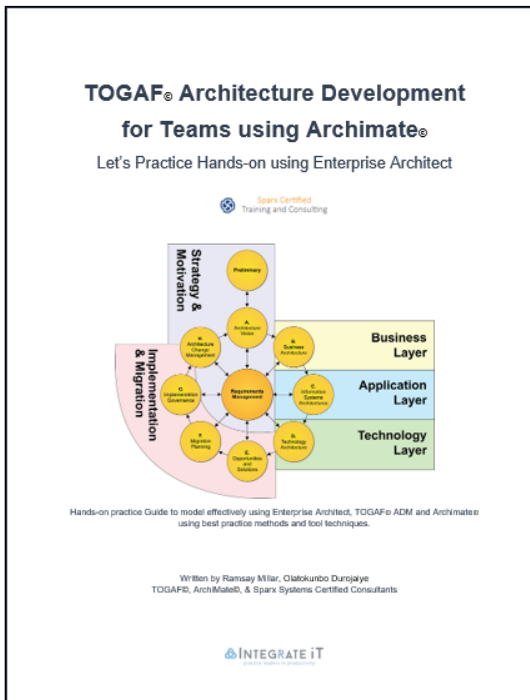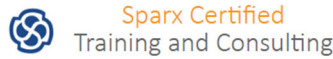# TOGAF Architecture Development for Teams using Archimate©

Let's Practice Hands-on using Enterprise Architect

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Training and Consulting

TOGAF© Architecture Development for Teams using Archimate©

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Strategy & Motivation

Implementation & Migration

Business Layer

Application Layer

Technology Layer

Hands-on practice Guide to model effectively using Enterprise Architect, TOGAF© ADM and Archimate© using best practice methods and tool techniques.

Written by Ramsay Millar, Olatokunbo Durojaiye
TOGAF©, ArchiMate©, & Sparx Systems Certified Consultants

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Delivered by TOGAF©, ArchiMate©, Sparx Systems Certified Consultants
Duration 3.0 days

The purpose of an Enterprise Architecture capability is to perform architecture planning and deliver outcomes to enable value and reduce risk by managing stakeholders, capabilities, processes, and technology artifacts across an enterprise. Key artifacts need to be stored in an architecture repository to simplify and enable effective reporting. Architecture models are used to evaluate and plan target architectures compared to a baseline model to determine impacts over time.

This focused hands-on course reveals the importance of reusing TOGAF©, ArchiMate, knowledge domain methods and techniques. Work directly with an experienced practice leader and improve your skills using Sparx Enterprise Architect using the proven TOGAF© Architecture Development Method. This course contains 80% hands-on and 20% lecture.

Upon course completion you will be able to apply your skills using your next project and become confident using Sparx Enterprise Architect, an industry leading tools for over 20 years now with a user community of one million.

What you'll Learn

This comprehensive mission tested course pragmatically reveals how to perform TOGAF© Architecture Development using ArchiMate© for all levels of individuals who need to learn and practice their skills to deliver artifacts using Enterprise Architect across the Architecture Layer.
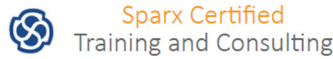
- **Strategic Planning** – Model Motivation & Line of Sight from Steering Committee to MicroServices

- **Business Architecture** – Practice modeling Business Architecture artifacts to align Vision with

  Implementation using Capabilities. Process & Requirements

- **Application Architecture** – Practice modeling Application Portfolio Management artifacts

- **Data Architecture** – Practice modeling Data Architecture artifacts from Conceptual through Logical

- **Technology Layer** – Practice modeling target Infrastructure artifacts including Networks, Clients, & Servers

- Practice using a configured tailorable **Architecture Repository**

- Become **confident in your understanding and hands-on skills** when using Sparx Enterprise Architect.

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Course Outline

Experience insights and techniques with highly skilled Archimate certified TOGAF® Architect, who is directly involved in many successful consulting engagements leveraging effective methods, techniques, and tools. You'll experience hands-on learning by doing one sprint of the TOGAF® Architecture Development Method planning method using Archimate®.

Students will learn to use a Sparx Systems Enterprise Architect Architecture repository to deliver value and reduce risk by modeling long before analysis, design, development, deployment, and testing.
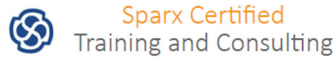
Getting Started

1. Course Objectives & Introduction

2. Using your Digital Course Guidebook – Let's Practice!

3. Login to the Course Architecture Repository – Let's Practice

4. What is an Enterprise Architecture Repository? – Let's Practice!

5. Modeling Best Practices

6. How to use the Enterprise Architect Ribbon - Let's Practice!

7. START – Search the Model – Let's Practice!

8. DESIGN – How to create Packages, Diagrams, & Elements – Let's Practice

9. LAYOUT - Themes and Appearance – Let's Practice!

10. DEVELOP – Database Modeling

11. SIMULATE – Business Process Simulation

12. EXECUTE - Code Execution

13. CONSTRUCT – Kanban

14. SPECIALIZE - MS Office Integration

15. PUBLISH – Generate Word Documents

16. SETTINGS – Security, Groups, Permissions

17. Enterprise Architecture –Deployment Considerations

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Strategic Planning

1. Leveraging Business Architecture best practices
2. What does success look like?
3. Establish the architecture project – Let's Practice!
4. Stakeholder Analysis - Let's Practice!
5. Confirm Drivers, Goals, & Outcomes
6. Determine In Scope Capabilities – Let's Practice!
7. Confirm Architecture Principles – Let's Practice!
8. Define the Architecture Vision
9. Define the target business case
10. Identify transformation risks and mitigation strategy
11. Establish the transformation Communication Plan!
12. Generate the Vision Document
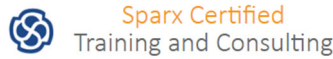
Business Architecture

1. Business Architecture best practices
2. Select Reuse Frameworks
3. Alignment to Strategic Planning
4. Stakeholder Analysis
5. Business Scenario
6. Capability Heat Mapping – Let's Practice!
7. Concept Model & Glossary – Let's Practice!
8. Value Stream
9. Process Collaboration – Let's Practice!
10. Process Scope – Let's Practice!
11. Requirements Management – Let's Practice!
12. Define roadmap Components
13. Resolve Impacts & Traceability – Let's Practice!

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Application Architecture

1. Solution Architecture best practices
2. Select Reuse Frameworks – Let's Practice!
3. Solution Architecture Overview
4. Business Footprint – Let's Practice!
5. Reuse Catalogs – Let's Practice!
6. Application Landscape – Let's Practice!
7. Requirements Management – Let's Practice!
8. Define roadmap Components
9. Resolve Impacts & Traceability – Let's Practice!

Data Architecture

1. Data Architecture Best Practices
2. Select Reuse Frameworks
3. Stakeholder Analysis
4. Data Architecture Patterns
5. Data Landscape – Let's Practice!
6. Conceptual Data Model – Let's Practice!
7. Logical Data Model – Let's Practice!
8. Data Requirements – Let's Practice!
9. Resolve Impacts & Traceability – Let's Practice!
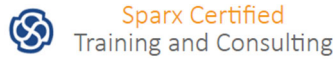10. Physical Data Model

Technology Architecture

1. Technology Architecture best practices
2. Select Reuse Frameworks
3. Technology Architecture Overview

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4. Stakeholder Views

5. Reuse Catalogs – Let's Practice!

6. Deployment Layer – Let's Practice!

7. Requirements Management

8. Define roadmap Components

9. Resolve Impacts & Traceability

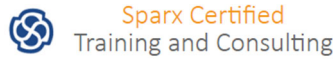**Implementation & Migration** (Lecture)

1. Determine business constraints for implementation

2. Review and consolidate gap analysis results

3. Review IT requirements from a capability perspective

4. Reconcile interoperability requirements

5. Create portfolio and project charters

6. Identify and group major work packages

7. Assign a business value to each project

8. Estimate resource requirements and timing

9. Prioritize the migration projects

10. Confirm Transition Architecture increments/phases

11. Generate the Architecture Implementation Roadmap

12. Confirm Scope and priorities for deployment

13. Identify deployment resources and skills

14. Guide development of solutions deployment

15. Perform post-implementation reviews

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What you'll Receive

Experience the most comprehensive Training available globally. Learn to do by doing under the watchful eye of an experienced coach consultant who carefully reveals methods and best practices that prepare you and your team to become highly skilled and confident in your use of Enterprise Architect.

Consultant & Mentor, Archimate, BACP, TOGAF, and Sparx Systems Certified Enterprise Architect. Ramsay Millar has delivered over 1,100 business and technology project assignments and trained over 4,000 business architects, business analysts, enterprise architects, agile project managers, solution architects and software engineers since 2001. The professionals Ramsay has mentored appreciate his common sense, wide industry skills, and the experience he brings to your assistance.

Ramsay Millar, TOGAF Certified

Screen 1 - Hands-on Practice eBook - Use your Browser to access the your personal Let's Practice Hands-on Guide to study, search, print, and write notes for future reference. Your Practice Guide contains practical steps to follow to become confident using Enterprise Architect. Your Practice Guide is directly linked to the provided EA Case Study and provided EA Repository. Requires MS Teams
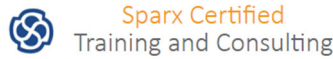
Screen 2 - EA Repository– Open Enterprise Architect to access your reusable EA Repository that contains everything you need to get started including time saving re-use catalogs, Project and Document Templates, simplified Diagram Stencils, and real-world Case Study examples. Requires a Windows computer running Enterprise Architect.

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Testimonials

- Healthcare Transformation Case Study-Acceleration without sacrificing Quality

- *"Congrats and we who have taken a Ramsay Millar class know his superior technical education skills. Content, delivery, and real-world practical application of what you learn is his hallmark. INTEGRATE IT Inc. is so fortunate to have such a professional on staff for so long. When you have Ramsay as a mentor and instructor, you are a student for life, and you resolve the toughest issues together. Thank you, Ramsay; I am so grateful to be a student of your work. I hope soon the world will see the value of your work and why it is the cornerstone of digital transformation "* – Patrick Simon, Beehive Consulting

- *"The Toolkits provided by INTEGRATE iT during the course saved our Fortune 10 Healthcare company many months of standards work and setup time, we began our critical project immediately after training. There isn't a week that goes by when I'm not using one of the productivity tools to help solve problems, speed things or make my team more productive."* - Fiona Lindberg, Business Architect – McKesson Health Systems

- *"Even though Enterprise Architect is an extremely powerful tool and more feature rich than all the competing products we have reviewed in our RFP, it is hard to apply it without proper mentorship delivered by Ramsay Millar."* – Marc Ginns, Chief Enterprise Architect, Duke Energy

Certifications

Our practitioners work closely with every student to personally ensure they fully grasp every lesson plan during the hands-on Let's Practice sessions and after the course to mentor your Archimate® and BiZBoK® Certification is achieved.

- Sparx Systems Enterprise Architect Certification
- Certificate of Credit for Education Hours

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