

SSINT105 - Enterprise Architect for Business Analysis – 2

Overview

This course focusses on advanced capabilities of Enterprise Architect. This focusses on powerful capabilities like data modeling, test case modeling, advanced documentation, Simulating models, project versioning, base lines, differencing changes, merging model changes, version control capabilities of Enterprise Architect.

Duration	2 days
Prerequisites	SSINT104 Understanding of Business Analysis concepts.
Infrastructure	For effective training, the minimum expected infrastructure are <ul style="list-style-type: none"> ➤ Training room with a projector ➤ Whiteboard or flipchart. ➤ Practitioners will require access to a PC or laptop with Enterprise Architect installed. ➤ Fully functional trial version can be downloaded from http://sparxsystems.in/ea-free-trial
Delivery	Combination of theory and practical sessions to allow participants to apply the learning and become comfortable with the tool.
Reference Material	Each practitioner in the team will receive the course slides and a comprehensive reference material on the topics covered.
Certificate	Each practitioner will receive a certificate from Sparx Systems

Test Cases in Enterprise Architect
Creating Test cases
Adding Test Scripts
Importing Test scripts from Scenarios, requirements, constraints
Copying Test scripts from one type to another
Importing Test scripts from other elements
Data Modeling Using Enterprise Architect
Conceptual Data Model
Logical Data Modeling
Enterprise Relationship Diagrams (ERDs)
Data Modeling Toolbox
Model Primary Keys, Foreign Keys
User Interface Prototypes using Enterprise Architect (Wireframes)
Creating User Interface Prototypes
Capture Flows between multiple UI screens
Establish Traceability to Requirements, Usecases and other model elements
Sequence Diagrams in Enterprise Architect
Create Sequence diagrams
Lifeline

Message passing and sequencing
Actor
Boundary
Asynchronous message
Synchronous message
Create and Delete Objects
Fragment
UseCase realization
State Machine Diagrams in Enterprise Architect
Create state machine diagrams
Object
State
Transition
Events
Entry, Exit elements
Self-Transitions
Nested State
Stereotypes And Tagged Values
Tagged Values in Enterprise Architect
- Creating Custom Tagged Values in Enterprise Architect
Stereotypes in Enterprise Architect
- Shape scripts for stereotypes
Simulating Models using Enterprise Architect
Introduction to Model Simulation
Manual, Interpreted Simulations
Simulating Business Processes
Simulating Behaviour models
Simulating User Interfaces
Advanced Document Generation using Enterprise Architect
Model Documents
Master Documents
Document Fragments
- SQL Document Fragments
- Script based Document Fragments
Facilitating Team based modeling in Enterprise Architect
Team Review
Model Mail
Personal Tasks Window
- Working sets
- Workflows
Model Views
Baselines, Differencing and Merges

- Baselines
- Differencing and Merges
- Differencing Diagram Changes
Replication
Package Control
Version Controlling in Enterprise Architect
Interchanging Data between .eap Files and DBMS Repositories
Reference Data Import Export
Security
- Manage Users
- Manage Groups
- Manage Locks
- Require User Lock to Edit
- Manage My Locks
- Login as Another User
- Change Password
Defining Profiles in Enterprise Architect
Profiles
- Create Profile elements
- Create a toolbox profile
- Create a diagram profile
- Generate and test MDG technology
Workflow Scripting
Validate and Control User Actions
Search User specific Tasks
Available Workflow datastructures