

Contents

ABOUT THIS DOCUMENT	3
SUMMARY	3
1. WHAT IS MEANT BY PROCESS MODELLING STANDARDS.....	4
OVERVIEW OF CORPORATE MODELER	4
NOTATION AND RULES	4
METHODOLOGIES AND DIAGRAMMING TECHNIQUES	5
DIAGRAM TEMPLATES	5
THE IMPACT ON WAYS OF WORKING AND HOW THAT WORK IS MANAGED	5
2. KEY CONCEPTS	6
A MULTI-LEVEL MODEL.....	6
A MULTI-DIMENSIONAL MODEL - HOW THINGS IN THE BUSINESS RELATE TO EACH OTHER	12
BRINGING IT ALL TOGETHER - THE EASINET-BASED MANAGEMENT SYSTEM	14
SUMMARY	14
3. DEVELOPING A PROCESS MODEL FOR THE MANAGEMENT SYSTEM	16
YOUR STARTING POINT.....	16
OVERVIEW OF A TYPICAL PROCESS DIAGRAM.....	16
USE THE CORRECT DIAGRAM TYPES AND TEMPLATES	17
USE THE CORRECT OBJECTS (I.E. THOSE AVAILABLE ON THE OBJECT PALETTE)	18
DEFINITION OF ALL OBJECTS USED ON DIAGRAMS	20
SHOW PROCESS LOGIC	21
USE THE CORRECT NAMING CONVENTIONS.....	22
MAKE ASSOCIATIONS	24
DIAGRAMMING TECHNIQUES.....	25
DO NOT USE SWIM LANES	27
USE EVENTS AND RESULTS TO LINK PROCESS DIAGRAMS	29
DO NOT LEAVE ACTIVITIES "HANGING"	29
RE-USE OBJECTS WHEN APPROPRIATE	30
EXPLODE OBJECTS (DRILLING-DOWN).....	33
USE OF ITERATION AND GROUPING BOXES.....	34
USE OF PROCESS BREAKS	36
USE OF ISSUES AND FREE TEXT	36
SUMMARY OF WHAT YOU MUST AND MUST NOT DO IN YOUR MANAGEMENT SYSTEM-COMPLIANT MODEL.....	37
4. PROJECT WORK - USING CASEWISE CORPORATE MODELER FOR YOUR OWN "LOCAL" OBJECTIVES.....	38
CASEWISE CORPORATE MODELER IN THE ENVIRONMENT AGENCY	38
SENDING WORK BACK TO THE MANAGEMENT SYSTEM MODEL	39
INTERFACE BETWEEN THE MANAGEMENT SYSTEM MASTER MODEL AND PROJECT SUB-MODELS.....	40
MODIFYING THE DESIGN OF THE MANAGEMENT SYSTEM MASTER MODEL	42
5. MODEL DESIGN SPECIFICATION.....	43
THE MANAGEMENT SYSTEM META MODEL.....	43
OBJECT SPECIFICATION	44

Illustrations

FIGURE 1 - A TYPICAL ACTIVITY DIAGRAM.....	4
FIGURE 2 - THE MANAGEMENT SYSTEM START DIAGRAM.....	6
FIGURE 3 - CORE PROCESSES.....	7
FIGURE 4 - MANAGEMENT & SUPPORT PROCESSES.....	7
FIGURE 5 - THE PROCESS ARCHITECTURE OF THE MANAGEMENT SYSTEM.....	8
FIGURE 6 - THE PROCESS ARCHITECTURE OF THE MANAGEMENT SYSTEM - ILLUSTRATION.....	10
FIGURE 7 - A LIST SHOWING SOME INTERDEPENDENCE E.G. CORE PROCESS, "PERMITTING".....	10
FIGURE 8 - A SEQUENTIAL FLOW E.G. CORE PROCESS, "INCIDENT MANAGEMENT".....	11
FIGURE 9 - A HIERARCHY E.G. MANAGEMENT & SUPPORT PROCESS, "FINANCE".....	11
FIGURE 10 - PROCESS TYPES ON SCOPE DIAGRAMS.....	12
FIGURE 11 - AN ACTIVITY DIAGRAM.....	12
FIGURE 12 - OBJECT PROPERTIES' FORM.....	13
FIGURE 13 - LINKING PROCESS MAPS TO DETAILED DESCRIPTIONS TO DOCUMENTS.....	14
FIGURE 14 - AN ACTIVITY DIAGRAM.....	17
FIGURE 15 - THE OBJECT PALETTE FOR AN ACTIVITY DIAGRAM.....	19
FIGURE 16 - KEY TO OBJECTS USED.....	20
FIGURE 17 - CONNECTOR SETS.....	21
FIGURE 18 - OPTIONAL AND MANDATORY CONNECTORS.....	21
FIGURE 19 - CONNECTOR PROPERTIES.....	22
FIGURE 20 - ORIENT DIAGRAMS VERTICALLY RATHER THAN HORIZONTALLY.....	26
FIGURE 21 - KNOW A DIAGRAM'S MAXIMUM WIDTH.....	27
FIGURE 22 - SWIM LANES ON A DIAGRAM.....	28
FIGURE 23 - NON-LINEAR DIAGRAMS REQUIRE A NON-LINEAR LAYOUT.....	28
FIGURE 24 - AN INTERNAL RESULT RE-USED AS AN INTERNAL EVENT.....	29
FIGURE 25 - HANGING ACTIVITIES.....	30
FIGURE 26 - EXISTING OBJECTS TREE.....	31
FIGURE 27 - OBJECT ALREADY EXISTS ERROR MESSAGE.....	31
FIGURE 28 - DIAGRAM PROPERTIES SHOWING PARENT OBJECT.....	34
FIGURE 29 - DRILL-DOWN LOOPS.....	34
FIGURE 30 - ITERATIONS.....	35
FIGURE 31 - REDRAWN DIAGRAM WITHOUT ITERATIONS.....	35
FIGURE 32 - GROUPING BOXES.....	36
FIGURE 33 - A PROCESS BREAK.....	36
FIGURE 34 - IMPORT REVIEW SCREEN.....	39
FIGURE 35 - PROCESS FOR MANAGING THE MANAGEMENT SYSTEM MASTER MODEL.....	40
FIGURE 36 - MANAGEMENT SYSTEM META-MODEL.....	43