

1 day Enterprise Architect for power users

Course Overview

This course is aimed at experienced users of Enterprise Architect and covers advanced code generation features and design concepts.

What will I learn?

As the course is aimed at experienced users it will not cover any of the diagrams but instead will focus on making the user more proficient in the advanced use of the tool. At the end of the course the delegate will have a good knowledge on how to extend the UML, how to automate EA, how to get the most out of version control and the corporate edition DBMS, how to customise the code engineering, and how to use design patterns in EA.

Course Style

50% lectures, 50% practical

Course Contents

Profiles Extending the UML through the use of Profiles within Enterprise Architect thus allowing more efficient and customised modelling.

EA Automation Be introduced to the Automation API and understand how it can be used to automate common functions of Enterprise Architect.

Corporate DBMS How to deploy Enterprise Architect to a relational DBMS like SQL Server or Oracle for multi-user shared models. How to then apply the integrated security to the model.

Version Control In this module we will look at how to integrate your Enterprise Architect model with your version control system. We will also cover baselining and discuss what processes should be followed to get the most out of version control.

Code Engineering This module will provide a detailed look at the code generation and reverse engineering features of Enterprise Architect. Topics covered will be forward and reverse engineering of code and databases, transformations, and debugging within EA. We will also look at customising the code generation templates in EA, and writing custom code generation plugins.

Design Patterns An introduction to the Gang Of Four design patterns, and then using and creating your own design patterns in Enterprise Architect.

Prerequisites

- Good knowledge of the UML and Enterprise Architect