

# Mastering Archimate Edition II

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## ARCHIMATE(R) 3.1 SPECIFICATION - VAN HAREN PUBLISHING 2020-02

THE ARCHIMATE(R) SPECIFICATION, A STANDARD OF THE OPEN GROUP, DEFINES AN OPEN AND INDEPENDENT MODELING LANGUAGE FOR ENTERPRISE ARCHITECTURE THAT IS SUPPORTED BY DIFFERENT TOOL VENDORS AND CONSULTING FIRMS. THE ARCHIMATE LANGUAGE ENABLES ENTERPRISE ARCHITECTS TO DESCRIBE, ANALYZE, AND VISUALIZE THE RELATIONSHIPS AMONG BUSINESS DOMAINS IN AN UNAMBIGUOUS WAY. THIS BOOK IS THE OFFICIAL SPECIFICATION OF THE ARCHIMATE 3.1 MODELING LANGUAGE FROM THE OPEN GROUP. THIS EDITION OF THE STANDARD INCLUDES A NUMBER OF CORRECTIONS, CLARIFICATIONS, AND IMPROVEMENTS TO THE PREVIOUS EDITION, AS WELL AS SEVERAL ADDITIONS. THE MAIN CHANGES BETWEEN VERSION 3.0.1 AND VERSION 3.1 OF THE ARCHIMATE SPECIFICATION ARE LISTED BELOW. IN ADDITION TO THESE CHANGES, VARIOUS OTHER MINOR IMPROVEMENTS IN DEFINITIONS AND OTHER WORDING HAVE BEEN MADE: [?] INTRODUCED A NEW STRATEGY ELEMENT: VALUE STREAM [?] ADDED AN OPTIONAL DIRECTED NOTATION FOR THE ASSOCIATION RELATIONSHIP [?] IMPROVED THE ORGANIZATION OF THE METAMODEL AND ASSOCIATED FIGURES [?] FURTHER IMPROVED AND FORMALIZED THE DERIVATION OF RELATIONSHIPS THE INTENDED AUDIENCE IS THREEFOLD: 1. ENTERPRISE ARCHITECTURE PRACTITIONERS, SUCH AS ARCHITECTS (E.G., BUSINESS, APPLICATION, INFORMATION, PROCESS, INFRASTRUCTURE, AND, OBVIOUSLY, ENTERPRISE ARCHITECTS), SENIOR AND OPERATIONAL MANAGEMENT, PROJECT LEADERS, AND ANYONE COMMITTED TO WORK WITHIN THE REFERENCE FRAMEWORK DEFINED BY THE ENTERPRISE ARCHITECTURE. 2. THOSE WHO INTEND TO IMPLEMENT THE ARCHIMATE LANGUAGE IN A SOFTWARE TOOL; THEY WILL FIND A COMPLETE AND DETAILED DESCRIPTION OF THE LANGUAGE IN THIS BOOK. - THE ACADEMIC COMMUNITY, ON WHICH WE RELY FOR AMENDING AND IMPROVING THE LANGUAGE, BASED ON STATE-OF-THE-ART RESEARCH RESULTS IN THE ENTERPRISE ARCHITECTURE FIELD.

## **MASTERING MICROSOFT DYNAMICS 365 BUSINESS CENTRAL - STEFANO DEMILIANI 2019-12-20**

DEVELOP CUSTOMIZED BUSINESS MANAGEMENT SOLUTIONS WITH THE LATEST FEATURES OF MICROSOFT DYNAMICS 365 BUSINESS CENTRAL KEY FEATURES LEARN DYNAMICS 365 BUSINESS CENTRAL, THE NEXT GENERATION OF DYNAMICS NAV EXPLORE ADVANCED TOPICS FOR HANDLING COMPLEX INTEGRATIONS SUCH AS USING APIS, ODATA, AND AZURE FUNCTIONS DISCOVER BEST PRACTICES FOR DEVELOPING SaaS EXTENSIONS AND MOVING EXISTING SOLUTIONS TO THE CLOUD BOOK DESCRIPTION DYNAMICS 365 BUSINESS CENTRAL IS AN ALL-IN-ONE BUSINESS MANAGEMENT SOLUTION, WHICH IS EASY TO ADOPT AND HELPS YOU MAKE SMARTER BUSINESS DECISIONS. THIS BOOK IS A COMPREHENSIVE GUIDE TO DEVELOPING SOLUTIONS WITH MICROSOFT ERP (IN THE CLOUD AND ALSO ON-PREMISES). IT COVERS ALL ASPECTS OF DEVELOPING EXTENSIONS, RIGHT FROM PREPARING A SANDBOX ENVIRONMENT TO DEPLOYING A COMPLETE SOLUTION. THE BOOK STARTS BY INTRODUCING YOU TO THE DYNAMICS 365 BUSINESS CENTRAL PLATFORM AND THE NEW MODERN DEVELOPMENT ENVIRONMENT. YOU'LL THEN EXPLORE THE SANDBOX CONCEPT, AND SEE HOW TO CREATE SANDBOXES FOR DEVELOPMENT. AS YOU ADVANCE, YOU'LL BE ABLE TO BUILD A COMPLETE ADVANCED SOLUTION FOR DYNAMICS 365 BUSINESS CENTRAL WITH AL LANGUAGE AND VISUAL STUDIO CODE. YOU'LL THEN LEARN HOW TO DEBUG AND DEPLOY THE EXTENSION AND WRITE AUTOMATIC TESTING. THE BOOK WILL ALSO TAKE YOU THROUGH ADVANCED TOPICS LIKE INTEGRATION (WITH AZURE FUNCTIONS, WEB SERVICES, AND APIS), DEVOPS AND CI/CD TECHNIQUES, AND MACHINE LEARNING. YOU'LL DISCOVER HOW DYNAMICS 365 BUSINESS CENTRAL CAN BE USED WITH OFFICE 365 APPS. FINALLY, YOU'LL ANALYZE DIFFERENT WAYS TO MOVE EXISTING SOLUTIONS TO THE NEW DEVELOPMENT MODEL BASED ON EXTENSIONS. BY THE END OF THIS BOOK, YOU'LL BE ABLE TO DEVELOP HIGHLY CUSTOMIZED SOLUTIONS THAT MEET THE REQUIREMENTS OF MODERN BUSINESSES USING DYNAMICS 365 BUSINESS CENTRAL. WHAT YOU WILL LEARN CREATE A SANDBOX ENVIRONMENT WITH DYNAMICS 365 BUSINESS CENTRAL HANDLE SOURCE CONTROL MANAGEMENT WHEN DEVELOPING SOLUTIONS EXPLORE EXTENSION TESTING, DEBUGGING, AND DEPLOYMENT CREATE REAL-WORLD BUSINESS PROCESSES USING BUSINESS CENTRAL AND DIFFERENT AZURE SERVICES INTEGRATE BUSINESS CENTRAL WITH EXTERNAL APPLICATIONS APPLY DEVOPS AND CI/CD TO DEVELOPMENT PROJECTS MOVE EXISTING SOLUTIONS TO THE NEW EXTENSION-BASED ARCHITECTURE WHO THIS BOOK IS FOR IF YOU'RE A NEW DEVELOPER LOOKING TO GET STARTED WITH DYNAMICS 365 BUSINESS CENTRAL, THIS BOOK IS FOR YOU. THIS BOOK WILL ALSO HELP EXPERIENCED PROFESSIONALS ENHANCE THEIR KNOWLEDGE AND UNDERSTANDING OF DYNAMICS 365 BUSINESS CENTRAL.

## **MICROSOFT POWER BI COMPLETE REFERENCE - DEVIN KNIGHT 2018-12-21**

DESIGN, DEVELOP, AND MASTER EFFICIENT POWER BI SOLUTIONS FOR IMPACTFUL BUSINESS INSIGHTS KEY FEATURES GET TO GRIPS WITH THE FUNDAMENTALS OF MICROSOFT POWER BI COMBINE DATA FROM MULTIPLE SOURCES, CREATE VISUALS, AND PUBLISH REPORTS ACROSS PLATFORMS UNDERSTAND POWER BI CONCEPTS WITH REAL-WORLD USE CASES BOOK DESCRIPTION MICROSOFT POWER BI COMPLETE REFERENCE GUIDE GETS YOU STARTED WITH BUSINESS INTELLIGENCE BY SHOWING YOU HOW TO INSTALL THE POWER BI TOOLSET, DESIGN EFFECTIVE DATA MODELS, AND BUILD BASIC DASHBOARDS AND VISUALIZATIONS THAT MAKE YOUR DATA COME TO LIFE.

IN THIS LEARNING PATH, YOU WILL LEARN TO CREATE POWERFUL INTERACTIVE REPORTS BY VISUALIZING YOUR DATA AND LEARN VISUALIZATION STYLES, TIPS AND TRICKS TO BRING YOUR DATA TO LIFE. YOU WILL BE ABLE TO ADMINISTER YOUR ORGANIZATION'S POWER BI ENVIRONMENT TO CREATE AND SHARE DASHBOARDS. YOU WILL ALSO BE ABLE TO STREAMLINE DEPLOYMENT BY IMPLEMENTING SECURITY AND REGULAR DATA REFRESHES. NEXT, YOU WILL DELVE DEEPER INTO THE NUANCES OF POWER BI AND HANDLING PROJECTS. YOU WILL GET ACQUAINTED WITH PLANNING A POWER BI PROJECT, DEVELOPMENT, AND DISTRIBUTION OF CONTENT, AND DEPLOYMENT. YOU WILL LEARN TO CONNECT AND EXTRACT DATA FROM VARIOUS SOURCES TO CREATE ROBUST DATASETS, REPORTS, AND DASHBOARDS. ADDITIONALLY, YOU WILL LEARN HOW TO FORMAT REPORTS AND APPLY CUSTOM VISUALS, ANIMATION AND ANALYTICS TO FURTHER REFINE YOUR DATA. BY THE END OF THIS LEARNING PATH, YOU WILL LEARN TO IMPLEMENT THE VARIOUS POWER BI TOOLS SUCH AS ON-PREMISES GATEWAY TOGETHER ALONG WITH STAGING AND SECURELY DISTRIBUTING CONTENT VIA APPS. THIS LEARNING PATH INCLUDES CONTENT FROM THE FOLLOWING PACKT PRODUCTS: MICROSOFT POWER BI QUICK START GUIDE BY DEVIN KNIGHT ET AL. MASTERING MICROSOFT POWER BI BY BRETT POWELL WHAT YOU WILL LEARN CONNECT TO DATA SOURCES USING BOTH IMPORT AND DIRECT QUERY OPTIONS LEVERAGE BUILT-IN AND CUSTOM VISUALS TO DESIGN EFFECTIVE REPORTS ADMINISTER A POWER BI CLOUD TENANT FOR YOUR ORGANIZATION DEPLOY YOUR POWER BI DESKTOP FILES INTO THE POWER BI REPORT SERVER BUILD EFFICIENT DATA RETRIEVAL AND TRANSFORMATION PROCESSES WHO THIS BOOK IS FOR MICROSOFT POWER BI COMPLETE REFERENCE GUIDE IS FOR THOSE WHO WANT TO LEARN AND USE THE POWER BI FEATURES TO EXTRACT MAXIMUM INFORMATION AND MAKE INTELLIGENT DECISIONS THAT BOOST THEIR BUSINESS. IF YOU HAVE A BASIC UNDERSTANDING OF BI CONCEPTS AND WANT TO LEARN HOW TO APPLY THEM USING MICROSOFT POWER BI, THEN LEARNING PATH IS FOR YOU. IT CONSISTS OF REAL-WORLD EXAMPLES ON POWER BI AND GOES DEEP INTO THE TECHNICAL ISSUES, COVERS ADDITIONAL PROTOCOLS, AND MUCH MORE.

## **REQUIREMENTS ENGINEERING - KLAUS POHL 2010-07-24**

REQUIREMENTS ENGINEERING IS THE PROCESS OF ELICITING INDIVIDUAL STAKEHOLDER REQUIREMENTS AND NEEDS AND DEVELOPING THEM INTO DETAILED, AGREED REQUIREMENTS DOCUMENTED AND SPECIFIED IN SUCH A WAY THAT THEY CAN SERVE AS THE BASIS FOR ALL OTHER SYSTEM DEVELOPMENT ACTIVITIES. IN THIS TEXTBOOK, KLAUS POHL PROVIDES A COMPREHENSIVE AND WELL-STRUCTURED INTRODUCTION TO THE FUNDAMENTALS, PRINCIPLES, AND TECHNIQUES OF REQUIREMENTS ENGINEERING. HE PRESENTS APPROVED TECHNIQUES FOR ELICITING, NEGOTIATING AND DOCUMENTING AS WELL AS VALIDATING, AND MANAGING REQUIREMENTS FOR SOFTWARE-INTENSIVE SYSTEMS. THE VARIOUS ASPECTS OF THE PROCESS AND THE TECHNIQUES ARE ILLUSTRATED USING NUMEROUS EXAMPLES BASED ON HIS EXTENSIVE TEACHING EXPERIENCE AND HIS WORK IN INDUSTRIAL COLLABORATIONS. HIS PRESENTATION AIMS AT PROFESSIONALS, STUDENTS, AND LECTURERS IN SYSTEMS AND SOFTWARE ENGINEERING OR BUSINESS APPLICATIONS DEVELOPMENT. PROFESSIONALS SUCH AS PROJECT MANAGERS, SOFTWARE ARCHITECTS, SYSTEMS ANALYSTS, AND SOFTWARE ENGINEERS WILL BENEFIT IN THEIR DAILY WORK FROM THE DIDACTICALLY WELL-PRESENTED COMBINATION OF VALIDATED PROCEDURES AND INDUSTRIAL EXPERIENCE. STUDENTS AND LECTURERS WILL APPRECIATE THE COMPREHENSIVE DESCRIPTION OF SOUND FUNDAMENTALS, PRINCIPLES, AND TECHNIQUES, WHICH IS COMPLETED BY A HUGE COMMENTED LIST OF REFERENCES FOR FURTHER READING. LECTURERS WILL FIND ADDITIONAL TEACHING MATERIAL ON THE BOOK'S WEBSITE, WWW.REQUIREMENTS-BOOK.COM.

## **ARCHIMATE® 3.0.1 SPECIFICATION - THE OPEN GROUP 2017-09-28**

THE ARCHIMATE® SPECIFICATION, AN OPEN GROUP STANDARD, DEFINES AN OPEN AND INDEPENDENT MODELING LANGUAGE FOR ENTERPRISE ARCHITECTURE THAT IS SUPPORTED BY DIFFERENT TOOL VENDORS AND CONSULTING FIRMS. THE ARCHIMATE LANGUAGE ENABLES ENTERPRISE ARCHITECTS TO DESCRIBE, ANALYZE, AND VISUALIZE THE RELATIONSHIPS AMONG BUSINESS DOMAINS IN AN UNAMBIGUOUS WAY. THIS BOOK IS THE OFFICIAL SPECIFICATION OF THE ARCHIMATE 3.0.1 MODELING LANGUAGE FROM THE OPEN GROUP. ARCHIMATE 3.0.1 IS A MINOR UPDATE TO ARCHIMATE 3.0, CONTAINING THE SET OF CORRECTIONS FROM ARCHIMATE 3.0 TECHNICAL CORRIGENDUM No. 1 (U172). THIS ADDRESSES INCONSISTENCIES AND ERRORS IDENTIFIED SINCE THE PUBLICATION OF VERSION 3.0 IN JUNE 2016. THE ARCHIMATE SPECIFICATION SUPPORTS MODELING THROUGHOUT THE TOGAF® ARCHITECTURE DEVELOPMENT METHOD (ADM). NEW FEATURES IN VERSION 3 INCLUDE ELEMENTS FOR MODELING THE ENTERPRISE AT A STRATEGIC LEVEL, SUCH AS CAPABILITY, RESOURCE, AND OUTCOME. IT ALSO INCLUDES SUPPORT TO MODEL THE PHYSICAL WORLD OF MATERIALS AND EQUIPMENT. FURTHERMORE, THE CONSISTENCY AND STRUCTURE OF THE LANGUAGE HAVE BEEN IMPROVED, DEFINITIONS HAVE BEEN ALIGNED WITH OTHER STANDARDS, AND ITS USABILITY HAS BEEN ENHANCED IN VARIOUS OTHER WAYS. THE INTENDED AUDIENCE IS THREEFOLD: \* ENTERPRISE ARCHITECTURE PRACTITIONERS, SUCH AS ARCHITECTS (E.G., BUSINESS, APPLICATION, INFORMATION, PROCESS, INFRASTRUCTURE, AND, OBVIOUSLY, ENTERPRISE ARCHITECTS), SENIOR AND OPERATIONAL MANAGEMENT, PROJECT LEADERS, AND ANYONE

COMMITTED TO WORK WITHIN THE REFERENCE FRAMEWORK DEFINED BY THE ENTERPRISE ARCHITECTURE. • THOSE WHO INTEND TO IMPLEMENT THE ARCHIMATE LANGUAGE IN A SOFTWARE TOOL; THEY WILL FIND A COMPLETE AND DETAILED DESCRIPTION OF THE LANGUAGE IN THIS BOOK. • THE ACADEMIC COMMUNITY, ON WHICH WE RELY FOR AMENDING AND IMPROVING THE LANGUAGE, BASED ON STATE-OF-THE-ART RESEARCH RESULTS IN THE ENTERPRISE ARCHITECTURE FIELD.

*CBAP / CCBA CERTIFIED BUSINESS ANALYSIS STUDY GUIDE - SUSAN WEESE 2017-01-04*

THE BESTSELLING CBAP/CCBA STUDY GUIDE, UPDATED FOR EXAM v3.0 THE CBAP/CCBA CERTIFIED BUSINESS ANALYSIS STUDY GUIDE, SECOND EDITION OFFERS 100% COVERAGE OF ALL EXAM OBJECTIVES FOR THE CERTIFIED BUSINESS ANALYSIS PROFESSIONAL (CBAP) AND CERTIFICATION OF COMPETENCY IN BUSINESS ANALYSIS (CCBA) EXAMS OFFERED BY THE INTERNATIONAL INSTITUTE OF BUSINESS ANALYSIS (IIBA). DETAILED COVERAGE ENCOMPASSES ALL SIX KNOWLEDGE AREAS DEFINED BY THE GUIDE TO BUSINESS ANALYSIS BODY OF KNOWLEDGE (BABOK): PLANNING AND MONITORING, ELICITATION, REQUIREMENTS MANAGEMENT AND COMMUNICATION, ENTERPRISE ANALYSIS, REQUIREMENTS ANALYSIS, AND SOLUTION ASSESSMENT AND VALIDATION, INCLUDING EXPERT GUIDANCE TOWARD ALL UNDERLYING COMPETENCIES. REAL-WORLD SCENARIOS HELP YOU ALIGN YOUR EXISTING EXPERIENCE WITH THE BABOK, AND TOPIC SUMMARIES, TIPS AND TRICKS, PRACTICE QUESTIONS, AND OBJECTIVE-MAPPING GIVE YOU A SOLID FRAMEWORK FOR SUCCESS ON THE EXAM. YOU ALSO GAIN ACCESS TO THE SYBEX INTERACTIVE LEARNING ENVIRONMENT, FEATURING REVIEW QUESTIONS, ELECTRONIC FLASHCARDS, AND FOUR PRACTICE EXAMS TO HELP YOU GAUGE YOUR UNDERSTANDING AND BE FULLY PREPARED EXAM DAY. AS MORE AND MORE ORGANIZATIONS SEEK TO STREAMLINE PRODUCTION MODELS, THE DEMAND FOR QUALIFIED BUSINESS ANALYSTS IS GROWING. THIS GUIDE PROVIDES A PERSONALIZED STUDY PROGRAM TO HELP YOU TAKE YOUR PLACE AMONG THOSE CERTIFIED IN ESSENTIAL BUSINESS ANALYSIS SKILLS. REVIEW THE BABOK STANDARDS AND BEST PRACTICES MASTER THE CORE BUSINESS ANALYSIS COMPETENCIES TEST YOUR PREPAREDNESS WITH FOCUSED REVIEW QUESTIONS ACCESS CBAP AND CCBA PRACTICE EXAMS, STUDY TOOLS, AND MORE AS THE LIAISON BETWEEN THE CUSTOMER AND THE TECHNICAL TEAM, THE BUSINESS ANALYST IS INTEGRAL TO ENSURING THAT THE SOLUTION SATISFIES THE CUSTOMER'S NEEDS. THE BABOK STANDARDS CODIFY BEST PRACTICES FOR THIS ESSENTIAL ROLE, AND THE CBAP AND CCBA CERTIFICATIONS PROVE YOUR ABILITY TO PERFORM THEM EFFECTIVELY. THE CBAP/CCBA CERTIFIED BUSINESS ANALYSIS STUDY GUIDE, SECOND EDITION PROVIDES THOROUGH PREPARATION CUSTOMIZABLE TO YOUR NEEDS, TO HELP YOU MAXIMIZE YOUR STUDY TIME AND ENSURE YOUR SUCCESS.

*MASTERING ARCHIMATE - GERBEN WIERDA 2017*

**BPMN METHOD AND STYLE - BRUCE SILVER 2009**

CREATING BUSINESS PROCESS MODELS THAT CAN BE SHARED EFFECTIVELY ACROSS THE BUSINESS - AND BETWEEN BUSINESS AND IT - DEMANDS MORE THAN A DIGEST OF BPMN SHAPES AND SYMBOLS. IT REQUIRES A STEP-BY-STEP METHODOLOGY FOR GOING FROM A BLANK PAGE TO A COMPLETE PROCESS DIAGRAM. IT ALSO REQUIRES CONSISTENT APPLICATION OF A MODELING STYLE, SO THAT THE MODELER'S MEANING IS CLEAR FROM THE DIAGRAM ITSELF. AUTHOR BRUCE SILVER EXPLAINS NOT ONLY THE MEANING AND PROPER USAGE OF THE ENTIRE BPMN 2.0 PALETTE, BUT CALLS OUT THE WORKING SUBSET THAT YOU REALLY NEED TO KNOW. HE ALSO REVEALS THE HIDDEN ASSUMPTIONS OF CORE CONCEPTS LEFT UNEXPLAINED IN THE SPEC, THE KEY TO BPMN'S DEEPER MEANING. THE BOOK ADDRESSES BPMN AT THREE LEVELS, WITH PRIMARY FOCUS ON THE FIRST TWO. LEVEL 1, OR DESCRIPTIVE BPMN, USES A BASIC WORKING SET OF SHAPES AND SYMBOLS TO MEET THE NEEDS OF BUSINESS USERS DOING PROCESS MAPPING. LEVEL 2, OR ANALYTICAL BPMN, IS AIMED AT BUSINESS ANALYSTS AND ARCHITECTS. IT TAKES ADVANTAGE OF BPMN'S EXPRESSIVENESS FOR DETAILING EVENT AND EXCEPTION HANDLING, KEY TO ANALYZING AND IMPROVING PROCESS PERFORMANCE AND QUALITY. LEVEL 3, OR EXECUTABLE BPMN, IS BRAND NEW IN BPMN 2.0. HERE THE XML UNDERNEATH THE DIAGRAM SHAPES BECOMES AN EXECUTABLE DESIGN CAN BE DEPLOYED TO A PROCESS ENGINE TO AUTOMATE THE PROCESS. THE METHOD AND STYLE DETAILED IN THE BOOK ALIGNS THESE THREE LEVELS, FACILITATING BUSINESS-IT COLLABORATION THROUGHOUT THE PROCESS LIFECYCLE. INSIDE THE BOOK YOU'LL FIND DISCUSSIONS, ILLUSTRATED WITH OVER 100 EXAMPLES, ABOUT: THE QUESTIONS BPMN ASKS, AND DOES NOT ASK THE MEANING OF BASIC CONCEPTS LIKE STARTING AND COMPLETING, SENDING AND RECEIVING, WAITING AND LISTENING SUBPROCESSES AND HIERARCHICAL MODELING STYLE THE FIVE BASIC STEPS IN CREATING LEVEL 1 MODELS EVENT AND EXCEPTION-HANDLING PATTERNS BRANCHING AND MERGING PATTERNS LEVEL 2 MODELING METHOD ELEMENTS OF BPMN STYLE: ELEMENT USAGE AND DIAGRAM COMPOSITION

*ENTERPRISE MODELING - KURT SANDKUHL 2014-09-15*

ENTERPRISE MODELING (EM) METHODS AND TECHNIQUES ARE INDISPENSABLE FOR UNDERSTANDING THE PRESENT SITUATION OF AN ENTERPRISE AND FOR PREPARING FOR ITS FUTURE - PARTICULARLY IN TIMES OF CONTINUOUS ORGANIZATIONAL CHANGE, AN INCREASING PACE OF INNOVATION, NEW MARKET CHALLENGES OR TECHNOLOGY ADVANCES. THE AUTHORS COMBINE A DETAILED DESCRIPTION OF THE 4EM METHODOLOGY WITH THEIR CONCRETE EXPERIENCE GATHERED IN PROJECTS. THEIR BOOK ADDRESSES THE MODELING PROCEDURE, MODELING LANGUAGE AND MODELING PRACTICES IN A UNIQUELY INTEGRATED APPROACH. IT PROVIDES PRACTICAL ADVICE ON COMMON CHALLENGES FACED BY ENTERPRISES AND OFFERS A FLEXIBLE EM METHOD SUITABLE FOR TACKLING THOSE CHALLENGES. MUCH OF THE WORK PRESENTED STEMS FROM ACTUAL RESEARCH PROJECTS AND HAS BEEN VALIDATED WITH SCIENTIFIC METHODS. THE 4EM METHODOLOGY HAS PROVEN ITS PRACTICAL VALUE IN A LARGE NUMBER OF SUCCESSFUL DEVELOPMENT AND/OR CHANGE MANAGEMENT PROJECTS IN INDUSTRY AND THE PUBLIC SECTOR. THE BOOK WAS WRITTEN FOR ANYONE WHO WANTS TO LEARN MORE ABOUT EM, WITH A SPECIFIC FOCUS ON HOW TO DO IT IN PRACTICE AND/OR HOW TO TEACH IT. ITS MAIN TARGET AUDIENCE THUS INCLUDES INSTRUCTORS IN THE FIELD OF EM OR BUSINESS INFORMATION SYSTEMS, STUDENTS IN INFORMATION SYSTEMS OR BUSINESS ADMINISTRATION, AND PRACTITIONERS WORKING IN ENTERPRISE OR CHANGE MANAGEMENT. THE AUTHORS DESCRIBE A CLEAR READING PATH FOR EACH OF THESE AUDIENCES AND COMPLEMENT THE WORK WITH A SET OF SLIDES AND FURTHER TEACHING MATERIAL AVAILABLE UNDER [WWW.4EM-METHOD.COM](http://www.4em-method.com).

**FOWLER - MARTIN FOWLER 2012-03-09**

THE PRACTICE OF ENTERPRISE APPLICATION DEVELOPMENT HAS BENEFITED FROM THE EMERGENCE OF MANY NEW ENABLING TECHNOLOGIES. MULTI-TIERED OBJECT-ORIENTED PLATFORMS, SUCH AS JAVA AND .NET, HAVE BECOME COMMONPLACE. THESE NEW TOOLS AND TECHNOLOGIES ARE CAPABLE OF BUILDING POWERFUL APPLICATIONS, BUT THEY ARE NOT EASILY IMPLEMENTED. COMMON FAILURES IN ENTERPRISE APPLICATIONS OFTEN OCCUR BECAUSE THEIR DEVELOPERS DO NOT UNDERSTAND THE ARCHITECTURAL LESSONS THAT EXPERIENCED OBJECT DEVELOPERS HAVE LEARNED. PATTERNS OF ENTERPRISE APPLICATION ARCHITECTURE IS WRITTEN IN DIRECT RESPONSE TO THE STIFF CHALLENGES THAT FACE ENTERPRISE APPLICATION DEVELOPERS. THE AUTHOR, NOTED OBJECT-ORIENTED DESIGNER MARTIN FOWLER, NOTICED THAT DESPITE CHANGES IN TECHNOLOGY--FROM SMALLTALK TO CORBA TO JAVA TO .NET--THE SAME BASIC DESIGN IDEAS CAN BE ADAPTED AND APPLIED TO SOLVE COMMON PROBLEMS. WITH THE HELP OF AN EXPERT GROUP OF CONTRIBUTORS, MARTIN DISTILLS OVER FORTY RECURRING SOLUTIONS INTO PATTERNS. THE RESULT IS AN INDISPENSABLE HANDBOOK OF SOLUTIONS THAT ARE APPLICABLE TO ANY ENTERPRISE APPLICATION PLATFORM. THIS BOOK IS ACTUALLY TWO BOOKS IN ONE. THE FIRST SECTION IS A SHORT TUTORIAL ON DEVELOPING ENTERPRISE APPLICATIONS, WHICH YOU CAN READ FROM START TO FINISH TO UNDERSTAND THE SCOPE OF THE BOOK'S LESSONS. THE NEXT SECTION, THE BULK OF THE BOOK, IS A DETAILED REFERENCE TO THE PATTERNS THEMSELVES. EACH PATTERN PROVIDES USAGE AND IMPLEMENTATION INFORMATION, AS WELL AS DETAILED CODE EXAMPLES IN JAVA OR C#. THE ENTIRE BOOK IS ALSO RICHLY ILLUSTRATED WITH UML DIAGRAMS TO FURTHER EXPLAIN THE CONCEPTS. ARMED WITH THIS BOOK, YOU WILL HAVE THE KNOWLEDGE NECESSARY TO MAKE IMPORTANT ARCHITECTURAL DECISIONS ABOUT BUILDING AN ENTERPRISE APPLICATION AND THE PROVEN PATTERNS FOR USE WHEN BUILDING THEM. THE TOPICS COVERED INCLUDE • DIVIDING AN ENTERPRISE APPLICATION INTO LAYERS • THE MAJOR APPROACHES TO ORGANIZING BUSINESS LOGIC • AN IN-DEPTH TREATMENT OF MAPPING BETWEEN OBJECTS AND RELATIONAL DATABASES • USING MODEL-VIEW-CONTROLLER TO ORGANIZE A WEB PRESENTATION • HANDLING CONCURRENCY FOR DATA THAT SPANS MULTIPLE TRANSACTIONS • DESIGNING DISTRIBUTED OBJECT INTERFACES

**MASTERING ARCHIMATE - GERBEN WIERDA 2014-03**

MASTERING ARCHIMATE IS A BOOK ABOUT THE ARCHIMATE(R) ENTERPRISE ARCHITECTURE MODELING LANGUAGE, WHICH IS AN OPEN STANDARD AND A REGISTERED TRADE MARK OF THE OPEN GROUP. THIS BOOK GIVES AN INTRODUCTION TO THE LANGUAGE AND THEN GOES ON TO SHOW YOU MANY DIFFERENT PATTERNS FOR ITS USE. FROM BUSINESS TO INFRASTRUCTURE, FROM RISK & SECURITY TO APPLICATION EXPLOITATION AND MAINTENANCE. THE FIRST EDITION WAS PUBLISHED IN 2012 AND QUICKLY BECAME WIDELY USED. THE OPEN GROUP EVEN PUBLISHED A WHITE PAPER "ARCHIMATE, UNDERSTANDING THE BASICS" THAT WAS ALMOST LITERALLY TAKEN FROM THE ARCHIMATE BASICS CHAPTER OF THE FIRST EDITION OF THIS BOOK. THIS SECOND EDITION HAS TWICE THE DIAGRAMS IN A BOOK ROUGHLY ONE AND A HALF TIMES THE PAGES OF THE FIRST EDITION. THERE ARE SEVERAL NEW SUBJECTS, LIKE LINKING ARCHIMATE TO BPMN. IT HAS BEEN UPDATED TO ARCHIMATE 2.1. GERBEN WIERDA (1961) IS LEAD ARCHITECT OF APG ASSET MANAGEMENT, ONE OF THE LARGEST FIDUCIARY MANAGERS IN THE WORLD. HE HAS OVERSEEN THE CONSTRUCTION OF ONE OF THE LARGEST SINGLE ARCHIMATE MODELS IN THE WORLD TO DATE. HE HOLDS AN M.SC. IN PHYSICS FROM THE UNIVERSITY OF GRONINGEN AND AN MBA FROM RSM ERASMUS, ROTTERDAM.

**AUTOMATED TESTING IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL - LUC VAN VUGT 2019-04-30**

LEARN HOW TO WRITE AUTOMATED TESTS FOR DYNAMICS 365 BUSINESS CENTRAL AND SEE HOW TO IMPLEMENT IT IN YOUR DAILY WORK KEY FEATURESLEVERAGE AUTOMATED TESTING TO ADVANCE OVER TRADITIONAL MANUAL TESTING METHODSWRITE, DESIGN, AND IMPLEMENT AUTOMATED TESTSEXPLORE VARIOUS TESTING FRAMEWORKS AND TOOLS COMPATIBLE WITH MICROSOFT DYNAMICS 365 BUSINESS CENTRALBOOK DESCRIPTION DYNAMICS 365 BUSINESS CENTRAL IS THE NEW CLOUD-BASED SAAS ERP PROPOSITION FROM MICROSOFT. IT'S NOT AS SIMPLE AS IT USED TO BE WAY BACK WHEN IT WAS CALLED NAVIGATOR, NAVISION FINANCIALS, OR MICROSOFT BUSINESS SOLUTIONS-NAVISION. OUR DEVELOPMENT PRACTICES ARE BECOMING MORE FORMAL, AND WITH THIS, THE CALL FOR TEST AUTOMATION IS PRESSING ON US. THIS BOOK WILL TEACH YOU TO LEVERAGE TESTING TOOLS AVAILABLE WITH DYNAMICS 365 BUSINESS CENTRAL TO PERFORM AUTOMATED TESTING. WE'LL BEGIN WITH A QUICK INTRODUCTION TO AUTOMATED TESTING, FOLLOWED BY AN OVERVIEW OF TEST AUTOMATION IN DYNAMICS 365 BUSINESS CENTRAL. THEN YOU'LL LEARN TO DESIGN AND BUILD AUTOMATED TESTS AND WE'LL GO THROUGH SOME EFFICIENT METHODS TO GET FROM REQUIREMENTS TO APPLICATION AND TESTING CODE. LASTLY, YOU'LL LEARN TO INCORPORATE YOUR OWN AND MICROSOFT TESTS INTO YOUR DAILY DEVELOPMENT PRACTICE. BY THE END OF THE BOOK, YOU'LL BE ABLE TO WRITE YOUR OWN AUTOMATED TESTS FOR DYNAMICS 365 BUSINESS CENTRAL. WHAT YOU WILL LEARNUNDERSTAND WHAT AUTOMATED TESTS ARE, AND WHEN AND WHY TO USE THEMEXPLORE THE FIVE PILLARS OF THE TESTABILITY FRAMEWORK OF BUSINESS CENTRALDESIGN AND WRITE AUTOMATED TESTS FOR BUSINESS CENTRALMAKE USE OF STANDARD AUTOMATED TESTS AND THEIR HELPER LIBRARIESINTEGRATE AUTOMATED TESTS INTO YOUR DEVELOPMENT PRACTICEWHO THIS BOOK IS FOR THIS BOOK IS FOR CONSULTANTS, TESTERS, DEVELOPERS, AND DEVELOPMENT MANAGERS WORKING WITH MICROSOFT DYNAMICS NAV AND BUSINESS CENTRAL. BEING A BOOK ON AUTOMATED TESTING TECHNIQUES, IT ALSO CATERS TO BOTH FUNCTIONAL AND TECHNICAL DEVELOPMENT TEAMS.

**THE PRACTICE OF ENTERPRISE MODELING - JAAP GORDIJN 2019-11-19**

THIS VOLUME CONSTITUTES THE PROCEEDINGS OF THE 12TH IFIP WG 8.1 CONFERENCE ON THE PRACTICE OF ENTERPRISE MODELING HELD IN NOVEMBER 2019 IN LUXEMBOURG, LUXEMBOURG. THE CONFERENCE WAS CREATED BY THE INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING (IFIP) WORKING GROUP 8.1 TO OFFER A FORUM FOR KNOWLEDGE TRANSFER AND EXPERIENCE SHARING BETWEEN THE ACADEMIC AND PRACTITIONER COMMUNITIES. THE 15 FULL PAPERS ACCEPTED WERE CAREFULLY REVIEWED AND SELECTED FROM 35 SUBMISSIONS. THEY ARE GROUPED BY THE FOLLOWING TOPICS: MODELING AND ONTOLOGIES; REFERENCE ARCHITECTURES AND PATTERNS; METHODS FOR ARCHITECTURES AND MODELS; AND ENTERPRISE ARCHITECTURE FOR SECURITY, PRIVACY AND COMPLIANCE. *MASTERING ARCHIMATE - G.C.TH. WIERDA 2012*

*DATA MANAGEMENT AT SCALE* - PIETHEIN STRENGHOLT 2020-07-29

AS DATA MANAGEMENT AND INTEGRATION CONTINUE TO EVOLVE RAPIDLY, STORING ALL YOUR DATA IN ONE PLACE, SUCH AS A DATA WAREHOUSE, IS NO LONGER SCALABLE. IN THE VERY NEAR FUTURE, DATA WILL NEED TO BE DISTRIBUTED AND AVAILABLE FOR SEVERAL TECHNOLOGICAL SOLUTIONS. WITH THIS PRACTICAL BOOK, YOU'LL LEARN HOW TO MIGRATE YOUR ENTERPRISE FROM A COMPLEX AND TIGHTLY COUPLED DATA LANDSCAPE TO A MORE FLEXIBLE ARCHITECTURE READY FOR THE MODERN WORLD OF DATA CONSUMPTION. EXECUTIVES, DATA ARCHITECTS, ANALYTICS TEAMS, AND COMPLIANCE AND GOVERNANCE STAFF WILL LEARN HOW TO BUILD A MODERN SCALABLE DATA LANDSCAPE USING THE SCALED ARCHITECTURE, WHICH YOU CAN INTRODUCE INCREMENTALLY WITHOUT A LARGE UPFRONT INVESTMENT. AUTHOR PIETHEIN STRENGHOLT PROVIDES BLUEPRINTS, PRINCIPLES, OBSERVATIONS, BEST PRACTICES, AND PATTERNS TO GET YOU UP TO SPEED. EXAMINE DATA MANAGEMENT TRENDS, INCLUDING TECHNOLOGICAL DEVELOPMENTS, REGULATORY REQUIREMENTS, AND PRIVACY CONCERNS GO DEEP INTO THE SCALED ARCHITECTURE AND LEARN HOW THE PIECES FIT TOGETHER EXPLORE DATA GOVERNANCE AND DATA SECURITY, MASTER DATA MANAGEMENT, SELF-SERVICE DATA MARKETPLACES, AND THE IMPORTANCE OF METADATA

*ENTERPRISE ARCHITECTURE AT WORK* - MARC LANKHORST 2012-08-20

AN ENTERPRISE ARCHITECTURE TRIES TO DESCRIBE AND CONTROL AN ORGANISATION'S STRUCTURE, PROCESSES, APPLICATIONS, SYSTEMS AND TECHNIQUES IN AN INTEGRATED WAY. THE UNAMBIGUOUS SPECIFICATION AND DESCRIPTION OF COMPONENTS AND THEIR RELATIONSHIPS IN SUCH AN ARCHITECTURE REQUIRES A COHERENT ARCHITECTURE MODELLING LANGUAGE. LANKHORST AND HIS CO-AUTHORS PRESENT SUCH AN ENTERPRISE MODELLING LANGUAGE THAT CAPTURES THE COMPLEXITY OF ARCHITECTURAL DOMAINS AND THEIR RELATIONS AND ALLOWS THE CONSTRUCTION OF INTEGRATED ENTERPRISE ARCHITECTURE MODELS. THEY PROVIDE ARCHITECTS WITH CONCRETE INSTRUMENTS THAT IMPROVE THEIR ARCHITECTURAL PRACTICE. AS THIS IS NOT ENOUGH, THEY ADDITIONALLY PRESENT TECHNIQUES AND HEURISTICS FOR COMMUNICATING WITH ALL RELEVANT STAKEHOLDERS ABOUT THESE ARCHITECTURES. SINCE AN ARCHITECTURE MODEL IS USEFUL NOT ONLY FOR PROVIDING INSIGHT INTO THE CURRENT OR FUTURE SITUATION BUT CAN ALSO BE USED TO EVALUATE THE TRANSITION FROM 'AS-IS' TO 'TO-BE', THE AUTHORS ALSO DESCRIBE ANALYSIS METHODS FOR ASSESSING BOTH THE QUALITATIVE IMPACT OF CHANGES TO AN ARCHITECTURE AND THE QUANTITATIVE ASPECTS OF ARCHITECTURES, SUCH AS PERFORMANCE AND COST ISSUES. THE MODELLING LANGUAGE PRESENTED HAS BEEN PROVEN IN PRACTICE IN MANY REAL-LIFE CASE STUDIES AND HAS BEEN ADOPTED BY THE OPEN GROUP AS AN INTERNATIONAL STANDARD. SO THIS BOOK IS AN IDEAL COMPANION FOR ENTERPRISE IT OR BUSINESS ARCHITECTS IN INDUSTRY AS WELL AS FOR COMPUTER OR MANAGEMENT SCIENCE STUDENTS STUDYING THE FIELD OF ENTERPRISE ARCHITECTURE.

*DESIGNED FOR DIGITAL* - JEANNE W. ROSS 2019-09-24

PRACTICAL ADVICE FOR REDESIGNING "BIG, OLD" COMPANIES FOR DIGITAL SUCCESS, WITH EXAMPLES FROM AMAZON, BNY MELLON, LEGO, PHILIPS, USAA, AND MANY OTHER GLOBAL ORGANIZATIONS. MOST ESTABLISHED COMPANIES HAVE DEPLOYED SUCH DIGITAL TECHNOLOGIES AS THE CLOUD, MOBILE APPS, THE INTERNET OF THINGS, AND ARTIFICIAL INTELLIGENCE. BUT FEW ESTABLISHED COMPANIES ARE DESIGNED FOR DIGITAL. THIS BOOK OFFERS AN ESSENTIAL GUIDE FOR RETOOLING ORGANIZATIONS FOR DIGITAL SUCCESS. IN THE DIGITAL ECONOMY, RAPID PACE OF CHANGE IN TECHNOLOGY CAPABILITIES AND CUSTOMER DESIRES MEANS THAT BUSINESS STRATEGY MUST BE FLUID. AS A RESULT, THE AUTHORS EXPLAIN, BUSINESS DESIGN HAS BECOME A CRITICAL MANAGEMENT RESPONSIBILITY. EFFECTIVE BUSINESS DESIGN ENABLES A COMPANY TO QUICKLY PIVOT IN RESPONSE TO NEW COMPETITIVE THREATS AND OPPORTUNITIES. MOST LEADERS TODAY, HOWEVER, RELY ON ORGANIZATIONAL STRUCTURE TO IMPLEMENT STRATEGY, UNAWARE THAT STRUCTURE INHIBITS, RATHER THAN ENABLES, AGILITY. IN COMPANIES THAT ARE DESIGNED FOR DIGITAL, PEOPLE, PROCESSES, DATA, AND TECHNOLOGY ARE SYNCHRONIZED TO IDENTIFY AND DELIVER INNOVATIVE CUSTOMER SOLUTIONS—AND REDEFINE STRATEGY. DIGITAL DESIGN, NOT STRATEGY, IS WHAT SEPARATES WINNERS FROM LOSERS IN THE DIGITAL ECONOMY. DESIGNED FOR DIGITAL OFFERS PRACTICAL ADVICE ON DIGITAL TRANSFORMATION, WITH EXAMPLES THAT INCLUDE AMAZON, BNY MELLON, DBS BANK, LEGO, PHILIPS, SCHNEIDER ELECTRIC, USAA, AND MANY OTHER GLOBAL ORGANIZATIONS. DRAWING ON FIVE YEARS OF RESEARCH AND IN-DEPTH CASE STUDIES, THE BOOK IS AN ESSENTIAL GUIDE FOR COMPANIES THAT WANT TO DISRUPT RATHER THAN BE DISRUPTED IN THE NEW DIGITAL LANDSCAPE. FIVE BUILDING BLOCKS OF DIGITAL BUSINESS SUCCESS SHARED CUSTOMER INSIGHTS OPERATIONAL BACKBONE DIGITAL PLATFORM ACCOUNTABILITY FRAMEWORK EXTERNAL DEVELOPER PLATFORM

*ARCHIMATE® 2.0 SPECIFICATION* - THE OPEN GROUP 1970-01-01

ARCHIMATE®, AN OPEN GROUP STANDARD, IS AN OPEN AND INDEPENDENT MODELING LANGUAGE FOR ENTERPRISE ARCHITECTURE THAT IS SUPPORTED BY DIFFERENT TOOL VENDORS AND CONSULTING FIRMS. ARCHIMATE PROVIDES INSTRUMENTS TO ENABLE ENTERPRISE ARCHITECTS TO DESCRIBE, ANALYZE, AND VISUALIZE THE RELATIONSHIPS AMONG BUSINESS DOMAINS IN AN UNAMBIGUOUS WAY. THIS BOOK PROVIDES THE OFFICIAL SPECIFICATION OF ARCHIMATE 2.0 FROM THE OPEN GROUP. ARCHIMATE 2.0 IS AN UPWARDS-COMPATIBLE EVOLUTION FROM ARCHIMATE 1.0 ADDING NEW FEATURES, AS WELL AS ADDRESSING USAGE FEEDBACK. THE ARCHIMATE 2.0 STANDARD SUPPORTS MODELING THROUGHOUT THE TOGAF® ARCHITECTURE DEVELOPMENT METHOD (ADM). THE INTENDED AUDIENCE IS THREEFOLD: ENTERPRISE ARCHITECTURE PRACTITIONERS, SUCH AS ARCHITECTS (E.G., APPLICATION, INFORMATION, PROCESS, INFRASTRUCTURE, AND, OBVIOUSLY, ENTERPRISE ARCHITECTS), SENIOR AND OPERATIONAL MANAGEMENT, PROJECT LEADERS, AND ANYONE COMMITTED TO WORK WITHIN THE REFERENCE FRAMEWORK DEFINED BY THE ENTERPRISE ARCHITECTURE. THOSE WHO INTEND TO IMPLEMENT ARCHIMATE IN A SOFTWARE TOOL; THEY WILL FIND A COMPLETE AND DETAILED DESCRIPTION OF THE LANGUAGE IN THIS BOOK. THE ACADEMIC COMMUNITY, ON WHICH WE RELY FOR AMENDING AND IMPROVING THE LANGUAGE BASED ON STATE-OF-THE-ART RESEARCH RESULTS IN THE ARCHITECTURE FIELD.

*ARCHIMATE® 3.0.1 - A POCKET GUIDE* - ANDREW JOSEY 2017-10-03

ARCHIMATE®, AN OPEN GROUP STANDARD, IS AN OPEN AND INDEPENDENT MODELING LANGUAGE FOR ENTERPRISE ARCHITECTURE THAT IS

SUPPORTED BY DIFFERENT TOOL VENDORS AND CONSULTING FIRMS. THE ARCHIMATE LANGUAGE ENABLES ENTERPRISE ARCHITECTS TO DESCRIBE, ANALYZE, AND VISUALIZE THE RELATIONSHIPS AMONG ARCHITECTURE DOMAINS IN AN UNAMBIGUOUS WAY. THIS POCKET GUIDE IS BASED ON THE ARCHIMATE® 3.0.1 SPECIFICATION. IT GIVES A CONCISE INTRODUCTION TO THE ARCHIMATE LANGUAGE. WHAT'S MORE, IT'S AUTHORITATIVE WITH MATERIAL DERIVED FROM THE OFFICIAL ARCHIMATE DOCUMENTATION. TOPICS COVERED INCLUDE: A HIGH-LEVEL INTRODUCTION TO THE ARCHIMATE SPECIFICATION AND ITS RELATIONSHIP TO ENTERPRISE ARCHITECTURE\* THE HIGH-LEVEL STRUCTURE OF THE ARCHIMATE LANGUAGE, INCLUDING AN INTRODUCTION TO LAYERING, AND THE ARCHIMATE FRAMEWORK\* THE GENERIC METAMODEL FOR THE LANGUAGE\* THE RELATIONSHIPS THAT THE ARCHIMATE LANGUAGE INCLUDES TO MODEL THE LINKS BETWEEN ELEMENTS\* THE MOTIVATION ELEMENTS, WHICH INCLUDES CONCEPTS SUCH AS GOAL, PRINCIPLE, AND REQUIREMENT\* THE STRATEGY ELEMENTS, WHICH INCLUDES CONCEPTS SUCH AS RESOURCE, CAPABILITY, AND COURSE OF ACTION\* THE BUSINESS LAYER, WHICH INCLUDES THE MODELING CONCEPTS RELEVANT IN THE BUSINESS DOMAIN\* THE APPLICATION LAYER, WHICH INCLUDES MODELING CONCEPTS RELEVANT FOR SOFTWARE APPLICATIONS\* THE TECHNOLOGY LAYER, WHICH INCLUDES MODELING CONCEPTS RELEVANT FOR SYSTEM SOFTWARE APPLICATIONS AND INFRASTRUCTURE\* THE PHYSICAL ELEMENTS, WHICH INCLUDE CONCEPTS RELEVANT FOR THE MODELING OF PHYSICAL CONCEPTS LIKE MACHINES AND PHYSICAL INSTALLATIONS\* THE RELATIONSHIPS BETWEEN DIFFERENT LAYERS OF THE LANGUAGE\* THE IMPLEMENTATION AND MIGRATION ELEMENTS, WHICH INCLUDE CONCEPTS TO SUPPORT MODELING ENTERPRISE ARCHITECTURE-ENABLED TRANSFORMATION\* A SUMMARY OF THE MAJOR CHANGES FROM ARCHIMATE 2.1 TO ARCHIMATE 3\* A GLOSSARY OF TERMS

*MASTERING ARCHIMATE EDITION III* - GERBEN WIERDA 2017-08-24

THIRD EDITION OF THE MUCH PRAISED INTRODUCTION AND IN-DEPTH BOOK THAT TEACHES THE LEADING ENTERPRISE ARCHITECTURE MODELING LANGUAGE ARCHIMATE 3. INCLUDES EXPLANATIONS FOR MANY SUBJECTS THAT ARE MODELED, SUCH AS SOA/API, ESB, BITCOIN/BLOCKCHAIN, INFRASTRUCTURE AS CODE, ETC. ALSO CONTAINS A BPMN PRIMER. WITH 380 DIAGRAMS.

*ENTERPRISE ONTOLOGY* - JAN DIETZ 2006-05-16

IF ONE THING CATCHES THE EYE IN ALMOST ALL LITERATURE ABOUT (RE)DESIGNING OR (RE)ENGINEERING OF ENTERPRISES, IT IS THE LACK OF A WELL-FOUNDED THEORY ABOUT THEIR CONSTRUCTION AND OPERATION. OFTEN EVEN THE MOST BASIC NOTIONS LIKE "ACTION" OR "PROCESS" ARE NOT PRECISELY DEFINED. NEXT, IN ORDER TO MASTER THE DIVERSITY AND THE COMPLEXITY OF CONTEMPORARY ENTERPRISES, THEORIES ARE NEEDED THAT SEPARATE THE STABLE ESSENCE OF AN ENTERPRISE FROM THE VARIABLE WAY IN WHICH IT IS REALIZED AND IMPLEMENTED. SUCH A THEORY AND A MATCHING METHODOLOGY, WHICH HAS PASSED THE TEST OF PRACTICAL EXPERIENCE, CONSTITUTE THE CONTENTS OF THIS BOOK. THE ENTERPRISE ONTOLOGY, AS DEVELOPED BY DIETZ, IS THE STARTING POINT FOR PROFOUNDLY UNDERSTANDING THE ORGANIZATION OF AN ENTERPRISE AND SUBSEQUENTLY FOR ANALYZING, (RE)DESIGNING, AND (RE)ENGINEERING IT. THE APPROACH COVERS NUMEROUS ISSUES IN AN INTEGRATED WAY: BUSINESS PROCESSES, IN- AND OUTSOURCING, INFORMATION SYSTEMS, MANAGEMENT CONTROL, STAFFING ETC. RESEARCHERS AND STUDENTS IN ENTERPRISE ENGINEERING OR RELATED FIELDS WILL DISCOVER IN THIS BOOK A REVOLUTIONARY NEW WAY OF THINKING ABOUT BUSINESS AND ORGANIZATION. IN ADDITION, IT PROVIDES MANAGERS, BUSINESS ANALYSTS, AND ENTERPRISE INFORMATION SYSTEM DESIGNERS FOR THE FIRST TIME WITH A SOLID AND INTEGRATED INSIGHT INTO THEIR DAILY WORK.

*CAPABILITY MANAGEMENT IN DIGITAL ENTERPRISES* - KURT SANDKUHL 2018-07-28

PUTTING CAPABILITY MANAGEMENT INTO PRACTICE REQUIRES BOTH A SOLID THEORETICAL FOUNDATION AND REALISTIC APPROACHES. THIS BOOK INTRODUCES A DEVELOPMENT METHODOLOGY THAT INTEGRATES BUSINESS AND INFORMATION SYSTEM DEVELOPMENT AND RUN-TIME ADJUSTMENT BASED ON THE CONCEPT OF CAPABILITY BY PRESENTING THE MAIN FINDINGS OF THE CAAS PROJECT – THE CAPABILITY-DRIVEN DEVELOPMENT (CDD) METHODOLOGY, THE ARCHITECTURE AND COMPONENTS OF THE CDD ENVIRONMENT, EXAMPLES OF REAL-WORLD APPLICATIONS OF CDD, AND ASPECTS OF CDD USAGE FOR CREATING BUSINESS VALUE AND NEW OPPORTUNITIES. CAPABILITY THINKING CHARACTERIZES AN ORGANIZATIONAL MINDSET, PUTTING CAPABILITIES AT THE CENTER OF THE BUSINESS MODEL AND INFORMATION SYSTEMS DEVELOPMENT. IT IS EXPECTED TO HELP ORGANIZATIONS AND IN PARTICULAR DIGITAL ENTERPRISES TO INCREASE FLEXIBILITY AND AGILITY IN ADAPTING TO CHANGES IN THEIR ECONOMIC AND REGULATORY ENVIRONMENTS. CAPABILITY MANAGEMENT DENOTES THE PRINCIPLES OF HOW CAPABILITY THINKING SHOULD BE IMPLEMENTED IN AN ORGANIZATION AND THE ORGANIZATIONAL MEANS. THIS BOOK IS INTENDED FOR ANYONE WHO WANTS TO EXPLORE THE OPPORTUNITIES FOR DEVELOPING AND MANAGING CONTEXT-DEPENDENT BUSINESS CAPABILITIES AND THE SUPPORTING BUSINESS SERVICES. IT DOES NOT REQUIRE A DETAILED UNDERSTANDING OF SPECIFIC DEVELOPMENT METHODS AND TOOLS, ALTHOUGH SOME BACKGROUND KNOWLEDGE AND EXPERIENCE IN INFORMATION SYSTEM DEVELOPMENT IS ADVISABLE. THE INDIVIDUAL CHAPTERS HAVE BEEN WRITTEN BY LEADING RESEARCHERS IN THE FIELD OF INFORMATION SYSTEMS DEVELOPMENT, ENTERPRISE MODELING AND CAPABILITY MANAGEMENT, AS WELL AS PRACTITIONERS AND INDUSTRIAL EXPERTS FROM THESE FIELDS.

*INTRODUCTION TO SOLUTION ARCHITECTURE* - ALAN MCSWEENEY 2019-02-20

SOLUTION ARCHITECTURE IS CONCERNED WITH THE DESIGN AND DEFINITION OF (INFORMATION TECHNOLOGY) SOLUTIONS SO THEY CAN BE SUBSEQUENTLY IMPLEMENTED, USED, OPERATED AND SUPPORTED SECURELY AND EFFICIENTLY. THE SOLUTION EXISTS TO OPERATE BUSINESS PROCESSES IN ORDER TO ACHIEVE BUSINESS OBJECTIVES, MEET A BUSINESS NEED AND DELIVER BUSINESS VALUE. SOLUTION ARCHITECTURE IS CONCERNED WITH ENGAGING WITH THE ORIGINATING BUSINESS FUNCTION LOOKING FOR THE SOLUTION TO CREATE A SOLUTION VISION AND DESIGN A SOLUTION THAT MEET THEIR NEEDS, SUBJECT TO A RANGE OF CONSTRAINTS SUCH AS COST AND AFFORDABILITY, TIME TO DELIVER AND ORGANISATIONAL STANDARDS. THE SOLUTION MUST EXIST AS A COHERENT WHOLE. SOLUTIONS MUST BE DESIGNED CONSISTENTLY ACROSS THE SOLUTION LANDSCAPE AND MAKE OPTIMUM USE OF APPROPRIATE TECHNOLOGIES. SOLUTION ARCHITECTURE MUST FOCUS ON CREATING USABLE AND USEFUL SOLUTIONS. SOLUTION ARCHITECTURE MUST HAVE A STANDARD RELIABLE APPROACH TO BUSINESS ENGAGEMENTS AND THE DESIGN OF SOLUTION THAT EMERGE FROM THEM. SOLUTION ARCHITECTURE MUST WORK COLLABORATIVELY WITH OTHER INFORMATION TECHNOLOGY FUNCTIONS - OTHER ARCHITECTURE ROLES,

BUSINESS ANALYSIS AND SERVICE MANAGEMENT - TO ENSURE CONTINUITY ALONG THE SOLUTION DELIVERY JOURNEY.EFFECTIVE SOLUTION ARCHITECTURE INVOLVES: -HAVE A DEPTH AND BREADTH OF SOLUTION DELIVERY AND TECHNICAL EXPERIENCE TO BE ABLE TO IDENTIFY SOLUTION DESIGN OPTIONS QUICKLY-BEING ABLE TO UNDERSTAND THE DETAIL OF THE SOLUTION WHILE MAINTAINING A VIEW OF THE WIDER (AND HIGHER) CONTEXT OF THE BUSINESS NEED FOR THE SOLUTION AND BEING ABLE TO EXPLAIN BOTH THESE VIEWS OF SETS OF INFORMATION-BEING ABLE TO COMMUNICATE EFFECTIVELY WITH ALL PARTIES - TECHNICAL AND BUSINESS - INVOLVED IN THE SOLUTION DESIGN AND DELIVERY JOURNEY, ASSIST WITH DECISION-MAKING, BE REALISTIC AND MAKE APPROPRIATE COMPROMISES AND DESIGN CHOICES IN ORDER TO CREATE THE BEST SOLUTION DESIGN-BEING ABLE TO APPLY TECHNOLOGY APPROPRIATELY AND WITH SELECTIVE INNOVATION (AND THE DESIRE TO CONSTANTLY ACQUIRE NEW KNOWLEDGE AND WAYS OF APPLYING TECHNOLOGY)-BEING INVOLVED IN THE SOLUTION DELIVERY JOURNEY ALONG ITS ENTIRE LENGTH-BEING ABLE TO BE THE SOLUTION ADVOCATE AND SUBJECT MATTER EXPERTTHIS BOOK IS AIMED AT A VARIETY OF POTENTIAL READERS: -EXISTING SOLUTION ARCHITECTS WHO WANT TO HAVE A MORE THEORETICAL AND A BROADER UNDERSTANDING OF THEIR ROLE-EXISTING OR NEW MANAGERS OF SOLUTION ARCHITECTURE FUNCTIONS WHO WANT TO CREATE A HIGH-PERFORMING PRACTICE WITHIN THEIR ORGANISATIONS AND WHO WANT TO ARTICULATE THE BENEFITS AND VALUE SOLUTION ARCHITECT CAN CONTRIBUTE TO THE INFORMATION TECHNOLOGY FUNCTION AND THE WIDER BUSINESS AND THE POTENTIAL IT CAN OFFER TO THE BUSINESS ORGANISATION-MANGERS OF INFORMATION TECHNOLOGY FUNCTIONS WHO WANT TO UNDERSTAND WHAT SOLUTION ARCHITECTURE IS, WHERE IT FITS INTO THE WIDER ARCHITECTURE CONTEXT AND DISCIPLINES AND SOLUTION DELIVERY AND OPERATION AND THE VALUE IT CAN CONTRIBUTE TO BOTH THE INFORMATION TECHNOLOGY FUNCTION AND THE WIDER BUSINESS-OTHER INFORMATION TECHNOLOGY ARCHITECTS WHO WANT TO UNDERSTAND HOW THE ARCHITECTURE DISCIPLINES CAN WORK TOGETHER TO DELIVER VALUE-BUSINESS ANALYSTS AND MANAGERS OF BUSINESS ANALYSIS FUNCTIONS WHO WANT TO UNDERSTAND HOW THEY CAN WORK MORE CLOSELY WITH THE SOLUTION ARCHITECTURE FUNCTION IN ORDER TO PROVIDE THE BUSINESS WITH A BETTER OVERALL SERVICE-OTHER INFORMATION TECHNOLOGY PERSONNEL WHO WANT TO MOVE INTO SOLUTION ARCHITECTURE AND WHO WANT TO UNDERSTAND WHAT IT IS-CONSULTING ORGANISATIONS AND INDIVIDUALS WHO WANT TO DEVELOP AND OFFER VALUE-ADDING SOLUTION ARCHITECTURE SERVICES

*HUMAN CENTRED INTELLIGENT SYSTEMS - ALFRED ZIMMERMANN 2020-05-29*

THIS BOOK HIGHLIGHTS NEW TRENDS AND CHALLENGES IN INTELLIGENT SYSTEMS, WHICH PLAY AN IMPORTANT PART IN THE DIGITAL TRANSFORMATION OF MANY AREAS OF SCIENCE AND PRACTICE. IT INCLUDES PAPERS OFFERING A DEEPER UNDERSTANDING OF THE HUMAN-CENTRED PERSPECTIVE ON ARTIFICIAL INTELLIGENCE, OF INTELLIGENT VALUE CO-CREATION, ETHICS, VALUE-ORIENTED DIGITAL MODELS, TRANSPARENCY, AND INTELLIGENT DIGITAL ARCHITECTURES AND ENGINEERING TO SUPPORT DIGITAL SERVICES AND INTELLIGENT SYSTEMS, THE TRANSFORMATION OF STRUCTURES IN DIGITAL BUSINESSES AND INTELLIGENT SYSTEMS BASED ON HUMAN PRACTICES, AS WELL AS THE STUDY OF INTERACTION AND THE CO-ADAPTATION OF HUMANS AND SYSTEMS. ALL PAPERS WERE ORIGINALLY PRESENTED AT THE INTERNATIONAL KES CONFERENCE ON HUMAN CENTRED INTELLIGENT SYSTEMS 2020 (KES HCIS 2020), HELD ON JUNE 17-19, 2020, IN SPLIT, CROATIA.

*COMPETENCES OF IT ARCHITECTS -*

**ENTERPRISE ARCHITECTURE - MARTIN OP’T LAND 2008-12-03**

THIS BOOK IS POSITIONED AS A RST IN A SERIES OF BOOKS ON ENTERPRISE ARCHITECTURE NEEDED FOR A MASTER OF ENTERPRISE ARCHITECTURE PROGRAM, AND IS TARGETED BOTH AT UNIVERSITY STUDENTS AND PRACTITIONERS WITH A DRIVE TO INCREASE THEIR UNDERSTANDING OF THESE ELDS. AS AN INTRODUCTORY BOOK, THIS BOOK AIMS TO EXPLORE THE CONCEPT OF ENTERPRISE ARCHITECTURE. AT RST GLANCE, WRITING SUCH AN INTRODUCTORY BOOK MIGHT SEEM AS A STRAIGHT FORWARD TASK OF SETTING UP A STRUCTURE AND LLING IN “THE BLANKS. ” HOWEVER, WRITING THIS BOOK TURNED OUT TO BE A PLEASANT JOURNEY OF DISCOVERY. BASED ON OUR PAST EXPERIENCES, EACH OF US HAD A CLEAR UNDERSTANDING OF ENTERPRISE ARCHITECTURE, BASED ON SEVERAL YEARS OF EXPERIENCE AND INSIGHT IN THE ELD. HOWEVER, WHEN WE STARTED WRITING THIS BOOK, AND EACH OF US EXPOSED OUR INDIVIDUAL UNDERSTANDINGS, IT BECAME APPARENT THAT OUR UNDERSTANDING OF THE ELD DIFFERED IN SEVERAL WAYS. THIS PROMPTED SEVERAL DISCUSSIONS LEADING TO AN ABUNDANCE OF NEW INSIGHTS. WITHOUT EXCEPTION, THESE DISCUSSIONS TOOK PLACE IN A PLEASANT AND OPEN ATMOSPHERE, FUELED BY OUR SHARED DRIVE FOR UNDERSTANDING AND INCREASED INSIGHT. WE ARE NOW EVEN MORE CONVINCED THAN BEFORE, THAT THE ELD ENTERPRISE ARCHITECTURE IS A TRUE MULTI-DISCIPLINARY PROFESSION. IN THE RESULTING BOOK, WE WOULD LIKE TO SHARE OUR INSIGHTS, WHILE ALSO HOPING TO CONTINUE OUR DISCUSSIONS, NOW ALSO INVOLVING YOU AS A READER. WE ALSO REALISE THAT THE JOURNEY IS STILL FAR FROM COMPLETE. WHILE THIS INTRODUCTORY BOOK PROVIDES AN OVERVIEW OF THE ELD OF ENTERPRISE ARCHITECTURE FROM THE PERSPECTIVE OF OUR INSIGHTS, MANY ASPECTS NEED FURTHER RE NEMENT.

**ENTERPRISE ARCHITECTURE - JÜRGEN JUNG 2021-09-06**

THIS TEXTBOOK PROVIDES A HANDS-ON INTRODUCTION TO ENTERPRISE ARCHITECTURE MANAGEMENT. IT GUIDES THE READER THROUGH THE APPLICATIONS OF METHODS AND TOOLS TO TYPICAL BUSINESS PROBLEMS BY PRESENTING ENTERPRISE ARCHITECTURE FRAMEWORKS AND BY SHARING EXPERIENCES FROM INDUSTRY. THE STRUCTURE OF THE BOOK REPRESENTS THE TYPICAL STAGES OF THE JOURNEY OF AN ENTERPRISE ARCHITECT. CHAPTER 1 ADDRESSES THE CENTRAL QUESTION OF WHAT TO ACHIEVE WITH THE INTRODUCTION OF AN ENTERPRISE ARCHITECTURE. CHAPTER 2 THEN INTRODUCES CONCEPTS AND VISUALIZATIONS FOR BUSINESS ARCHITECTURE THAT HELP WITH UNDERSTANDING THE BUSINESS. IN CHAPTER 3 THE DEVELOPMENT OF AN APPLICATION ARCHITECTURE IS OUTLINED, WHICH PROVIDES TRANSPARENCY ON INFORMATION SYSTEMS AND THEIR BUSINESS CONTEXT. NEXT, CHAPTER 4 PRESENTS VISUAL TOOLS TO ANALYZE, IMPROVE AND EVENTUALLY OPTIMIZE THE APPLICATION LANDSCAPE. CHAPTER 5 DISCUSSES BOTH TRADITIONAL ORGANIZATIONAL AS WELL AS COLLABORATIVE APPROACHES TO ENTERPRISE ARCHITECTURE MANAGEMENT. EVENTUALLY, SEVERAL ESTABLISHED ENTERPRISE ARCHITECTURE FRAMEWORKS LIKE TOGAF, ZACHMANN, ARCHIMATE, AND IAF ARE DESCRIBED IN CHAPTER 6. THE BOOK CONCLUDES WITH A SUMMARY AND AN OUTLOOK ON FUTURE RESEARCH POTENTIAL IN CHAPTER 7. BASED ON THEIR EXPERIENCES THROUGH SEVERAL YEARS OF TEACHING, THE AUTHORS INTRODUCE STUDENTS STEP-BY-STEP TO ENTERPRISE ARCHITECTURE DEVELOPMENT AND MANAGEMENT. THEIR BOOK IS INTENDED AS A GUIDE FOR MASTER CLASSES AT UNIVERSITIES AND INCLUDES LOTS OF EXERCISES AND REFERENCES FOR FURTHER READING.

**ENTERPRISE ARCHITECTURE - SVYATOSLAV KOTUSEV 2021-01-15**  
**THE COMPLETE BUSINESS PROCESS HANDBOOK - MARK VON ROSING 2014-12-06**  
**THE STRATEGY JOURNEY - JULIE HO 2020-12-07**

**ARCHIMATE® 2.1 SPECIFICATION - THE OPEN GROUP 2016-01-01**

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**THE PRACTICE OF ENTERPRISE ARCHITECTURE - SVYATOSLAV KOTUSEV 2021-01-15**

BASED ON AN EXTENSIVE STUDY OF THE ACTUAL INDUSTRY BEST PRACTICES, THIS BOOK PROVIDES A SYSTEMATIC CONCEPTUAL DESCRIPTION OF AN EA PRACTICE AND OFFERS PRACTICALLY ACTIONABLE ANSWERS TO THE KEY QUESTIONS RELATED TO ENTERPRISE ARCHITECTURE.

**MASTERCLASS ENTERPRISE ARCHITECTURE MANAGEMENT - JÜRGEN JUNG 2021-09-06**

THIS TEXTBOOK PROVIDES A HANDS-ON INTRODUCTION TO ENTERPRISE ARCHITECTURE MANAGEMENT. IT GUIDES THE READER THROUGH THE APPLICATIONS OF METHODS AND TOOLS TO TYPICAL BUSINESS PROBLEMS BY PRESENTING ENTERPRISE ARCHITECTURE FRAMEWORKS AND BY SHARING EXPERIENCES FROM INDUSTRY. THE STRUCTURE OF THE BOOK REPRESENTS THE TYPICAL STAGES OF THE JOURNEY OF AN ENTERPRISE ARCHITECT. CHAPTER 1 ADDRESSES THE CENTRAL QUESTION OF WHAT TO ACHIEVE WITH THE INTRODUCTION OF AN ENTERPRISE ARCHITECTURE. CHAPTER 2 THEN INTRODUCES CONCEPTS AND VISUALIZATIONS FOR BUSINESS ARCHITECTURE THAT HELP WITH UNDERSTANDING THE BUSINESS. IN CHAPTER 3 THE DEVELOPMENT OF AN APPLICATION ARCHITECTURE IS OUTLINED, WHICH PROVIDES TRANSPARENCY ON INFORMATION SYSTEMS AND THEIR BUSINESS CONTEXT. NEXT, CHAPTER 4 PRESENTS VISUAL TOOLS TO ANALYZE, IMPROVE AND EVENTUALLY OPTIMIZE THE APPLICATION LANDSCAPE. CHAPTER 5 DISCUSSES BOTH TRADITIONAL ORGANIZATIONAL AS WELL AS COLLABORATIVE APPROACHES TO ENTERPRISE ARCHITECTURE MANAGEMENT. EVENTUALLY, SEVERAL ESTABLISHED ENTERPRISE ARCHITECTURE FRAMEWORKS LIKE TOGAF, ZACHMANN, ARCHIMATE, AND IAF ARE DESCRIBED IN CHAPTER 6. THE BOOK CONCLUDES WITH A SUMMARY AND AN OUTLOOK ON FUTURE RESEARCH POTENTIAL IN CHAPTER 7. BASED ON THEIR EXPERIENCES THROUGH SEVERAL YEARS OF TEACHING, THE AUTHORS INTRODUCE STUDENTS STEP-BY-STEP TO ENTERPRISE ARCHITECTURE DEVELOPMENT AND MANAGEMENT. THEIR BOOK IS INTENDED AS A GUIDE FOR MASTER CLASSES AT UNIVERSITIES AND INCLUDES LOTS OF EXERCISES AND REFERENCES FOR FURTHER READING.

**THE COMPLETE BUSINESS PROCESS HANDBOOK - MARK VON ROSING 2014-12-06**

THE COMPLETE BUSINESS PROCESS HANDBOOK IS THE MOST COMPREHENSIVE BODY OF KNOWLEDGE ON BUSINESS PROCESSES WITH REVEALING NEW RESEARCH. WRITTEN AS A PRACTICAL GUIDE FOR EXECUTIVES, PRACTITIONERS, MANAGERS AND STUDENTS BY THE AUTHORITIES THAT HAVE SHAPED THE WAY WE THINK AND WORK WITH PROCESS TODAY. IT STANDS OUT AS A MASTERPIECE, BEING PART OF THE BPM BACHELOR AND MASTER DEGREE CURRICULUM AT UNIVERSITIES AROUND THE WORLD, WITH REVEALING ACADEMIC RESEARCH AND INSIGHT FROM THE LEADERS IN THE MARKET. THIS BOOK PROVIDES EVERYTHING YOU NEED TO KNOW ABOUT THE PROCESSES AND FRAMEWORKS, METHODS, AND APPROACHES TO IMPLEMENT BPM. THROUGH REAL-WORLD EXAMPLES, BEST PRACTICES, LEADING PRACTICES AND ADVICE FROM EXPERTS, READERS WILL UNDERSTAND HOW BPM WORKS AND HOW TO BEST USE IT TO THEIR ADVANTAGE. CASES FROM INDUSTRY LEADERS AND INNOVATORS SHOW HOW EARLY ADOPTERS OF LEADING PRACTICES IMPROVED THEIR BUSINESSES BY USING BPM TECHNOLOGY AND METHODOLOGY. AS THE FIRST OF THREE VOLUMES, THIS BOOK REPRESENTS THE MOST COMPREHENSIVE BODY OF KNOWLEDGE PUBLISHED ON BUSINESS PROCESS. FOLLOWING CLOSELY BEHIND, THE SECOND VOLUME UNIQUELY BRIDGES THEORY WITH HOW BPM IS APPLIED TODAY WITH THE MOST EXTENSIVE INFORMATION ON EXTENDED BPM. THE THIRD VOLUME WILL EXPLORE AWARD WINNING REAL-LIFE EXAMPLES OF LEADING BUSINESS PROCESS PRACTICES AND HOW IT CAN BE REPLACED TO YOUR ADVANTAGE. LEARN WHAT BUSINESS PROCESS IS AND HOW TO GET STARTED COMPREHENSIVE HISTORICAL PROCESS EVOLUTION IN-DEPTH LOOK AT THE PROCESS ANATOMY, SEMANTICS AND ONTOLOGY FIND OUT HOW TO LINK STRATEGY TO OPERATION WITH VALUE DRIVEN BPM UNCOVER HOW TO ESTABLISH A WAY OF THINKING, WORKING, MODELLING AND IMPLEMENTATION EXPLORE COMPREHENSIVE FRAMEWORKS, METHODS AND APPROACHES HOW TO BUILD BUREAUCRACIES AND ESTABLISH A CENTER OF EXCELLENCE DISCOVER HOW TO APPLY SOCIAL BPM, SUSTAINABLE/AGILE/20148 BASED BPM LEARN HOW VALUE & PERFORMANCE MEASUREMENT AND MANAGEMENT LEARN HOW TO CONTROL, OPTIMIZE AND DEPLOY PROCESSES EXPLORE HOW TO ENABLE PROCESS OWNERS, ROLES AND KNOWLEDGE WORKERS DISCOVER HOW TO PROCESS AND APPLICATION MODELLING UNCOVER PROCESS LIFECYCLE, MATURITY, ALIGNMENT AND CONTINUOUS IMPROVEMENT. PRACTICAL CONTINUOUS IMPROVEMENT WITH THE WAY OF GOVERNANCE FUTURE BPM TRENDS THAT WILL AFFECT BUSINESS EXPLORE THE BPM BODY OF KNOWLEDGE

**THE STRATEGY JOURNEY - JULIE HO 2020-12-07**

HOW TO NAVIGATE YOUR STRATEGY JOURNEY IN BUSINESS USING A FINE MODEL FRAMEWORK AND METHODOLOGY THAT TEACHES YOU

TO PLAY 'SMART' AND 'WIN' IN THE GAME OF BUSINESS AND CAREER ASCENSION.

*FUNDAMENTALS OF CRM WITH DYNAMICS 365 AND POWER PLATFORM* - NICOLAE TARLA 2020-10-06

EXPLORE THE LATEST FEATURES OF DYNAMICS 365 AND POWER PLATFORM'S OUT-OF-THE-BOX TOOLS TO BUILD CUSTOM BUSINESS SOLUTIONS FOR YOUR ORGANIZATION KEY FEATURES DISCOVER IMPRESSIVE DYNAMICS 365 FEATURES TO TRANSFORM YOUR BUSINESS AND INCREASE PRODUCTIVITY LEVERAGE THE PLATFORM'S EXTENSIBILITY TO MEET YOUR ORGANIZATIONAL NEEDS UNDERSTAND HOW POWER PLATFORM POWERS DYNAMICS 365 AND ENHANCES ITS INTEGRATION CAPABILITIES BOOK DESCRIPTION MICROSOFT DYNAMICS 365 PROVIDES A VAST ARRAY OF TOOLS AND APPLICATIONS TO MEET VARIOUS CUSTOMER ENGAGEMENT REQUIREMENTS. THIS CUSTOMER RELATIONSHIP MANAGEMENT (CRM) GUIDE COVERS THE LATEST ADVANCEMENTS IN DYNAMICS 365 AND POWER PLATFORM THAT HELP ORGANIZATIONS ADAPT TO CHANGING MARKET CONDITIONS FOR AGILITY AND RESILIENCE. WITH THIS BOOK, YOU'LL EXPLORE THE CORE PLATFORM FUNCTIONALITY OF DYNAMICS 365 AND EXPLORE ITS WIDE RANGE OF COMPONENTS FOR TRANSFORMING YOUR BUSINESS WITH NEW SERVICES AND CAPABILITIES. YOU'LL LEARN THE BASICS OF CONFIGURATION AND CUSTOMIZATION TO ENHANCE THE FUNCTIONALITY OF MICROSOFT DYNAMICS 365 CRM AND CREATE SOLUTIONS AND CUSTOM APPLICATIONS BY LEVERAGING FEATURES SUCH AS APPS, PORTALS, AUTOMATION, AND BUSINESS INTELLIGENCE. AS YOU ADVANCE, YOU'LL UNDERSTAND HOW POWER PLATFORM DRIVES DYNAMICS 365 AND HOW VARIOUS INTEGRATION CAPABILITIES ADD VALUE BY PROVIDING A COMPREHENSIVE VIEW OF DATA AGGREGATED ACROSS DIFFERENT SYSTEMS AND DATA SOURCES. FINALLY, YOU'LL DELVE INTO CORE ADMINISTRATION CONCEPTS THAT WILL HELP YOU TO MANAGE EXTENSIONS ADDED TO THE PLATFORM. BY THE END OF THIS BOOK, YOU'LL HAVE LEARNED HOW TO TAILOR MICROSOFT DYNAMICS 365 TO FIT YOUR ORGANIZATION'S REQUIREMENTS AND TWEAK THE PLATFORM TO MEET YOUR BUSINESS NEEDS. WHAT YOU WILL LEARN GET TO GRIPS WITH POWER PLATFORM FOR BUILDING AND ENHANCING DYNAMICS 365 APPS INTEGRATE DYNAMICS 365 CRM WITH MICROSOFT 365, AZURE, AND OTHER PLATFORMS DISCOVER HOW YOU CAN CUSTOMIZE EXISTING ENTITIES AND CREATE NEW ONES EXPLORE VARIOUS SECURITY FEATURES AND GRANT USERS ACCESS TO CRM DATA AND FUNCTIONS FIND OUT WHICH CRM ATTRIBUTES ARE USED TO AUTOMATE OPERATIONS WITH PROGRAMMING USE INTERNAL AND EXTERNAL SOCIAL DATA TO HELP USERS TO MAKE INFORMED DECISIONS WHO THIS BOOK IS FOR THIS BOOK IS FOR CUSTOMERS AND PROJECT STAKEHOLDERS, NEW FUNCTIONAL CONSULTANTS, BUSINESS ADMINISTRATION USERS, AND PROJECT MANAGERS LOOKING TO GET UP AND RUNNING WITH THE LATEST FEATURES OF DYNAMICS 365 AND POWER PLATFORM. THIS GUIDE WILL HELP NON-DEVELOPERS BECOME ACQUAINTED WITH A NO-CODE APPROACH TO CUSTOMIZATION AND CONFIGURATION. A BASIC UNDERSTANDING OF RELATIONAL DATA AND CUSTOMER MANAGEMENT CONCEPTS WILL HELP YOU GET THE MOST OUT OF THIS BOOK.

**THE PRACTICE OF ENTERPRISE MODELING** - BALBIR S. BARN 2022-11-16

THIS BOOK CONSTITUTES THE PROCEEDINGS OF THE 15TH IFIP WORKING CONFERENCE ON THE PRACTICE OF ENTERPRISE MODELING, PoEM 2022, WHICH TOOK PLACE IN LONDON, UK, DURING NOVEMBER 23-25, 2022. PoEM OFFERS A FORUM FOR SHARING EXPERIENCES AND KNOWLEDGE BETWEEN THE ACADEMIC COMMUNITY AND PRACTITIONERS FROM INDUSTRY AND THE PUBLIC SECTOR. THIS YEAR THE THEME OF THE CONFERENCE IS ENTERPRISE MODELING AND MODEL-BASED DEVELOPMENT AND ENGINEERING. THE 15 FULL PAPERS PRESENTED IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED FROM A TOTAL OF 45 SUBMISSIONS. THEY WERE ORGANIZED IN TOPICAL SECTIONS AS FOLLOWS: MODELS IN INFORMATION SYSTEM DEVELOPMENT; MODELING ENTERPRISE ARCHITECTURES; MODELING CAPABILITIES AND ECOSYSTEMS; DSML AND META-MODELING; AND PARTICIPATORY MODELING.

TOGAF® 9 CERTIFIED STUDY GUIDE - 2ND EDITION - RACHEL HARRISON 2011-12-12

THE TOGAF 9 CERTIFICATION PROGRAM IS A KNOWLEDGE-BASED CERTIFICATION PROGRAM. IT HAS TWO LEVELS, LEADING TO CERTIFICATION FOR TOGAF 9 FOUNDATION AND TOGAF 9 CERTIFIED, RESPECTIVELY. THE PURPOSE OF CERTIFICATION TO TOGAF 9 CERTIFIED IS TO PROVIDE VALIDATION THAT, IN ADDITION TO THE KNOWLEDGE AND COMPREHENSION OF TOGAF 9 FOUNDATION LEVEL, THE CANDIDATE IS ABLE TO ANALYZE AND APPLY THIS KNOWLEDGE. THE LEARNING OBJECTIVES AT THIS LEVEL THEREFORE FOCUS ON APPLICATION AND ANALYSIS IN ADDITION TO KNOWLEDGE AND COMPREHENSION. THIS STUDY GUIDE SUPPORTS STUDENTS IN PREPARATION FOR THE TOGAF 9 PART 2 EXAMINATION, LEADING TO TOGAF 9 CERTIFIED.

MANAGING DIGITAL - CHARLES BETZ

ABOUT THIS BOOK THIS BOOK, "MANAGING DIGITAL: CONCEPTS AND PRACTICES", IS INTENDED TO GUIDE A PRACTITIONER THROUGH THE JOURNEY OF BUILDING A DIGITAL-FIRST VIEWPOINT AND THE SKILLS NEEDED TO THRIVE IN THE DIGITAL-FIRST WORLD. AS SUCH, THIS BOOK IS A BIT OF AN EXPERIMENT FOR THE OPEN GROUP; IT ISN'T STRUCTURED AS A TRADITIONAL STANDARD OR GUIDE. INSTEAD, IT IS STRUCTURED TO SHOW THE KEY ISSUES AND SKILLS NEEDED AT EACH STAGE OF THE DIGITAL JOURNEY, STARTING WITH THE BASICS OF A SMALL DIGITAL PROJECT, EVENTUALLY BUILDING TO THE CONCERNS OF A LARGE ENTERPRISE. SO, FEEL FREE TO DIGEST THIS BOOK IN STAGES — THE SECTION INTRODUCTION FOR THE STUDENT IS A GOOD GUIDE. THE BOOK IS INTENDED FOR BOTH ACADEMIC AND INDUSTRY TRAINING PURPOSES. THIS BOOK SEEKS TO PROVIDE GUIDANCE FOR BOTH NEW ENTRANTS INTO THE DIGITAL WORKFORCE AND EXPERIENCED PRACTITIONERS SEEKING TO UPDATE THEIR UNDERSTANDING ON HOW ALL THE VARIOUS THEMES AND COMPONENTS OF IT MANAGEMENT FIT TOGETHER IN THE NEW WORLD. ABOUT THE OPEN GROUP PRESS THE OPEN GROUP PRESS IS AN IMPRINT OF THE OPEN GROUP FOR ADVANCING KNOWLEDGE OF INFORMATION TECHNOLOGY BY PUBLISHING WORKS FROM INDIVIDUAL AUTHORS WITHIN THE OPEN GROUP MEMBERSHIP THAT ARE RELEVANT TO ADVANCING THE OPEN GROUP MISSION OF BOUNDARYLESS INFORMATION FLOW. THE KEY FOCUS OF THE OPEN GROUP PRESS IS TO PUBLISH HIGH-QUALITY MONOGRAPHS, AS WELL AS INTRODUCTORY TECHNOLOGY BOOKS INTENDED

FOR THE GENERAL PUBLIC, AND ACT AS A COMPLEMENT TO THE OPEN GROUP STANDARDS, GUIDES, AND WHITE PAPERS. THE VIEWS AND OPINIONS EXPRESSED IN THIS BOOK ARE THOSE OF THE AUTHOR, AND DO NOT NECESSARILY REFLECT THE CONSENSUS POSITION OF THE OPEN GROUP MEMBERS OR STAFF.

**MASTERING ARCHIMATE EDITION 3.1** - GERBEN WIERDA 2021-04

MASTERING ARCHIMATE EDITION 3.1 IS THE FOURTH EDITION OF A MUCH PRAISED BOOK ABOUT THE ARCHIMATE(R) ENTERPRISE ARCHITECTURE MODELING LANGUAGE, WHICH IS A STANDARD AND A REGISTERED TRADE MARK OF THE OPEN GROUP. THE BOOK GIVES AN INTRODUCTION TO THE LANGUAGE, THEN GOES ON TO SHOW YOU KEY ASPECTS OF SUCCESSFUL MODELING, AND MANY DIFFERENT PATTERNS FOR ITS USE. FROM BUSINESS TO INFRASTRUCTURE, FROM RISK & SECURITY TO APPLICATION EXPLOITATION AND MAINTENANCE. WHILE THE AIM OF THE BOOK IS TO TEACH THE LANGUAGE, IT OFTEN ALSO OFFERS NECESSARY BACKGROUND, SO THAT THE PATTERNS CAN MAKE SENSE TO THE READER NOT FAMILIAR WITH A SUBJECT. THUS, IT ALSO CONTAINS INTRODUCTIONS TO SUBJECTS SUCH AS VIRTUALIZATION, BITCOIN/BLOCKCHAIN, INFRASTRUCTURE AS CODE, PROCESSES VERSUS FUNCTIONS, SOA/API, ESB, TERMINAL SERVICES, ETC. IT ALSO CONTAINS A SHORT INTRODUCTION TO BPMN(TM) IN ORDER TO DESCRIBE A LINKING OF BOTH MAJOR LANGUAGES. FOREWORDS BY MARC LANKHORST AND JEAN-BAPTISTE SARRODIE. GERBEN WIERDA (1961) IS AUTHOR OF CHESS AND THE ART OF ENTERPRISE ARCHITECTURE, AND IS LEAD ARCHITECT AT APG, ONE OF THE LARGEST FIDUCIARY MANAGERS IN THE WORLD. BEFORE, HE WAS LEAD ARCHITECT OF THE JUDICIARY OF THE NETHERLANDS, AND LEAD ARCHITECT OF APG ASSET MANAGEMENT. HE HAS OVERSEEN THE CONSTRUCTION OF ONE OF THE LARGEST SINGLE ARCHIMATE MODELS IN THE WORLD TO DATE. HE HOLDS AN M.Sc. IN PHYSICS FROM THE UNIVERSITY OF GRONINGEN AND AN MBA FROM RSM ERASMUS, ROTTERDAM.

**CHESS AND THE ART OF ENTERPRISE ARCHITECTURE** - GERBEN WIERDA 2015-01-01

ENTERPRISE ARCHITECTURE IS THE DISCIPLINE OF MANAGING THE COMPLEXITIES OF THE BUSINESS-IT LANDSCAPE. IT HAS BEEN AROUND SINCE THE 1980'S, WHEN FOR THE FIRST TIME COMPUTERS WERE CONNECTED IN NETWORKS, AND THE ALREADY SERIOUS (AND UNSOLVED) PROBLEM OF THE COMPLEXITY OF COMPUTER PROGRAMS FOR RELATIVELY SIMPLE BUSINESS NEEDS TURNED INTO THE HUGE PROBLEM OF LARGE NETWORKS OF THEM IN COMPLEX BUSINESS LANDSCAPES. IN SPITE OF MANY 'BEST PRACTICES' AND 'FRAMEWORKS' THAT HAVE BEEN INTRODUCED, ENTERPRISE ARCHITECTURE IS NOT A GREAT SUCCESS. AFTER THIRTY YEARS, WE STILL HAVE THE SAME PROBLEMS. CHAOS IS STILL EVERYWHERE. PROJECTS STILL FAIL FAR TOO OFTEN. IN THIS BOOK, (HIDDEN) ASSUMPTIONS BEHIND THE EXISTING APPROACHES TO ENTERPRISE ARCHITECTURE ARE CHALLENGED, AND A MORE REALISTIC PERSPECTIVE THAT HELPS US BATTLE THE COMPLEXITIES AND UNPREDICTABILITIES OF TODAY'S BUSINESS-IT LANDSCAPES IS DESCRIBED. PRACTICAL SUGGESTIONS ABOUT ENTERPRISE ARCHITECTURE GOVERNANCE AND PRODUCTS, BASED ON REAL-WORLD EXPERIENCE WITH THE DESCRIBED APPROACH, COMPLETE THE BOOK. FROM GENERAL MANAGEMENT TO IT PROFESSIONALS, EVERYONE WHO IS CONFRONTED WITH THE PROBLEM OF MANAGING BUSINESS-IT LANDSCAPES CAN PROFIT FROM THE INSIGHTS THIS BOOK OFFERS. NO SPECIALIST PRIOR KNOWLEDGE IS REQUIRED. GERBEN WIERDA IS AUTHOR OF MASTERING ARCHIMATE, AND WAS, AMONGST OTHER THINGS, LEAD ARCHITECT OF THE JUDICIARY IN THE NETHERLANDS, LEAD ARCHITECT OF APG ASSET MANAGEMENT, AND IS NOW TEAM COORDINATOR ARCHITECTURE & DESIGN AT APG. HE HOLDS AN M.Sc. IN PHYSICS FROM THE UNIVERSITY OF GRONINGEN AND AN MBA FROM RSM ERASMUS, ROTTERDAM.

**MODELING ENTERPRISE ARCHITECTURE WITH TOGAF** - PHILIPPE DESFRAY 2014-08-04

MODELING ENTERPRISE ARCHITECTURE WITH TOGAF EXPLAINS EVERYTHING YOU NEED TO KNOW TO EFFECTIVELY MODEL ENTERPRISE ARCHITECTURE WITH THE OPEN GROUP ARCHITECTURE FRAMEWORK (TOGAF), THE LEADING EA STANDARD. THIS SOLUTION-FOCUSED REFERENCE PRESENTS KEY TECHNIQUES AND ILLUSTRATIVE EXAMPLES TO HELP YOU MODEL ENTERPRISE ARCHITECTURE. THIS BOOK DESCRIBES THE TOGAF STANDARD AND ITS STRUCTURE, FROM THE ARCHITECTURE TRANSFORMATION METHOD TO GOVERNANCE, AND PRESENTS ENTERPRISE ARCHITECTURE MODELING PRACTICES WITH PLENTY OF EXAMPLES OF TOGAF DELIVERABLES IN THE CONTEXT OF A CASE STUDY. ALTHOUGH WIDESPREAD AND GROWING QUICKLY, ENTERPRISE ARCHITECTURE IS DELICATE TO MANAGE ACROSS ALL ITS DIMENSIONS. FOCUSING ON THE ARCHITECTURE TRANSFORMATION METHOD, TOGAF PROVIDES A WIDE FRAMEWORK, WHICH COVERS THE REPOSITORY, GOVERNANCE, AND A SET OF RECOGNIZED BEST PRACTICES. THE EXAMPLES FEATURED IN THIS BOOK WERE REALIZED USING THE OPEN SOURCE MODELIO TOOL, WHICH INCLUDES EXTENSIONS FOR TOGAF. INCLUDES INTUITIVE SUMMARIES OF THE COMPLEX TOGAF STANDARD TO LET YOU EFFECTIVELY MODEL ENTERPRISE ARCHITECTURE USES PRACTICAL EXAMPLES TO ILLUSTRATE WAYS TO ADAPT TOGAF TO THE NEEDS OF YOUR ENTERPRISE PROVIDES MODEL EXAMPLES WITH MODELIO, A FREE MODELING TOOL, LETTING YOU EXERCISE TOGAF MODELING IMMEDIATELY USING A DEDICATED TOOL COMBINES EXISTING MODELING STANDARDS WITH TOGAF

**INTELLIGENT INTERACTIVE MULTIMEDIA SYSTEMS AND SERVICES** - GIUSEPPE DE PIETRO 2018-06-11

THIS VOLUME PRESENTS A SERIES OF CAREFULLY SELECTED PAPERS ON THE THEME OF INTELLIGENT INTERACTIVE MULTIMEDIA SYSTEMS AND SERVICES (IIMSS-18), BUT ALSO INCLUDING CONTRIBUTIONS ON INNOVATION IN MEDICINE AND HEALTHCARE (INMED-18) AND SMART TRANSPORTATION SYSTEMS (STS-18). THE PAPERS WERE PRESENTED AT THE SMART DIGITAL FUTURES 2018 MULTI-THEME CONFERENCE, WHICH GROUPED THE AMSTA, IDT, INMED, SEEL, STS AND IIMSS CONFERENCES IN ONE VENUE IN GOLD COAST, AUSTRALIA IN JUNE 2018. IIMSS-18 INCLUDED SESSIONS ON 'COGNITIVE SYSTEMS AND BIG DATA ANALYTICS', 'DATA PROCESSING AND SECURE SYSTEMS', 'INNOVATIVE INFORMATION SERVICES FOR ADVANCED KNOWLEDGE ACTIVITY', 'AUTONOMOUS SYSTEM' AND 'IMAGE PROCESSING'. INMED-18 PAPERS COVER MAJOR AREAS OF 'DIGITAL ARCHITECTURE FOR INTERNET OF THINGS, BIG DATA, CLOUD AND MOBILE IT IN HEALTHCARE' AND 'ADVANCED ICT FOR MEDICAL AND HEALTHCARE'. STS-18 PAPERS PROVIDE A COMPREHENSIVE OVERVIEW OF VARIOUS ASPECTS OF CURRENT RESEARCH INTO INTELLIGENT TRANSPORTATION TECHNOLOGY.