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Enterprise Architect for TOGAF© Practitioners

Duration: 3 days

Delivering an Architecture Project with TOGAF© Architecture Development Method (ADM) using Enterprise Architect 13 Hands-on

"An Architect, in the subtlest application of the word, describes one able to engage and arrange all elements of an environment to create a harmonious whole" - Charles T. Betz

The purpose of an Enterprise Architecture capability is to produce business value and to identify and manage the people, process, and technology elements of an organization. All elements need to be clearly understood and available in an interactive model which can then be used to evaluate existing operations and manage change over time. The advantages that result from a good enterprise architecture bring important business benefits, which are clearly visible in the net profit or loss of a company or organization.

TOGA®F, BIZBOK®, BABOK®, ITSM® are industry standard frameworks and methods to harmonize an Enterprise Architecture Office that are available for use by any organization around the world. It is a tool for assisting in the production, usage, and maintenance of architectures. It is based on a process model supported by best practices and a re-usable set of existing architectural resources.

Certifications

- Sparx Systems Enterprise Architect - Certificate of Education Credits
- This course will prepare you to pass the TOGAF© Level 1 and Level 2 Certification Exam
- LinkedIn Endorsement by our Industry Expert Workshop Leader

What you'll Learn

Experience insights and techniques with master Enterprise Architect, who is directly involved in highly successful and well documented transformation projects over many years. Learn and practice effective business architecture techniques that align with leadership, people, and technology outcomes.

1. Learn by doing! - D**e**velop a complete Transformation Project using the BIZBOK® method
2. Be Project ready! - Begin your next project after the workshop and reduce startup time
3. Become an Enterprise Architect power user – Learn time saving tricks from a Sparx SME
4. Learn Business Architecture - Learn effective techniques from a master Business Architect
5. Learn how to leverage the INTEGRATED Toolkit – Save months of toolkit startup time

A comprehensive mission tested course that pragmatically reveals how to perform Architecture modeling and reporting using a role based approach. Follow one project through the ADM and Architecture life cycle to learn how advanced Architects do it. The course is for Architects who are interested in learning more about TOGAF 9 using a pragmatic hands-on approach by modeling TOGAF Architecture Development Method (ADM), standards and best practices using a comprehensive case study.

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TOGAF Certified Architects who wish to evaluate and apply the TOGAF Architecture Development Method standards and best practices using a comprehensive case study and to experience immediate benefits of using a powerful modeling tool Enterprise Architect.

Our role based hands-on course use Enterprise Architect to address the work needs and requirements of the following roles and follows the Architecture Development Method through your first practical Iteration. Practice Advanced Sparx EA Techniques for saving time while increasing quality.

Who needs to Attend

- Enterprise Architects who need to rapidly develop an Enterprise Architecture Transformation project
- Students who need a proven approach when deploying Enterprise Architecture using TOGAF, BIZBOK®, BABOK®, DMBOK® and ITSM®
- Students who wish to become TOGAF® Certified
- Business Analysts, Business Architects, Solution Architects
- Project Managers

Prerequisites

- There are no prerequisites

Follow on Courses

- TOGAF 9.1 Level 1 and 2
- Business Architecture Implementation Workshop

Course Outline.

Getting Started

1. Loading your Course Case Study
2. Introductions
3. Using Sparx EA to develop the TOGAF© ADM
4. Understanding OMG UML Modeling
5. START –Project Browser, Traceability, Search in Model, Help
6. DESIGN – Package, Diagram, Toolbox, Element
7. LAYOUT - Manage, Appearance, Status
8. PUBLISH – Documentation, Web, Package Control
9. CONFIGURE – Manage Technology, Manage Security, Images
10. CONSTRUCT – Resource Allocation, Change, Defects, Issues, Testing
11. CODE – Scripting, Edit Code
12. SIMULATE – Simulators, Manage BPSim
13. EXECUTE - Debugger, Recorder
14. EXTEND – Manage Add-ins

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Architecture Vision

1. Architecture Vision best practices
2. Establish the Architecture project
3. Identify enterprise stakeholders, concerns, and goals
4. Confirm and elaborate goals, objectives, and constraints
5. Define and evaluate capabilities
6. Assess readiness for Transformation
7. Scope the organizations impacted
8. Confirm and elaborate Principles
9. Develop the Business Scenario
10. Develop the Architecture Vision
11. Define the target architecture business case
12. Identify the Transformation risks and mitigation
13. Establish the Transformation communication plan
14. Develop Statement of Architecture Work

Business Architecture

1. Business Architecture best practices
2. Select reference models, viewpoints, and patterns
3. Develop the Baseline Business Architecture
4. Solution Stakeholder Scope
5. Business Context
6. Capability model
7. Value Stream
8. Process Scope
9. Service Collaboration model
10. Information model
11. Business Architecture Requirements
12. Relationship Matrix
13. Manage Baselines
14. Develop the Target Business Architecture
15. Perform gap analysis
16. Define roadmap components
17. Resolve impacts across the architecture landscape
18. Conduct formal stakeholder review
19. Generate the Business Architecture Definition

Application Architecture

1. Application Architecture best practices
2. Select reference models, viewpoints, and tools
3. Develop Baseline Application Architecture
4. Architecture Overview
5. Stakeholder Views
6. Business Application Building Blocks
7. Infrastructure Application Building Blocks
8. Application Architecture Requirements
9. Application Architecture model
10. Relationship Matrix

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11. Manage Baselines
12. Develop Target Application Architecture
13. Perform gap analysis
14. Define Roadmap components
15. Resolve Impacts
16. Conduct Formal Stakeholder review
17. Generate the Application Architecture Definition

Data Architecture

1. Data Architecture best practices
2. Select reference models, viewpoints, and tools
3. Develop Baseline Data Architecture
4. Data Architecture Overview
5. Stakeholder Views
6. Business Information Domains
7. Data Architecture Building Blocks
8. Data Solution Building Blocks
9. Data Architecture Requirements
10. Data Architecture model
11. Relationship Matrix
12. Manage Baselines
13. Develop Target Data Architecture
14. Perform gap analysis
15. Define Roadmap components
16. Resolve Impacts
17. Conduct Formal Stakeholder review
18. Generate the Data Architecture Definition

Technology Architecture

1. Technology Architecture best practices
2. Select reference models, viewpoints, and tools
3. Develop Baseline Technology Architecture
4. Technology Architecture Overview
5. Stakeholder Views
6. Technology Architecture Building Blocks
7. Infrastructure Application Building Blocks
8. Technology Deployment model
9. Technology Architecture Requirements
10. Technology Architecture model
11. Relationship Matrix
12. Manage Baselines
13. Develop Target Technology Architecture
14. Perform gap analysis
15. Define Roadmap components
16. Resolve Impacts
17. Conduct Formal Stakeholder review
18. Finalize the Technology Architecture Definition

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Opportunities and Solutions

1. Confirm key corporate change attributes
2. Determine business constraints for implementation
3. Review and consolidate gap analysis results
4. Review IT requirements from a functional perspective
5. Reconcile interoperability requirements
6. Refine and validate dependencies
7. Confirm Readiness and risk for business transformation
8. Formulate high-level implementation and migration strategy
9. Identify and group major work packages
10. Identify Transition Architectures
11. Create portfolio and project charter
12. Outputs

Migration Planning

1. Confirm management frameworks
2. Assign a business value to each project
3. Estimate resource requirements and timing
4. Prioritize the migration projects
5. Confirm Transition Architecture increments/phases
6. Generate the Architecture Implementation Roadmap
7. Establish the architecture evolution cycle Outputs
8. Outputs

Implementation Governance

1. Confirm Scope and priorities for deployment
2. Identify deployment resources and skills
3. Guide development of solutions deployment
4. Perform enterprise architecture compliance reviews
5. Implement business and IT operations
6. Perform post-implementation reviews

Architecture Change Management

1. Establish value realization process
2. Deploy monitoring tools
3. Manage risks
4. Provide analysis for architecture change management
5. Develop change requirements to meet performance targets
6. Manage governance process
7. Activate the process to implement change
8. Request for Architecture Work
9. Statement of Architecture Work
10. Architecture Definition Document
11. Architecture Contract

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Requirements Management

1. Requirements Management best practices
2. Select reference models, viewpoints, and patterns
3. Re-use requirements
4. Identify and Trace requirements across the Architecture
5. Baseline requirements
6. Identify changed requirement and record priorities
7. Assess impact of changed requirements
8. Implement requirements from Phase H
9. Update the requirements repository
10. Outputs and Reporting

Preliminary Phase

1. Confirm governance and support frameworks
2. Define the enterprise architecture team and organization
3. Tailor TOGAF and other selected Architecture Frameworks
4. Process and Framework Tailoring
5. Pattern and Content Tailoring
6. Implement architecture tools and standards

Course Take Aways'

Save time and immediately power up your practice during the course and your next project. Every participant receives the following course handouts:

- Course Guidebook and practice Case study
- INTEGRATED Repository to ensure traceability from Strategy to Operations
- INTEGRATED Toolbox Stencils for BABOK©, BIZBOK©, ITSM©, PMBOK©, and TOGAF©
- Repository Help Screens make Sparx easy to learn and rapid to deploy
- Work Packages Standard Templates to generate documentation
- Pre-built reuse Catalogs, Matrices, Diagram Patterns
- MS Word, MS Excel, and PowerPoint integration and reuse Templates

Testimonials

"We recently completed a production business transformation, and the clarity provided by the very first Enterprise Architect TOGAF 9 course, led by Ramsay, to focus on learning and applying Enterprise Architect to the practice of using the TOGAF ADM saved ten Enterprise Architects at our Fortune 15 energy company many months in start- up when using new tools and process, a saving far greater than Enterprise Architect software license costs and the entire cost of training & retooling." – Chief Architect, Fortune 15 Energy Sector Company

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Workshop Leader – Ramsay Millar

INTEGRATE iT will provide Sparx Systems Enterprise Architect Expert and course author Ramsay Millar to lead and facilitate the training event.

Ramsay Millar is a lateral thinking and dynamic technology consultant with 28 years of progressively responsible experience in medium to large business and government accounts across many diverse business areas. He is a proven leader in project readiness who applies continual process improvement techniques and tools who delivers successful outcomes for major transformation projects.

Ramsay is customer oriented and results driven when deploying leading industry techniques using the Business Architecture Guild (BIZBOK®), the Object Management Group (OMG® UML), The Open Group Architecture Framework (TOGAF®), the International Institute of Business Analysts (BABOK®), Agile Solution Delivery and Project Management (PMIBOK®).

As a highly practiced consultant and professional educator Ramsay Millar has delivered hundreds of successful interactive training events that are results oriented and focus on applying productivity techniques to real world challenges. Millar has dedicated his career to dramatically improving business and technology transformation and service delivery project outcomes.

Strengths

- Customer oriented with excellent communication skills
- Visionary with a capability of remaining highly technical while being strategic in approach
- Fiscally Responsible leadership and project manager
- A proven leader in large scale transformations using productivity techniques

Competencies

- Consulting as a Business Architecture, Business Analyst, Enterprise Architect, & Project manager
- Business Analyst - BACP®, CMMI® Requirements Management, IEEE®
- Business Architect – Business Architecture Guild BIZBOK®
- Enterprise Architect – TOGAF® certified practitioner and instructor
- Project Manager – Critical and large scale Transformations
- Sparx Systems, OMG UML, and Metamodel Frameworks SME
- Knowledge Repository Deployments
- Agile Solution Delivery Projects
- Professional educator and facilitator

Healthcare Transformation Case Study

Closing the Gap – Dr Dobbs Interview