

Modeling a SABSA® based Security Architecture using Enterprise Architect 13.x

One Day Course Syllabus

Introduction to Enterprise Architect

User Interface

- Desktop layout
- Portals
- Commonly used Views
- Perspectives: Workspace Layouts, Menu, and Ribbon Configuration

Managing Projects

- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Adding Models using the Wizard
- Organizing Models with Views and Packages

Managing Diagrams

- Toolbox
- Creation techniques
- Menu/ribbon options, context menu, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

Creating Diagram Elements

- Creation techniques
- Editing properties
- Drag and drop

Customizing Diagram Element Appearance

- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

Deleting Model Elements

- Diagram level deletions
- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Line bends
- Line styles

Managing Package Content

- Package Navigator
- Package Browser/List View (overview)

Tool Configuration

- Defining People
- Defining general types
- Personal and global configuration options

COURSE LEADER

Frank Truyen

is a principal consultant and trainer, with 20+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in different modeling notations such as UML®, SoaML™, DDS™, UPDM™, ArchiMate® and BPMN™, allied with his extensive experience in using the Enterprise Architect modeling tool, allows Frank to successfully provide training and consulting services to a broad variety of customers across many industries.

SABSA® Framework

Introduction

Creating a Framework instance

Contextual Architecture models

- Assets (Business Decisions)
- Motivation (Business Risk)
- Process (Business Processes)
- People (Business Governance)
- Location (Business Geography)
- Time (Business Time Dependencies)
 - Requirements
 - Process Events

Conceptual Architecture models

- Assets (Business Knowledge & Risk Strategy)
 - Business Attributes
- Motivation (Risk Management Objectives)
- Process (Strategies for Process Assurance)
- People (Roles & Responsibilities)
- Location (Domain Framework)
- Time (Risk Management Framework)

Logical Architecture models

- Assets (Information)
- Motivation (Risk Management Policies)
- Process (Process Maps and Services)
 - Services Catalog
 - Services Flow
- People (Entity & Trust Framework)
- Location (Domain Maps)
- Time (Calendar & Timetable)

Physical Architecture models

- Assets (Data)
- Motivation (Risk Management Practices)
 - Rule Tasks
 - Rule Flow
- Process (Process Mechanisms)
 - Security Mechanisms
 - Deployment
- People (Human Interface)
 - Access Control Systems
 - Access Control Flow
 - User Interface
- Location (ICT Infrastructure)
- Time (Processing Schedule)

Component Architecture models
Assets (ICT Components)
Motivation (Risk Management Tools and Standards)
Process (Process Tools and Standards)
People (Personnel Management Tools & Standards)
Location (Locator Tools and Standards)
Time (Step Timing & Sequencing Tools)

Traceability and Navigation

Overview
The Relationships window
The Relationship Matrix
The Gap Analysis Matrix
The Traceability window
Other traceability features

Core Tool Features (as time allows)

Documentation Generation

RTF/DOCX/PDF generator
Diagram, Package, and Element options
Linking generated documents into Microsoft Word
Model documents
Master documents
Generating HTML
Other features

Document Artifacts

Creating
Linked Documents
External document links
Document window

Model Searches

Initiating
Configuring
Viewing results
Custom searches
Other features

Managing Baselines and comparing models

Creating baselines
Administering baselines
Package comparisons
Diagram comparisons