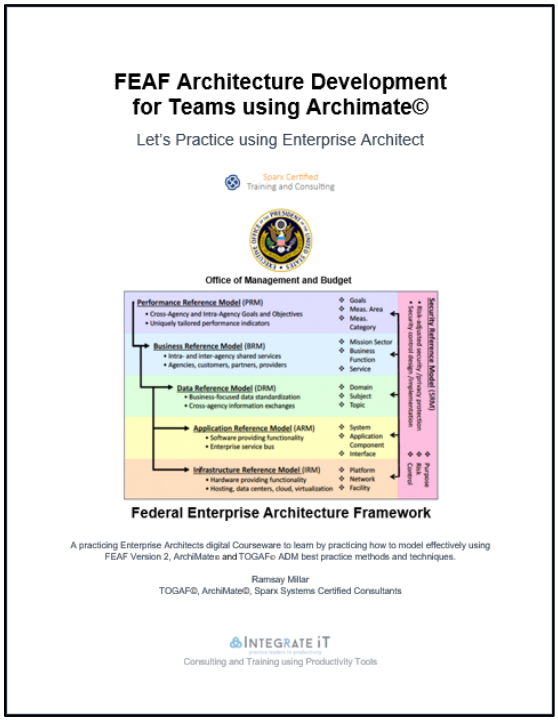
FEAF Architecture Development for Teams using Archimate©

Let's Practice Hands-on using Enterprise Architect

Sparx Certified
Training and Consulting



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 my 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 FEAF, 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 FEAF & 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 toos for over 20 years now with a user community of one million.

What you will Learn

This comprehensive mission tested course pragmatically reveals how to perform FEAF 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. This course follows the FEAF V2 Consolidated Reference Model and views as follows:

- **Strategic Layer -** Model Architecture Vision, Context Overview to align Leadership to Implementation using the Performance Reference Model (PRM)
- **Business Layer** – Model the Capability & Process architectures using the Business Reference Model (BRM)
- **Application Layer** – Model Application Portfolio Management using the Application Reference Model (ARM)
- **Data Layer -** Model Data Architectures using the Data Reference Model (DRM)
- **Infrastructure Layer** – Model Networks, Clients, & Servers using the Infrastructure Reference Model (IRM)
- **Security Layer** – Model NIST Risk Management Framework using the Security Reference Model (SRM)
- **Practice using a FEA Version 2** configured and tailorable EA Architecture Repository
- **Become confident using your hands-on skills** when using Sparx Enterprise Architect.

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What you will Receive

Learn to do by doing with an experienced coach consultant who works directly with you to carefully reveal methods and best practices. You and your team will become skilled and confident in your use of Enterprise Architect.

Ramsay Millar
TOGAF Certified Trainer
Sparx Certified Consultant & Trainer

Your Coach Consultant - Ramsay Millar has delivered hundreds of project assignments and trained about 3,000 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 team.

Step 1 – Run Enterprise Architect on your primary device use a Cloud Connection to access the EA Repository which contains everything you need to begin your next project. The EA Repository includes time saving reuse libraries and the EA Unified stencils allow rapid learning to become confident in your skills and practice using Sparx Systems Enterprise Architect.

Step 2 – Open your Browser on your secondary device to access your **Hands-on Practice Guide** to study, search, print, and write notes for future reference. Your Practice Guide contains detailed steps to complete all the workshops.

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9. Confirm Goals & Outcomes
10. Determine Legal, Regulation, Policy (LRP) Governance
11. Identify Key Performance Indicators – Let's Practice!
12. Define the target business case
13. Establish the communication plan
14. Generate the Vision document – Let's Practice!

Business Layer – Business Reference Model (BRM)

1. Business Architecture best practices
2. Select Reuse Template – Let's Practice!
3. Capability Heat Map - Let's Practice!
4. Capability Planning Roadmap
5. Process Hi-Level – Let's Practice!
6. Process Scope
7. Process Swim Lanes
8. Service Delivery and Accountability
9. Requirements - Use Case Model – Let's Practice!
10. Requirements - Functional Requirements - Let's Practice!
11. Requirements – Legal, Regulatory, Policy Requirements - Let's Practice!
12. Hi-Level Data Model
13. Resolve Impacts and Traceability – Let's Practice!
14. Formal Stakeholder Review

Application Layer – Application Reference Model (ARM)

1. Application Architecture best practices
2. Select Reuse Template – Let's Practice!
3. Solution Architecture Overview
4. Input from Strategic Vision & Business Architecture
5. Business Footprint – Let's Practice!
6. Reuse Catalogs
7. Application Landscape
8. Application Interface – Let's Practice!
9. Requirements – Nonfunctional Requirements
10. Requirements – Security Requirements - Let's Practice!
11. Application Investment Roadmap
12. Resolve Impacts and Traceability – Let's Practice!
13. Conduct formal stakeholder review

Data Layer – Data Reference Model (DRM)

1. Data Architecture best practices
2. Select Reuse Template - Let's Practice!
3. Data Architecture Patterns
4. Input from Strategic Vision, Business, & Application Architectures
5. Hi-Level Data Model – Let's Practice!
6. Logical Data Model – Let's Practice!
7. Requirements - Data Attributes – Let's Practice!
8. Trace Data Requirements to Entities – Let's Practice!
9. Physical Data Model
10. Conduct Formal Stakeholder Review

Infrastructure Layer – Infrastructure Reference Model (IRM)

1. Technology Architecture best practices
1. Select Reuse Template - Let's Practice!
2. Technology Architecture Patterns
3. Reuse Catalogs
4. Input from Strategic Vision, Business, Application & Data Architectures
5. Hi-Level Network Diagram – Let's Practice!
6. Requirements – Nonfunctional (IRM) – Let's Practice!
7. Nonfunctional Requirements Traceability – Let's Practice!
8. Conduct formal stakeholder review

Security Layer – Security Reference Model (SRM)

1. Security Layer best practices
2. Risk Management Framework (RMF)
3. Select Reuse Template - Let's Practice!
4. Review Strategic Vision, Business, Application, Data & Infrastructure Documents
5. Confirm Legal, Regulation, Policy (LRP) Governance
6. Identify Security Requirements – Let's Practice!
7. Identify Risks & Controls – Let's Practice!
8. Security Architecture Traceability – Let's Practice!
9. Conduct Formal Stakeholder Review