would like to extend our thanks to all the referees for their constructive comments on all papers; especially, we would like to thank to organizing committee for their hard working.

4th Enterprise Engineering Working Conference, EEWC 2014, Funchal, Madeira Island, Portugal, May 5-8, 2014, Proceedings Pearson Education
This book defines and discusses how the field of Enterprise Architecture (EA) can be incorporated into the design of Enterprise Geographic Information Systems (EGIS). The objective of EA is to

develop a strategic plan that structures an organization's resources (data, information, people, and assets) into one team that works together to achieve the company's objectives in an efficient, agile, and adaptable way. It demonstrates how EA concepts can be incorporated within EGIS by improving the system's efficiency and reliability. Through real-world examples and step-by-step explanations, the reader will reach a comfortable understanding of the theories and methods discussed in the book.

HOW GAMIFICATION MOTIVATES PEOPLE TO DO EXTRAORDINARY THINGS

PediaPress

Enterprise architecture is leading IT's way to the executive boardroom, as CIOs are now taking their place at the management table. Organizations investing their time, money, and talent in enterprise architecture (EA) have realized significant process improvement and competitive advantage. However, as these organizations discovered, it is one thing to acquire a game-changing technology but quite another to discover ways to use it well. A project of the Society for Information Management's Enterprise Architecture Working Group and edited by Leon A. Kappelman, *The SIM Guide to Enterprise Architecture* provides insights from leading authorities on EA, including John Zachman, Larry DeBoever, George Paras, Jeanne Ross, and Randy Hite. The book supplies a solid understanding of key concepts for effectively leveraging EA to redesign business processes, integrate services, and become an Information Age enterprise. Beginning with a look at current theory and

frameworks, the book discusses the practical application of enterprise architecture and includes a wealth of best practices, resources, and references. It contains the SIM survey of IT organizations' EA activities, which provides important metrics for evaluating progress and success. Successful businesses exploit synergy among business functions and push the boundaries of process design. IT's cross-functional position uniquely qualifies it to lead process innovation. EA lets CIOs integrate technology with business vision and is the roadmap for implementing new systems, changing behavior, and driving value. This book explores the vision, foundation, and enabling technology required to successfully transform organizations with enterprise architecture.

ADVANCED INFORMATION SYSTEMS ENGINEERING

Routledge

This book discusses business architecture as a basis for aligning efforts with outcomes. It views BA as complementary to enterprise architecture, where the focus of technological initiatives and inventories is to understand and improve business organization, business direction, and business decision-making. This book provides a practical, long-term view on BA. Based on the authors' consulting experience and industrial research, the material in this book is a valuable addition to the thought processes around BA and EA. The lead author has direct and practical experience with large clients in applying APQC capability framework for undertaking multiple enterprise-wide capability assessments.

UNCOVERING ESSENTIAL SOFTWARE ARTIFACTS THROUGH BUSINESS PROCESS ARCHEOLOGY

IGI Global

Business Engineering attempts to provide tools, as other engineering disciplines have, for the design of businesses. This implies that enterprises should be formally designed and that their architectures, including processes, people organization, information systems, IT infrastructure and interactions with customers and suppliers should be considered in a systemic way in such design. This Enterprise Design is not a onetime effort, but, in the dynamic environment we face, organizations have to have the capability to continuously evaluate opportunities to improve their designs. Our approach includes the integrated design of a business, its service configuration (architecture) and capacity planning, the resource management processes and the operating processes. Such an approach is based on general patterns that define service design options and analytical methods that make possible resource optimization to meet demand. This is complemented with technology that allows process execution with BPMN tools and web services over SOA. In summary we integrate the design of a business with analytics and supporting IT tools in giving a sound basis for Business Engineering Our proposal has been extensively tested and improved based on the experience with hundreds of projects in all types of service industries performed at the Master in Business Engineering of the University of Chile. Several of such cases, which have had impressive economics results, are summarized in the text. In particular, we

have worked on hospital services, where research and development projects that have been performed in five public hospitals will originate general solutions, summarized in the book, which will eventually be implemented in over a hundred facilities.

Information Systems and New Applications in the Service Sector: Models and Methods Springer

Corporations accumulate a lot of valuable data and knowledge over time, but storing and maintaining this data can be a logistic and financial headache for business leaders and IT specialists. *Uncovering Essential Software Artifacts through Business Process Archaeology* introduces an emerging method of software modernization used to effectively manage legacy systems and company operations supported by such systems. This book presents methods, techniques, and new trends on business process archeology as well as some industrial success stories. Business experts, professionals, and researchers working in the field of information and knowledge management will use this reference source to efficiently and effectively implement and utilize business knowledge.

5th International Symposium, BMSD 2015, Milan, Italy, July 6-8, 2015, Revised Selected Papers Gower Publishing, Ltd.

Praise for *Service-Oriented Architecture Compass* "A comprehensive roadmap to Service-Oriented Architecture (SOA). SOA is, in reality, a business architecture to be used by those enterprises intending to prosper in the 21st century. Decision makers who desire that their business become flexible can jumpstart that process by adopting the best practices and rules of thumb described in *SOA Compass*." -Bob Laird, MCI IT

Chief Architect "The book *Service-Oriented Architecture Compass* shows very clearly by means of real projects how agile business processes can be implemented using Service-Oriented Architectures. The entire development cycle from planning through implementation is presented very close to practice and the critical success factors are presented very convincingly."

-Professor Dr. Thomas Obermeier, Vice Dean of FHDW Bergisch Gladbach, Germany "This book is a major improvement in the field. It gives a clear view and all the key points on how to really face a SOA deployment in today's organizations." -Mario Moreno, IT Architect Leader, Generali France

"Service-Oriented Architecture enables organizations to be agile and flexible enough to adopt new business strategies and produce new services to overcome the challenges created by business dynamism today. CIOs have to consider SOA as a foundation of their Enterprise Applications Architecture primarily because it demonstrates that IT aligns to business processes and also because it positions IT as a service enabler and maximizes previous investments on business applications. To understand and profit from SOA, this book provides CIOs with the necessary concepts and knowledge needed to understand and adapt it into their IT organizations." - Sabri Hamed Al-Azazi, CIO of Dubai Holding, Sabri "I am extremely

impressed by the depth and scale of this book! The title is perfect-when you know where you want to go, you need a compass to guide you there! After good IT strategy leads you to SOA, this book is the perfect vehicle that will drive you from dream to reality. We in DSK Bank will use it as our SOA bible in the ongoing project." -Miro Vichev, CIO, DSK

Bank, Bulgaria, member of OTP Group "Service-Oriented Architecture offers a pathway to networking of intra- and inter-corporate business systems. The standards have the potential to create far more flexible and resilient business information systems than have been possible in the past. This book is a must-read for those who care about the future of business IT." -Elizabeth Hackenson, CIO, MCI "Service-Oriented Architecture is key to help customers become on demand businesses-a business that can quickly respond to competitive threats and be first to take advantage of marketplace opportunities. SOA Compass is a must-read for those individuals looking to bridge the gap between IT and business in order to help their enterprises become more flexible and responsive." -Michael Liebow, Vice President, Web Services and Service-Oriented Architecture, IBM Business Consulting Services "This book is a welcome addition to SOA literature. It articulates the business case and provides practical proven real-world advice, guidance, tips, and techniques for organizations to make the evolution from simple point-to-point web services to true SOA by addressing such topics as planning, organization, analysis and design, security, and systems management." -Denis O'Sullivan, Fireman's Fund Enterprise Architect Maximize the business value and flexibility of your SOA deployment In this book, IBM Enterprise Integration Team experts present a start-to-finish guide to planning, implementing, and managing Service-Oriented Architecture. Drawing on their extensive experience helping enterprise customers migrate to SOA, the authors share hard-earned lessons and best practices for architects, project managers, and software development

leaders alike. Well-written and practical, Service-Oriented Architecture Compass offers the perfect blend of principles and "how-to" guidance for transitioning your infrastructure to SOA. The authors clearly explain what SOA is, the opportunities it offers, and how it differs from earlier approaches. Using detailed examples from IBM consulting engagements, they show how to deploy SOA solutions that tightly integrate with your processes and operations, delivering maximum flexibility and value. With detailed coverage of topics ranging from policy-based management to workflow implementation, no other SOA book offers comparable value to workingIT professionals. Coverage includes SOA from both a business and technical standpoint-and how to make the business case Planning your SOA project: best practices and pitfalls to avoid SOA analysis and design for superior flexibility and value Securing and managing your SOA environment Using SOA to simplify enterprise application integration Implementing business processes and workflow in SOA environments Case studies in SOA deployment After you've deployed: delivering better collaboration, greater scalability, and more sophisticated applications The IBM Press developerWorks® Series is a unique undertaking in which print books and the Web are mutually supportive. The publications in this series are complemented by resources on the developerWorks Web site on ibm.com. Icons throughout the book alert the reader to these valuable resources.

Collaborative Enterprise Architecture CRC Press

Rapidly changing market, technological, and organizational environments are forcing government and private sector

enterprises to improve services and transform processes. Employing a case study approach, the Enterprise Dynamics Sourcebook presents frameworks and analytical models of the enterprise as a complex system to improve your understanding of
Engineering and Management of Data Centers CRC Press

This book contains revised and extended versions of selected papers from the Fifth International Symposium on Business Modeling and Software Design, BMSD 2015, held in Milan, Italy, in July 2015. The symposium was organized and sponsored by the Interdisciplinary Institute for Collaboration and Research on Enterprise Systems and Technology (IICREST), being co-organized by Politecnico di Milano and technically co-sponsored by BPM-D. Cooperating organizations were Aristotle University of Thessaloniki (AUTH), the U Twente Center for Telematics and Information Technology (CTIT), the BAS Institute of Mathematics and Informatics (IMI), the Dutch Research School for Information and Knowledge Systems (SIKS), and AMAKOTA Ltd. BMSD 2015 received 57 paper submissions from which 36 papers

were selected for publication in the BMSD'15 proceedings. 14 of those papers were selected as full papers. Additional post-symposium reviewing was carried out reflecting both the qualities of the papers and the way they were presented. 10 best papers were selected for the Springer edition (mainly from the BMSD'15 full papers). The 10 papers published in this book were carefully revised and extended (following the reviewers' comments) from the papers presented. The selection considers a large number of BMSD-relevant research topics: from business-processes-related topics, such as process mining and discovery, (dynamic) business process management (and process-aware information systems), and business process models and ontologies (including reflections into the Business Model Canvas); through software-engineering-related topics, such as domain-specific languages and software quality (and technical debt); and semantics-related topics, such as semantic technologies and knowledge management (and knowledge identification); to topics touching upon cloud computing and IT-enabled capabilities for enterprises.

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