



CRaG Systems Modelling Training and Consultancy

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Decision Modelling using the DMN Decision Modelling Notation Training Course - 1 Day

This training course teaches the use of the Decision Modelling Notation (DMN) v1.1 as part of business process analysis, mapping and modelling within the context of a business process management (BPM), improvement or re-engineering strategy. Industry best practice is taught for decision modelling with Decision Requirements Diagrams and decision logic defined with Decision Tables. The models produced integrate with business process models defined using BPMN and can be traced through to the requirements for any kind of computer system. Each technique is taught to the level required for competence on a real project. Understanding is tested with exercises based on a real-world project example either using Sparx Systems Enterprise Architect, another suitable modelling tool or on paper.

Delegates will learn:

- The basics and the necessary detail of the Decision Modelling Notation (DMN)
- What the Decision Modelling Notation (DMN) does and does not define
- How to model the elements involved in decision making using a Decision Requirements Diagram
- How to model the decision logic using a Decision Table
- How to relate decision logic to decision requirements
- How to integrate the decision model with a business process model in BPMN

Suitable For:



Business Consultants, Business Analysts, Business Process Engineers, Requirements Gatherers, System Analysts and Project Managers with at least 2 years experience. This course is not suitable for those seeking certification as a step towards a qualification. See the Certification Policy for a detailed discussion.

Course Logistics:



Course attendance is normally limited to 12 students. Courses start at 9.30am on the first day, 9.00am on subsequent days and finish at 5.00pm each day. Students normally use a computer for the exercises, but these can be performed on paper if required. For a discussion on using a DMN modelling tool please see Modelling Tool Use on Courses. Printed course manuals for each student with copies of all presentations, exercises and solutions are provided.

On-Site (In-House) Courses:



The client is expected to provide an appropriate venue, refreshments, XGA/WXGA projector and screen, whiteboard or flipchart and at least one computer per two students loaded with a suitable DMN modelling tool, unless exercises are to be performed on paper. For a full discussion of on-site course issues please see On-Site Course Logistics.

Scheduled Public Courses:



CRaG Systems no longer provide scheduled public training. However, we continue to provide on-site (in-house) training for any number of students with special discounts for small classes. You will find our pricing competitive with most public courses for just 2 or 3 students. Please use the On-Site Course Pricing page to get a firm, downloadable quotation for on-site training.

Pricing:



On-site (in-house) course pricing is available from the On-Site Course Price Calculator page. For consultancy pricing please see the On-Site Consultancy Price Calculator.

Training Course Outline

Introduction

Logistics - People - Modelling - The Decision Modelling Notation (DMN) - Expression Languages (S-FEEL and FEEL) - Using DMN as part of Business Analysis and Modelling

Modelling Decision Making with a Decision Requirements Diagram

Decision Requirements Graphs (DRG) and Decision Requirements Diagrams (DRD) - Decisions - Input Data - Business Knowledge Model - Knowledge Source - Information, Knowledge and Authority Requirements - Text Annotation and Association - Partial Views - Decision Service

Decision Requirements Diagram Workshop

Modelling Decision Logic using a Decision Table

Decision Table - Information Item - Inputs, Outputs and Default Values - Rules as Columns, Rows and Crosstabs - Multiple Output Components - Single and Multiple Hit Tables and Policies - Relating Decision Logic to Decision Requirements - Boxed Expressions and Invocations

Decision Table Workshop

Should the content of the available BPMN or BPMN/UML courses not fit your exact requirements, then CRaG Systems can create a custom course for you. Please either email or call us to discuss your particular needs.

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