

MODEL DRIVEN DEVELOPMENT (MDD) 3 DAYS



COURSE OVERVIEW

In this 3-day course, various techniques for Model Driven Development (MDD) are introduced and compared. Emphasis is given to the translational method and the efficacy of this compared to elaborative methods. The different treatments of architecture and design are explained in conjunction with the various methods.

OBJECTIVES

At completion of the course, students will know how to construct both a clear PIM of requirements (specification) and a good PSM of design based on Object-Oriented techniques. They will also develop a clearer understanding of the need for undertaking the analysis and design processes in the context of a software development where both time to market and maintainability are serious issues/constraints.

AUDIENCE

Anyone including programmers/developers who want to become involved in the analysis and design processes and who wish to understand more clearly the essential steps in the progression from a requirements document to a design specification using an object-oriented approach.

PREREQUISITES

An understanding that the software life-cycle is more than just programming and debugging together with a capability to think clearly and logically.

FORMAT

- Class, case study, exercises
- 3 days
- Handouts - course notes
- Course certificate

COURSE OUTLINE

Introduction

Collecting systems requirements

- Case study – creating an operational concept document

Preliminary analysis

- Workshop on scenarios

Systems Analysis

- Workshop – continued

Building a specification

- Workshop – finishing the PIM

Different PSM techniques

Object-Oriented design (a PSM)

- Class Diagrams
- State Models

Transforming the PIM/SRS into a software design (PSM)

- Transforming of Object-Oriented models (PIM)
- The requirements dictionary
- Case study/workshop – creating the initial PSM design structure.

Wrap up



HOW TO REGISTER

To find out more about **Model Driven Development (MDD)** or one of the other training courses offered by Software Improvements:

EMAIL info@softimp.com.au
PHONE +61-2-6273 2055

OR

COMPLETE THE FOLLOWING AND FAX TO +61-2-6273 2082

NAME	
ORGANISATION	
PHONE	
EMAIL	

I WOULD LIKE MORE INFORMATION ON:

- Model Driven Development (MDD)**
- Aspect Oriented Thinking
- Developer Testing for Java using AgitarOne
- MDD using Structured Techniques
- Systems Development using Ada
- Translational Development with MDD

CONTACT DETAILS

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