

# SPARX EA for BUSINESS ANALYSTS

## INTRODUCTION

Sparx Enterprise Architect is a multi-user, graphical tool that can be used for full life cycle modelling from high-level specifications to analysis, design, implementation, test and maintenance models. It complements UML 2.5 with BPMN support and extension elements for analysis, requirements management and process management.

## COURSE DESCRIPTION

This three-day course will provide the tools and techniques which are vital for effective business analysis using Sparx Enterprise Architect. The course will cover some of the basic modelling conventions used in Sparx Enterprise Architect, and will delve into the specific techniques used to execute a comprehensive analysis of a business problem. A case study will be analysed and, through practical exercises, the participants will model the behavioral requirement of the system in the form of business use cases, activity diagrams, role maps, entity states and more. Structural requirement analysis will also be addressed through practical exercises using entity classes, generalizations, whole/part relationships, transient roles and more. The techniques that are demonstrated in the practical work are relevant for both agile and waterfall approaches.

## COURSE DURATION

Three days

## WHO SHOULD ATTEND?

Business Analysts  
Process Modellers/Engineers  
Business and Information Architects  
Enterprise Architects

## PREREQUISITES

A good working knowledge of the latest Sparx Enterprise Architect version.

## EQUIPMENT

Each delegate must bring a laptop on which Sparx Enterprise Architect is installed. Licenses must be provided. A free 30-day trial may be used.

## COURSE CONTENT

### Repositories and Models

- Packages and Diagrams
- Elements, Composite Elements and Cells
- Relationships

### Requirements Modelling

### Object Oriented Analysis

### Business Use Cases

- Activity Diagrams
- Role Map
- System Use Cases
- Scenario Modelling

### Entity States

- State Transitions
- State Activities

### Entity Classes

- Generalizations, Associations, Multiplicity
- Transient Roles, Whole/Part Relationships
- Attributes, Operations
- Lookup Tables

## COURSE LOGISTICS

Courses are available on request for groups of 5 or more delegates.

## CONTACT US

[www.realirm.com/training](http://www.realirm.com/training) or  
[training@realirm.com](mailto:training@realirm.com)

