

Scaling Software Agility Best Practices For Large Enterprises Agile Software Development

THIS IS LIKEWISE ONE OF THE FACTORS BY OBTAINING THE SOFT DOCUMENTS OF THIS **SCALING SOFTWARE AGILITY BEST PRACTICES FOR LARGE ENTERPRISES AGILE SOFTWARE DEVELOPMENT** BY ONLINE. YOU MIGHT NOT REQUIRE MORE BECOME OLD TO SPEND TO GO TO THE BOOK INSTIGATION AS WELL AS SEARCH FOR THEM. IN SOME CASES, YOU LIKEWISE PULL OFF NOT DISCOVER THE PROCLAMATION SCALING SOFTWARE AGILITY BEST PRACTICES FOR LARGE ENTERPRISES AGILE SOFTWARE DEVELOPMENT THAT YOU ARE LOOKING FOR. IT WILL UNQUESTIONABLY SQUANDER THE TIME.

HOWEVER BELOW, IN THE SAME WAY AS YOU VISIT THIS WEB PAGE, IT WILL BE FOR THAT REASON ENTIRELY EASY TO GET AS CAPABLY AS DOWNLOAD GUIDE SCALING SOFTWARE AGILITY BEST PRACTICES FOR LARGE ENTERPRISES AGILE SOFTWARE DEVELOPMENT

IT WILL NOT TOLERATE MANY BECOME OLD AS WE TELL BEFORE. YOU CAN ATTAIN IT EVEN THOUGH CON SOMETHING ELSE AT HOME AND EVEN IN YOUR WORKPLACE. IN VIEW OF THAT EASY! So, ARE YOU QUESTION? JUST EXERCISE JUST WHAT WE GIVE UNDER AS SKILLFULLY AS REVIEW **SCALING SOFTWARE AGILITY BEST PRACTICES FOR LARGE ENTERPRISES AGILE SOFTWARE DEVELOPMENT** WHAT YOU WITH TO READ!

MANAGING SOFTWARE REQUIREMENTS -
DEAN LEFFINGWELL 2000
A CLASSIC TREATISE THAT DEFINED THE FIELD OF APPLIED DEMAND ANALYSIS, CONSUMER DEMAND IN THE UNITED STATES: PRICES, INCOME, AND

CONSUMPTION BEHAVIOR IS NOW FULLY UPDATED AND EXPANDED FOR A NEW GENERATION. CONSUMPTION EXPENDITURES BY HOUSEHOLDS IN THE UNITED STATES ACCOUNT FOR ABOUT 70% OF AMERICA'S GDP. THE

PRIMARY FOCUS IN THIS BOOK IS ON HOW HOUSEHOLDS ADJUST THESE EXPENDITURES IN RESPONSE TO CHANGES IN PRICE AND INCOME. ECONOMETRIC ESTIMATES OF PRICE AND INCOME ELASTICITIES ARE OBTAINED FOR AN EXHAUSTIVE ARRAY OF GOODS AND SERVICES USING DATA FROM SURVEYS CONDUCTED BY THE BUREAU OF LABOR STATISTICS, PROVIDING A BETTER UNDERSTANDING OF CONSUMER DEMAND. PRACTICAL MODELS FOR FORECASTING FUTURE PRICE AND INCOME ELASTICITIES ARE ALSO DEMONSTRATED. FULLY REVISED WITH OVER A DOZEN NEW CHAPTERS AND APPENDICES, THE BOOK REVISITS THE ORIGINAL TAYLOR-HOUTHAKKER MODELS WHILE EXAMINING NEW MATERIAL AS WELL, SUCH AS THE USE OF QUANTILE REGRESSION AND THE STATIONARITY OF CONSUMER PREFERENCE. IT ALSO EXPLORES THE EMERGING CONNECTION BETWEEN NEUROSCIENCE AND CONSUMER BEHAVIOR, INTEGRATING THE ECONOMIC LITERATURE ON DEMAND THEORY WITH PSYCHOLOGY LITERATURE. THE MOST COMPREHENSIVE TREATMENT OF THE TOPIC TO DATE, THIS VOLUME WILL BE AN ESSENTIAL RESOURCE FOR ANY RESEARCHER, STUDENT OR PROFESSIONAL ECONOMIST WORKING ON CONSUMER BEHAVIOR OR DEMAND THEORY, AS WELL AS INVESTORS AND POLICYMAKERS CONCERNED WITH THE IMPACT OF ECONOMIC FLUCTUATIONS.

AGILE PROCESSES IN SOFTWARE ENGINEERING AND EXTREME PROGRAMMING - ALBERTO SILLITTI
2011-05-03

THIS BOOK CONTAINS THE REFEREED PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2011, HELD IN MADRID, SPAIN, IN MAY 2011. THE YEAR 2011 MARKED THE 10TH ANNIVERSARY OF THE AGILE MANIFESTO. IN THIS SPIRIT, THE XP CONFERENCE CONTINUED ITS FINE TRADITION OF PROMOTING AGILITY BY DISSEMINATING NEW RESEARCH RESULTS IN A TIMELY MANNER AND BY BRINGING TOGETHER RESEARCHERS AND PRACTITIONERS FOR A FRUITFUL MUTUAL EXCHANGE OF EXPERIENCES. AS INTRODUCED FOR XP 2010, THERE WERE AGAIN TWO DIFFERENT PROGRAM COMMITTEES, ONE FOR RESEARCH PAPERS AND ONE FOR EXPERIENCE REPORTS. REGARDING THE RESEARCH PAPERS, 11 OUT OF 56 SUBMISSIONS WERE ACCEPTED AS FULL PAPERS; AND AS FAR AS THE EXPERIENCE REPORTS WERE CONCERNED, THE RESPECTIVE NUMBER WAS 4 OUT OF 17 SUBMISSIONS. IN ADDITION TO THESE PAPERS, THIS VOLUME ALSO INCLUDES THE SHORT RESEARCH PAPERS, THE ABSTRACTS OF THE POSTERS, THE POSITION PAPERS OF THE PHD SYMPOSIUM, AND THE ABSTRACTS OF THE WORKSHOPS.

AGILE RISK MANAGEMENT - ALAN MORAN
2014-03-18

THIS WORK IS THE DEFINITIVE GUIDE FOR IT MANAGERS AND AGILE PRACTITIONERS. IT ELUCIDATES THE PRINCIPLES OF AGILE RISK MANAGEMENT AND HOW THESE RELATE TO INDIVIDUAL PROJECTS. EXPLAINED IN CLEAR AND

CONCISE TERMS, THIS SYNTHESIS OF PROJECT RISK MANAGEMENT AND AGILE TECHNIQUES IS ILLUSTRATED USING THE MAJOR METHODOLOGIES SUCH AS XP, SCRUM AND DSDM. ALTHOUGH THE AGILE COMMUNITY FREQUENTLY CITES RISK MANAGEMENT, RESEARCH SUGGESTS THAT RISK IS OFTEN NARROWLY DEFINED AND, AT BEST, IMPLICITLY TREATED, WHICH IN TURN LEADS TO AN INABILITY TO MAKE INFORMED DECISIONS CONCERNING RISK AND REWARD AND A POOR UNDERSTANDING OF WHEN TO ENGAGE IN RISK-RELATED ACTIVITIES. MOREOVER, THE ABSENCE OF REFERENCE TO ENTERPRISE RISK MANAGEMENT MEANS THAT PROJECT MANAGERS ARE UNABLE TO CLEARLY ARTICULATE SCOPE OR TAILOR THEIR PROJECTS IN LINE WITH THE WIDER EXPECTATIONS OF THE ORGANISATION. YET THE AGILE APPROACH, WITH ITS RICH TOOLSET OF TECHNIQUES, IS VERY WELL EQUIPPED TO EFFECTIVELY AND EFFICIENTLY DEAL WITH THE RISKS THAT ARISE IN PROJECTS. ALAN MORAN ADDRESSES THE ABOVE ISSUES BY PROPOSING AN AGILE RISK-MANAGEMENT PROCESS DERIVED FROM CLASSICAL RISK MANAGEMENT BUT ADAPTED TO THE CIRCUMSTANCES OF AGILE PROJECTS. THOUGH HIS MAIN FOCUS IS ON THE SOFTWARE DEVELOPMENT PROCESS, MUCH OF WHAT HE DESCRIBES COULD BE APPLIED TO OTHER TYPES OF IT PROJECTS AS WELL. THIS BOOK IS INTENDED FOR ANYONE WHO IS SERIOUS ABOUT BALANCING RISK AND REWARD IN THE PURSUIT OF VALUE FOR THEIR STAKEHOLDERS, AND IN PARTICULAR

FOR THOSE DIRECTLY INVOLVED IN AGILE SOFTWARE DEVELOPMENT WHO SHARE A CONCERN FOR HOW RISK SHOULD BE MANAGED. WHILST A THOROUGH BACKGROUND IN RISK MANAGEMENT IS NOT PRESUMED, A BASIC LEVEL OF FAMILIARITY WITH OR EXPOSURE TO AGILITY IS HELPFUL.

SUCCESSING WITH AGILE - MIKE COHN 2010

PROVEN, 100% PRACTICAL GUIDANCE FOR MAKING SCRUM AND AGILE WORK IN ANY ORGANIZATION THIS IS THE DEFINITIVE, REALISTIC, ACTIONABLE GUIDE TO STARTING FAST WITH SCRUM AND AGILE-AND THEN SUCCEEDING OVER THE LONG HAUL. LEADING AGILE CONSULTANT AND PRACTITIONER MIKE COHN PRESENTS DETAILED RECOMMENDATIONS, POWERFUL TIPS, AND REAL-WORLD CASE STUDIES DRAWN FROM HIS UNPARALLELED EXPERIENCE HELPING HUNDREDS OF SOFTWARE ORGANIZATIONS MAKE SCRUM AND AGILE WORK. SUCCEEDING WITH AGILE IS FOR PRAGMATIC SOFTWARE PROFESSIONALS WHO WANT REAL ANSWERS TO THE MOST DIFFICULT CHALLENGES THEY FACE IN IMPLEMENTING SCRUM. COHN COVERS EVERY FACET OF THE TRANSITION: GETTING STARTED, HELPING INDIVIDUALS TRANSITION TO NEW ROLES, STRUCTURING TEAMS, SCALING UP, WORKING WITH A DISTRIBUTED TEAM, AND FINALLY, IMPLEMENTING EFFECTIVE METRICS AND CONTINUOUS IMPROVEMENT. THROUGHOUT, COHN PRESENTS "THINGS TO TRY NOW" SECTIONS BASED ON HIS MOST SUCCESSFUL

ADVICE. COMPLEMENTARY "OBJECTION"
SECTIONS REPRODUCE TYPICAL
CONVERSATIONS WITH THOSE
RESISTING CHANGE AND OFFER
PRACTICAL GUIDANCE FOR ADDRESSING
THEIR CONCERNS. COVERAGE INCLUDES
PRACTICAL WAYS TO GET STARTED
IMMEDIATELY-AND "GET GOOD" FAST
OVERCOMING INDIVIDUAL RESISTANCE
TO THE CHANGES SCRUM REQUIRES
STAFFING SCRUM PROJECTS AND
BUILDING EFFECTIVE TEAMS
ESTABLISHING "IMPROVEMENT
COMMUNITIES" OF PEOPLE WHO ARE
PASSIONATE ABOUT DRIVING CHANGE
CHOOSING WHICH AGILE TECHNICAL
PRACTICES TO USE OR EXPERIMENT
WITH LEADING SELF-ORGANIZING TEAMS
MAKING THE MOST OF SCRUM SPRINTS,
PLANNING, AND QUALITY TECHNIQUES
SCALING SCRUM TO DISTRIBUTED,
MULTITEAM PROJECTS USING SCRUM ON
PROJECTS WITH COMPLEX SEQUENTIAL
PROCESSES OR CHALLENGING
COMPLIANCE AND GOVERNANCE
REQUIREMENTS UNDERSTANDING
SCRUM'S IMPACT ON HR, FACILITIES,
AND PROJECT MANAGEMENT WHETHER
YOU'VE COMPLETED A FEW SPRINTS OR
MULTIPLE AGILE PROJECTS AND
WHATEVER YOUR ROLE-MANAGER,
DEVELOPER, COACH, SCRUMMASTER,
PRODUCT OWNER, ANALYST, TEAM
LEAD, OR PROJECT LEAD-THIS BOOK
WILL HELP YOU SUCCEED WITH YOUR
VERY NEXT PROJECT. THEN, IT WILL
HELP YOU GO MUCH FURTHER: IT WILL
HELP YOU TRANSFORM YOUR ENTIRE
DEVELOPMENT ORGANIZATION.
PRODUCT-FOCUSED SOFTWARE

PROCESS IMPROVEMENT - PEKKA
ABRAHAMSSON 2016-11-15
THIS BOOK CONSTITUTES THE
PROCEEDINGS OF THE 17TH
INTERNATIONAL CONFERENCE ON
PRODUCT-FOCUSED SOFTWARE
PROCESS IMPROVEMENT, PROFES
2016, HELD IN TRONDHEIM, NORWAY,
IN NOVEMBER 2016. THE 24 REVISED
FULL PAPERS PRESENTED TOGETHER
WITH 21 SHORT PAPERS, 1 KEYNOTE,
3 INVITED PAPERS, 5 WORKSHOP
PAPERS. 2 DOCTORAL SYMPOSIUM
PAPERS, AND 6 TUTORIALS WERE
CAREFULLY REVIEWED AND SELECTED
FROM 82 SUBMISSIONS. THE PAPERS
ARE ORGANIZED IN TOPICAL SECTIONS
ON EARLY PHASES IN SOFTWARE
ENGINEERING; ORGANIZATIONAL
MODELS; ARCHITECTURE; METHODS
AND TOOLS; VERIFICATION AND
VALIDATION; PROCESS IMPROVEMENT;
SPEED AND AGILITY IN SYSTEM
ENGINEERING; REQUIREMENTS AND
QUALITY; PROCESS AND REPOSITORY
MINING; BUSINESS VALUE AND
BENEFITS; EMERGING RESEARCH TOPICS;
AND FUTURE OF COMPUTING.
AGILE SOFTWARE REQUIREMENTS -
DEAN LEFFINGWELL 2010-12-27
"WE NEED BETTER APPROACHES TO
UNDERSTANDING AND MANAGING
SOFTWARE REQUIREMENTS, AND DEAN
PROVIDES THEM IN THIS BOOK. HE
DRAWS IDEAS FROM THREE VERY USEFUL
INTELLECTUAL POOLS: CLASSICAL
MANAGEMENT PRACTICES, AGILE
METHODS, AND LEAN PRODUCT
DEVELOPMENT. BY COMBINING THE
STRENGTHS OF THESE THREE

APPROACHES, HE HAS PRODUCED SOMETHING THAT WORKS BETTER THAN ANY ONE IN ISOLATION.” –FROM THE FOREWORD BY DON REINERTSEN, PRESIDENT OF REINERTSEN & ASSOCIATES; AUTHOR OF MANAGING THE DESIGN FACTORY; AND LEADING EXPERT ON RAPID PRODUCT DEVELOPMENT EFFECTIVE REQUIREMENTS DISCOVERY AND ANALYSIS IS A CRITICAL BEST PRACTICE FOR SERIOUS APPLICATION DEVELOPMENT. UNTIL NOW, HOWEVER, REQUIREMENTS AND AGILE METHODS HAVE RARELY COEXISTED PEACEFULLY. FOR MANY ENTERPRISES CONSIDERING AGILE APPROACHES, THE ABSENCE OF EFFECTIVE AND SCALABLE AGILE REQUIREMENTS PROCESSES HAS BEEN A SHOWSTOPPER FOR AGILE ADOPTION. IN AGILE SOFTWARE REQUIREMENTS, DEAN LEFFINGWELL SHOWS EXACTLY HOW TO CREATE EFFECTIVE REQUIREMENTS IN AGILE ENVIRONMENTS. PART I PRESENTS THE “BIG PICTURE” OF AGILE REQUIREMENTS IN THE ENTERPRISE, AND DESCRIBES AN OVERALL PROCESS MODEL FOR AGILE REQUIREMENTS AT THE PROJECT TEAM, PROGRAM, AND PORTFOLIO LEVELS PART II DESCRIBES A SIMPLE AND LIGHTWEIGHT, YET COMPREHENSIVE MODEL THAT AGILE PROJECT TEAMS CAN USE TO MANAGE REQUIREMENTS PART III SHOWS HOW TO DEVELOP AGILE REQUIREMENTS FOR COMPLEX SYSTEMS THAT REQUIRE THE COOPERATION OF MULTIPLE TEAMS PART IV GUIDES ENTERPRISES IN DEVELOPING AGILE REQUIREMENTS FOR EVER-LARGER “SYSTEMS OF SYSTEMS,”

APPLICATION SUITES, AND PRODUCT PORTFOLIOS THIS BOOK WILL HELP YOU LEVERAGE THE BENEFITS OF AGILE WITHOUT SACRIFICING THE VALUE OF EFFECTIVE REQUIREMENTS DISCOVERY AND ANALYSIS. YOU’LL FIND PROVEN SOLUTIONS YOU CAN APPLY RIGHT NOW—WHETHER YOU’RE A SOFTWARE DEVELOPER OR TESTER, EXECUTIVE, PROJECT/PROGRAM MANAGER, ARCHITECT, OR TEAM LEADER. *ENTERPRISE AGILITY FOR DUMMIES* - DOUG ROSE 2018-02-02 MANAGE AND IMPROVE YOUR ORGANIZATION’S AGILE TRANSFORMATION ADOPTING AN ENTERPRISE AGILE FRAMEWORK IS A RADICAL ORGANIZATIONAL CHANGE, AND THIS BOOK WILL HELP YOU GET THERE WITHOUT EVER BREAKING A SWEAT. IN *ENTERPRISE AGILITY FOR DUMMIES*, YOU’LL DISCOVER HOW TO SUCCESSFULLY CHOOSE AND IMPLEMENT THE RIGHT FRAMEWORK BASED ON YOUR ORGANIZATION’S OWN UNIQUE CULTURE. ORGANIZATIONAL CULTURE IS ONE OF THE MOST OVERLOOKED CHALLENGES WHEN TRYING TO MAKE A CHANGE TO ENTERPRISE AGILE, AND THERE ARE LOTS OF RESOURCES OUT THERE THAT CLAIM TO HAVE THE PERFECT, ONE-SIZE-FITS-ALL SOLUTION. LUCKILY, THIS BOOK TAKES A NEUTRAL STANCE AND COVERS POPULAR ORGANIZATIONAL CHANGE MANAGEMENT TECHNIQUES THAT YOU CAN IMPLEMENT TO SUIT TO YOUR UNIQUE NEEDS. PACKED WITH STEP-BY-STEP INSTRUCTION AND COMPLEMENTED WITH REAL-WORLD CASE STUDIES, THIS BOOK

OFFERS EVERYTHING YOU NEED TO KNOW IN ORDER TO EMBRACE A MORE AGILE MINDSET. UNDERSTAND THE BENEFITS OF AN AGILE APPROACH PICK THE BEST ENTERPRISE AGILE FRAMEWORK FOR YOUR ORGANIZATION CREATE A SUCCESSFUL ENTERPRISE CHANGE MANAGEMENT PLAN LET ENTERPRISE AGILITY FOR DUMMIES HELP YOU OPTIMIZE YOUR BUSINESS PROCESSES, AND WATCH YOUR PRODUCTIVITY SOAR.

PROJECT MANAGEMENT, PLANNING AND CONTROL - ALBERT LESTER
2021-08-27

COVERING THE PRINCIPLES AND TECHNIQUES YOU NEED TO SUCCESSFULLY MANAGE AN ENGINEERING OR TECHNICAL PROJECT FROM START TO FINISH, PROJECT MANAGEMENT, PLANNING AND CONTROL IS AN ESTABLISHED AND WIDELY RECOMMENDED PROJECT MANAGEMENT HANDBOOK. BUILDING ON ITS CLEAR AND DETAILED COVERAGE OF PLANNING, SCHEDULING AND CONTROL, THIS EIGHTH EDITION INCLUDES NEW CASE STUDIES FROM INDUSTRIES INCLUDING PETROCHEMICAL AND CONSTRUCTION, AS WELL AS UPDATES THROUGHOUT TO ACCOUNT FOR CHANGES AND BEST PRACTICE IN GOVERNANCE AND ADJUDICATION. IT ALSO NOW INCLUDES EXPANDED COVERAGE OF AI, BIG DATA AND SUSTAINABILITY. IDEAL FOR THOSE STUDYING FOR PROJECT MANAGEMENT PROFESSIONAL (PMP) QUALIFICATIONS, PROJECT MANAGEMENT, PLANNING AND CONTROL IS ALIGNED WITH THE LATEST PROJECT

MANAGEMENT BODY OF KNOWLEDGE (PMBOK) FOR BOTH THE PROJECT MANAGEMENT INSTITUTE (PMI) AND THE ASSOCIATION OF PROJECT MANAGEMENT (APM) AND INCLUDES QUESTIONS AND ANSWERS TO HELP YOU TEST YOUR UNDERSTANDING. SELF-CONTAINED CHAPTERS MAKE THIS IDEAL FOR QUICK REFERENCE. PROVIDES CASE STUDIES IN PROJECT MANAGEMENT FROM CONSTRUCTION INDUSTRIES AND AI. UPDATED AND EXPANDED TO ADDRESS NEW TRENDS AND TECHNIQUES RELATED TO GOVERNANCE, STAKEHOLDER MANAGEMENT, BIM/VDC AND PRIMAVERA P6.

PRACTICES FOR SCALING LEAN & AGILE DEVELOPMENT - CRAIG LARMAN
2010-01-26

LEAN AND AGILE DEVELOPMENT FOR LARGE-SCALE PRODUCTS: KEY PRACTICES FOR SUSTAINABLE COMPETITIVE SUCCESS INCREASINGLY, LARGE PRODUCT-DEVELOPMENT ORGANIZATIONS ARE TURNING TO LEAN THINKING, AGILE PRINCIPLES AND PRACTICES, AND LARGE-SCALE SCRUM TO SUSTAINABLY AND QUICKLY DELIVER VALUE AND INNOVATION. DRAWING ON THEIR LONG EXPERIENCE LEADING AND GUIDING LEAN AND AGILE ADOPTIONS FOR LARGE, MULTISITE, AND OFFSHORE PRODUCT DEVELOPMENT, INTERNATIONALLY RECOGNIZED CONSULTANT AND BEST-SELLING AUTHOR CRAIG LARMAN AND FORMER LEADER OF THE AGILE TRANSFORMATION AT NOKIA NETWORKS BAS VODDE SHARE THE KEY ACTION TOOLS NEEDED FOR SUCCESS. COVERAGE INCLUDES

FRAMEWORKS FOR LARGE-SCALE SCRUM
FOR MULTIHUNDRED-PERSON PRODUCT
GROUPS TESTING AND BUILDING
QUALITY IN PRODUCT MANAGEMENT
AND THE END OF THE “CONTRACT GAME”
BETWEEN BUSINESS AND R&D
ENVISIONING A LARGE RELEASE, AND
PLANNING FOR MULTITEAM DEVELOPMENT
LOW-QUALITY LEGACY CODE: WHY
IT’S CREATED, AND HOW TO STOP IT
CONTINUOUS INTEGRATION IN A LARGE
MULTISITE CONTEXT AGILE
ARCHITECTING MULTISITE OR OFFSHORE
DEVELOPMENT CONTRACTS AND
OUTSOURCED DEVELOPMENT IN A
COMPETITIVE ENVIRONMENT THAT
DEMANDS EVER-FASTER CYCLE TIMES
AND GREATER INNOVATION, THE
PRACTICES INSPIRED BY LEAN THINKING
AND AGILE PRINCIPLES ARE EVER-MORE
RELEVANT. PRACTICES FOR SCALING
LEAN & AGILE DEVELOPMENT WILL HELP
PEOPLE REALIZE A LEAN
ENTERPRISE—AND DELIVER ON THE
SIGNIFICANT BENEFITS OF AGILITY. IN
ADDITION TO THE ACTION TOOLS IN
THIS TEXT, SEE THE COMPANION BOOK
SCALING LEAN & AGILE DEVELOPMENT:
THINKING AND ORGANIZATIONAL TOOLS
FOR LARGE-SCALE SCRUM FOR
COMPLEMENTARY FOUNDATION TOOLS.
*LEAN ENTERPRISE SOFTWARE AND
SYSTEMS* - PEKKA ABRAHAMSSON
2010-10-21

THE LESS 2010 CONFERENCE WAS
THE FIRST SCIENTIFIC CONFERENCE
DEDICATED TO ADVANCING THE “LEAN
ENTERPRISE SOFTWARE AND SYSTEMS”
BODY OF KNOWLEDGE. IT FOSTERED
INTERACTIONS BY JOINING THE LEAN

PRODUCT DEVELOPMENT COMMUNITY
WITH THE AGILE COMMUNITY COUPLED
WITH INNOVATIVE IDEAS NURTURED BY
THE BEYOND BUDGETING SCHOOL OF
THINKING. THE CONFERENCE WAS
ORGANIZED IN COLLABORATION WITH
THE LEAN SOFTWARE AND SYSTEMS
CONSORTIUM (LSSC). THE
CONFERENCE IS ESTABLISHED AS A
CONFERENCE SERIES. THE IDEA OF THE
CONFERENCE WAS TO OFFER A UNIQUE
PLATFORM FOR ADVANCING THE STATE
OF THE ART IN RESEARCH AND PRACTICE
BY BRINGING THE LEADING RESEARCHERS
AND PRACTITIONERS TO THE SAME
TABLE. INDEED, LESS 2010
ATTRACTED A UNIQUE MIX OF
PARTICIPANTS INCLUDING ACADEMICS,
RESEARCHERS, LEADING CONSULTANTS
AND INDUSTRY PRACTITIONERS. THE AIM
OF THE CONFERENCE WAS TO USE THIS
DIVERSE COMMUNITY TO ADVANCE
RESEARCH AND PRACTICAL KNOWLEDGE
CONCERNING LEAN THINKING WITHIN THE
FIELD OF SOFTWARE BUSINESS AND
DEVELOPMENT. LESS 2010 HAD MORE
THAN 60% OF ITS SPEAKERS COME
FROM THE INDUSTRY AND THE REMAINING
FROM ACADEMIA. LESS IS POISED TO
GROW AS WE ADVANCE INTO FUTURE
ITERATIONS OF THE CONFERENCE AND
BECOME THE CONFERENCE FOR LEAN
THINKING IN SYSTEMS AND SOFTWARE
DEVELOPMENT. ITS GROWTH AND
CREDIBILITY WILL BE ADVANCED BY THE
COMMUNITIES AND KNOWLEDGE
EXCHANGE PLATFORM IT PROVIDES.
LESS OFFERS SEVERAL AVENUES FOR
KNOWLEDGE EXCHANGE TO CREATE A
HIGHLY COLLABORATIVE ENVIRONMENT.

EACH YEAR, WE AIM TO BRING NOVELTY TO A PROGRAM THAT FOSTERS COLLABORATION, LETTING NEW IDEAS THRIVE DURING AND AFTER THE CONFERENCE.

DISCIPLINED AGILE DELIVERY - SCOTT W. AMBLER 2012-05-31
MASTER IBM'S BREAKTHROUGH DAD PROCESS FRAMEWORK FOR SUCCEEDING WITH AGILE IN LARGE, COMPLEX, MISSION-CRITICAL IT PROJECTS IT IS WIDELY RECOGNIZED THAT MOVING FROM TRADITIONAL TO AGILE APPROACHES TO BUILD SOFTWARE SOLUTIONS IS A CRITICAL SOURCE OF COMPETITIVE ADVANTAGE. MAINSTREAM AGILE APPROACHES THAT ARE INDEED SUITABLE FOR SMALL PROJECTS REQUIRE SIGNIFICANT TAILORING FOR LARGER, COMPLEX ENTERPRISE PROJECTS. IN *DISCIPLINED AGILE DELIVERY*, SCOTT W. AMBLER AND MARK LINES INTRODUCE IBM'S BREAKTHROUGH *DISCIPLINED AGILE DELIVERY (DAD)* PROCESS FRAMEWORK, WHICH DESCRIBES HOW TO DO THIS TAILORING. DAD APPLIES A MORE DISCIPLINED APPROACH TO AGILE DEVELOPMENT BY ACKNOWLEDGING AND DEALING WITH THE REALITIES AND COMPLEXITIES OF A PORTFOLIO OF INTERDEPENDENT PROGRAM INITIATIVES. AMBLER AND LINES SHOW HOW TO EXTEND SCRUM WITH SUPPLEMENTARY AGILE AND LEAN STRATEGIES FROM AGILE MODELING (AM), EXTREME PROGRAMMING (XP), KANBAN, UNIFIED PROCESS (UP), AND OTHER PROVEN METHODS TO PROVIDE A HYBRID APPROACH THAT IS ADAPTABLE TO YOUR ORGANIZATION'S UNIQUE

NEEDS. THEY CANDIDLY DESCRIBE WHAT PRACTICES WORK BEST, WHY THEY WORK, WHAT THE TRADE-OFFS ARE, AND WHEN TO CONSIDER ALTERNATIVES, ALL WITHIN THE CONTEXT OF YOUR SITUATION. *DISCIPLINED AGILE DELIVERY* ADDRESSES AGILE PRACTICES ACROSS THE ENTIRE LIFECYCLE, FROM REQUIREMENTS, ARCHITECTURE, AND DEVELOPMENT TO DELIVERY AND GOVERNANCE. THE AUTHORS SHOW HOW THESE BEST-PRACTICE TECHNIQUES FIT TOGETHER IN AN END-TO-END PROCESS FOR SUCCESSFULLY DELIVERING LARGE, COMPLEX SYSTEMS-- FROM PROJECT INITIATION THROUGH DELIVERY. COVERAGE INCLUDES SCALING AGILE FOR MISSION-CRITICAL ENTERPRISE ENDEAVORS AVOIDING MISTAKES THAT DRIVE POORLY RUN AGILE PROJECTS TO CHAOS EFFECTIVELY INITIATING AN AGILE PROJECT TRANSITIONING AS AN INDIVIDUAL TO AGILE INCREMENTALLY BUILDING CONSUMABLE SOLUTIONS DEPLOYING AGILE SOLUTIONS INTO COMPLEX PRODUCTION ENVIRONMENTS LEVERAGING DEVOPS, ARCHITECTURE, AND OTHER ENTERPRISE DISCIPLINES ADAPTING YOUR GOVERNANCE STRATEGY FOR AGILE PROJECTS BASED ON FACTS, RESEARCH, AND EXTENSIVE EXPERIENCE, THIS BOOK WILL BE AN INDISPENSABLE RESOURCE FOR EVERY ENTERPRISE SOFTWARE LEADER AND PRACTITIONER--WHETHER THEY'RE SEEKING TO OPTIMIZE THEIR EXISTING AGILE/SCRUM PROCESS OR IMPROVE THE AGILITY OF AN ITERATIVE PROCESS.

AGILE METHODS. LARGE-SCALE

**DEVELOPMENT, REFACTORING, TESTING,
AND ESTIMATION** - TORGEIR DINGS² YR
2014-12-06

THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THREE INTERNATIONAL WORKSHOPS HELD IN ROME, ITALY, IN CONJUNCTION WITH THE 15TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2014, IN MAY 2014. THE WORKSHOPS COMPRISED PRINCIPLES OF LARGE-SCALE AGILE DEVELOPMENT, REFACTORING & TESTING (REFTEST 2014), AND ESTIMATIONS IN THE 21ST CENTURY SOFTWARE ENGINEERING (ESTSE21 2014). THE 13 REVISED FULL PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 28 SUBMISSIONS. IN ADDITION, AN INTRODUCTION AND A KEYNOTE PAPER ARE INCLUDED.

A PRACTICAL APPROACH TO LARGE-SCALE AGILE DEVELOPMENT - GARY GRUVER 2012

TODAY, EVEN THE LARGEST DEVELOPMENT ORGANISATIONS ARE TURNING TO AGILE METHODOLOGIES, SEEKING MAJOR PRODUCTIVITY AND QUALITY IMPROVEMENTS. HOWEVER, LARGE-SCALE AGILE DEVELOPMENT IS DIFFICULT, AND PUBLICLY AVAILABLE CASE STUDIES HAVE BEEN SCARCE. NOW, THREE AGILE PIONEERS AT HEWLETT-PACKARD PRESENT A CANDID, START-TO-FINISH INSIDER'S LOOK AT HOW THEY'VE SUCCEEDED WITH AGILE IN ONE OF THE COMPANY'S MOST MISSION-CRITICAL SOFTWARE ENVIRONMENTS: FIRMWARE FOR HP LASERJET PRINTERS. THIS BOOK TELLS

THE STORY OF AN EXTRAORDINARY EXPERIMENT AND JOURNEY. COULD AGILE PRINCIPLES BE APPLIED TO RE-ARCHITECT AN ENORMOUS LEGACY CODE BASE? COULD AGILE ENABLE BOTH TIMELY DELIVERY AND ONGOING INNOVATION? COULD IT REALLY BE APPLIED TO 400+ DEVELOPERS DISTRIBUTED ACROSS FOUR STATES, THREE CONTINENTS, AND FOUR BUSINESS UNITS? COULD IT GO BEYOND DELIVERING INCREMENTAL GAINS, TO MEET THE STRETCH GOAL OF 10X DEVELOPER PRODUCTIVITY IMPROVEMENTS? IT COULD, AND IT DID-- BUT GETTING THERE WAS NOT EASY. WRITING FOR BOTH MANAGERS AND TECHNOLOGISTS, THE AUTHORS CANDIDLY DISCUSS BOTH THEIR SUCCESSES AND FAILURES, PRESENTING ACTIONABLE LESSONS FOR OTHER DEVELOPMENT ORGANISATIONS, AS WELL AS APPROACHES THAT HAVE PROVEN THEMSELVES REPEATEDLY IN HP'S CHALLENGING ENVIRONMENT. THEY NOT ONLY ILLUMINATE THE POTENTIAL BENEFITS OF AGILE IN LARGE-SCALE DEVELOPMENT, THEY ALSO SYSTEMATICALLY SHOW HOW THESE BENEFITS CAN ACTUALLY BE ACHIEVED. COVERAGE INCLUDES: TIGHTLY LINKING AGILE METHODS AND ENTERPRISE ARCHITECTURE WITH BUSINESS OBJECTIVES FOCUSING AGILE PRACTICES ON YOUR WORST DEVELOPMENT PAIN POINTS TO GET THE MOST BANG FOR YOUR BUCK ABANDONING CLASSIC AGILE METHODS THAT DON'T WORK AT THE LARGEST SCALE EMPLOYING AGILE METHODS TO ESTABLISH A NEW

ARCHITECTURE USING METRICS AS A "CONVERSATION STARTER" AROUND AGILE PROCESS IMPROVEMENTS LEVERAGING CONTINUOUS INTEGRATION AND QUALITY SYSTEMS TO REDUCE COSTS, ACCELERATE SCHEDULES, AND AUTOMATE THE DELIVERY PIPELINE TAMING THE PLANNING BEAST WITH "LIGHT-TOUCH" AGILE PLANNING AND LIGHTWEIGHT LONG-RANGE FORECASTING IMPLEMENTING EFFECTIVE PROJECT MANAGEMENT AND ENSURING ACCOUNTABILITY IN LARGE AGILE PROJECTS MANAGING TRADEOFFS ASSOCIATED WITH KEY DECISIONS ABOUT ORGANISATIONAL STRUCTURE OVERCOMING U.S./INDIA CULTURAL DIFFERENCES THAT CAN COMPLICATE OFFSHORE DEVELOPMENT SELECTING TOOLS TO SUPPORT QUANTUM LEAPS IN PRODUCTIVITY IN YOUR ORGANISATION USING CHANGE MANAGEMENT DISCIPLINES TO SUPPORT GREATER ENTERPRISE AGILITY

AGILE SOFTWARE ARCHITECTURE - JENNIFER P. REZ 2013-11-27

AGILE ARCHITECTING IS A KEY ISSUE TO SCALE AGILE TO DEVELOP LARGE SOFTWARE SYSTEMS. THIS CHAPTER DESCRIBES A SET OF MECHANISMS THAT MAKE AGILE ARCHITECTING FEASIBLE. THESE MECHANISMS ARE SMOOTHLY INTEGRATED IN A TAILORED SCRUM FOR AGILE ARCHITECTING BY (1) DEFINING PRODUCT REQUIREMENTS IN TERMS OF FEATURES BY USING FEATURE POOLS AND FEATURE TREES TO PROVIDE THE PORTFOLIO AND ROADMAP VISIONS OF A PRODUCT, (2) DESIGNING HIGHLY FLEXIBLE ARCHITECTURE CALLED

WORKING ARCHITECTURE, (3) BRIDGING USER STORIES AND SOFTWARE ARCHITECTURE THROUGH FEATURES AND DESIGN DECISIONS AS TRACEABILITY MECHANISMS, AND (4) SYSTEMATICALLY ASSISTING AGILE PRACTITIONERS BY CONDUCTING CHANGE IMPACT ANALYSIS OF FEATURES THROUGH VARIOUS ITERATIONS OF THE AGILE PROCESS. THIS TAILORED SCRUM FOR AGILE ARCHITECTING HAS BEEN SUCCESSFULLY PUT INTO PRACTICE TO DEVELOP SEVERAL PROJECTS, WHICH HAVE BEEN DEPLOYED IN A SOFTWARE FACTORY SET UP IN COLLABORATION BETWEEN THE TECHNICAL UNIVERSITY OF MADRID (UPM) AND THE COMPANY INDRA. IN THIS CHAPTER, ONE OF THESE PROJECTS IS USED TO ILLUSTRATE HOW THIS TAILORED SCRUM HAS BEEN APPLIED AND HOW IT CAN BE ADOPTED.

SOFTWARE ARCHITECTURE - DANNY WEYNS 2015-09-02

THIS BOOK CONSTITUTES THE PROCEEDINGS OF THE 9TH EUROPEAN CONFERENCE ON SOFTWARE ARCHITECTURE, ECSA 2015, HELD IN CAVTAT, CROATIA IN SEPTEMBER 2015. THE 12 FULL PAPERS AND 15 SHORT PAPERS PRESENTED TOGETHER WITH THREE EDUCATION AND TRAINING PAPERS IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED FROM 100 SUBMISSIONS. THEY ARE ORGANIZED IN TOPICAL SECTIONS NAMED: ADAPTATION; DESIGN APPROACHES; DECISIONS AND SOCIAL ASPECTS; EDUCATION AND TRAINING; CLOUD AND GREEN; AGILE AND SMART SYSTEMS; ANALYSIS AND AUTOMATION;

SERVICES AND ECOSYSTEMS.

CONTINUOUS SOFTWARE ENGINEERING -

JAN BOSCH 2014-11-11

THIS BOOK PROVIDES ESSENTIAL INSIGHTS ON THE ADOPTION OF MODERN SOFTWARE ENGINEERING PRACTICES AT LARGE COMPANIES PRODUCING SOFTWARE-INTENSIVE SYSTEMS, WHERE HUNDREDS OR EVEN THOUSANDS OF ENGINEERS COLLABORATE TO DELIVER ON NEW SYSTEMS AND NEW VERSIONS OF ALREADY DEPLOYED ONES. IT IS BASED ON THE FINDINGS COLLECTED AND LESSONS LEARNED AT THE SOFTWARE CENTER (SC), A UNIQUE COLLABORATION BETWEEN RESEARCH AND INDUSTRY, WITH CHALMERS UNIVERSITY OF TECHNOLOGY, GOTHENBURG UNIVERSITY AND MALMÖ UNIVERSITY AS ACADEMIC PARTNERS AND ERICSSON, AB VOLVO, VOLVO CAR CORPORATION, SAAB ELECTRONIC DEFENSE SYSTEMS, GRUNDFOS, AXIS COMMUNICATIONS, JEPPESEN (BOEING) AND SONY MOBILE AS INDUSTRIAL PARTNERS. THE 17 CHAPTERS PRESENT THE “STAIRWAY TO HEAVEN” MODEL, WHICH REPRESENTS THE TYPICAL EVOLUTION PATH COMPANIES MOVE THROUGH AS THEY DEVELOP AND MATURE THEIR SOFTWARE ENGINEERING CAPABILITIES. THE CHAPTERS DESCRIBE THEORETICAL FRAMEWORKS, CONCEPTUAL MODELS AND, MOST IMPORTANTLY, THE INDUSTRIAL EXPERIENCES GAINED BY THE PARTNER COMPANIES IN APPLYING NOVEL SOFTWARE ENGINEERING TECHNIQUES. THE BOOK’S STRUCTURE CONSISTS OF SIX PARTS. PART I DESCRIBES THE

MODEL IN DETAIL AND PRESENTS AN OVERVIEW OF LESSONS LEARNED IN THE COLLABORATION BETWEEN INDUSTRY AND ACADEMIA. PART II DEALS WITH THE FIRST STEP OF THE STAIRWAY TO HEAVEN, IN WHICH R&D ADOPTS AGILE WORK PRACTICES. PART III OF THE BOOK COMBINES THE NEXT TWO PHASES, I.E., CONTINUOUS INTEGRATION (CI) AND CONTINUOUS DELIVERY (CD), AS THEY ARE CLOSELY INTERTWINED. PART IV IS CONCERNED WITH THE HIGHEST LEVEL, REFERRED TO AS “R&D AS AN INNOVATION SYSTEM,” WHILE PART V ADDRESSES A TOPIC THAT IS SEPARATE FROM THE STAIRWAY TO HEAVEN AND YET CRITICALLY IMPORTANT IN LARGE ORGANIZATIONS: ORGANIZATIONAL PERFORMANCE METRICS THAT CAPTURE DATA, AND VISUALIZATIONS OF THE STATUS OF SOFTWARE ASSETS, DEFECTS AND TEAMS. LASTLY, PART VI PRESENTS THE PERSPECTIVES OF TWO OF THE SC PARTNER COMPANIES. THE BOOK IS INTENDED FOR PRACTITIONERS AND PROFESSIONALS IN THE SOFTWARE-INTENSIVE SYSTEMS INDUSTRY, PROVIDING CONCRETE MODELS, FRAMEWORKS AND CASE STUDIES THAT SHOW THE SPECIFIC CHALLENGES THAT THE PARTNER COMPANIES ENCOUNTERED, THEIR APPROACHES TO OVERCOMING THEM, AND THE RESULTS. RESEARCHERS WILL GAIN VALUABLE INSIGHTS ON THE PROBLEMS FACED BY LARGE SOFTWARE COMPANIES, AND ON HOW TO EFFECTIVELY TACKLE THEM IN THE CONTEXT OF SUCCESSFUL COOPERATION PROJECTS.

SAFE 5.0 DISTILLED: ACHIEVING BUSINESS AGILITY WITH THE SCALED AGILE FRAMEWORK - RICHARD. LEFFINGWELL KNASTER (DEAN.)
2020-08-08

SAFE® 4.0 REFERENCE GUIDE - DEAN LEFFINGWELL 2016-07-29

THE MUST-HAVE REFERENCE GUIDE FOR SAFE® PRACTITIONERS “THERE ARE A LOT OF METHODS OF SCALE OUT THERE, BUT THE SCALED AGILE FRAMEWORK IS THE ONE LIGHTING UP THE WORLD.”

-STEVE ELLIOT, FOUNDER/CEO AGILECRAFT “YOU DON’T HAVE TO BE PERFECT TO START SAFE BECAUSE YOU LEARN AS YOU GO—LEARNING IS BUILT IN. BEFORE SAFE, I WOULD NOT KNOW HOW TO HELP MY TEAMS BUT NOW I HAVE MANY TOOLS TO ENABLE THE TEAMS. MY JOB IS REALLY FUN AND THE BOTTOM LINE IS I HAVE NEVER ENJOYED MY JOB MORE!” -PRODUCT MANAGER, FORTUNE 500 ENTERPRISE CAPTURED FOR THE FIRST TIME IN PRINT, THE SAFE BODY OF KNOWLEDGE IS NOW AVAILABLE AS A HANDY DESKTOP REFERENCE TO HELP YOU ACCOMPLISH YOUR MISSION OF BUILDING BETTER SOFTWARE AND SYSTEMS. INSIDE, YOU’LL FIND COMPLETE COVERAGE OF WHAT HAS, UNTIL NOW, ONLY BEEN AVAILABLE ONLINE AT SCALEDAGILEFRAMEWORK.COM. THE SAFE KNOWLEDGE BASE WAS DEVELOPED FROM REAL-WORLD FIELD EXPERIENCE AND PROVIDES PROVEN SUCCESS PATTERNS FOR IMPLEMENTING LEAN-AGILE SOFTWARE AND SYSTEMS DEVELOPMENT AT ENTERPRISE SCALE.

THIS BOOK PROVIDES COMPREHENSIVE GUIDANCE FOR WORK AT THE ENTERPRISE PORTFOLIO, VALUE STREAM, PROGRAM, AND TEAM LEVELS, INCLUDING THE VARIOUS ROLES, ACTIVITIES, AND ARTIFACTS THAT CONSTITUTE THE FRAMEWORK, ALONG WITH THE FOUNDATIONAL ELEMENTS OF VALUES, MINDSET, PRINCIPLES, AND PRACTICES. EDUCATION & TRAINING KEY TO SUCCESS THE PRACTICE OF SAFE IS SPREADING RAPIDLY THROUGHOUT THE WORLD. THE MAJORITY OF FORTUNE 100 U.S. COMPANIES HAVE CERTIFIED SAFE PRACTITIONERS AND CONSULTANTS, AS DO AN INCREASING PERCENTAGE OF THE GLOBAL 1000 ENTERPRISES. CASE STUDY RESULTS—VISIT SCALEDAGILEFRAMEWORK.COM/CASE-STUDIES—TYPICALLY INCLUDE:

- 20—50% INCREASE IN PRODUCTIVITY
- 50%+ INCREASES IN QUALITY
- 30—75% FASTER TIME TO MARKET

MEASURABLE INCREASES IN EMPLOYEE ENGAGEMENT AND JOB SATISFACTION WITH RESULTS LIKE THESE, THE DEMAND FROM ENTERPRISES SEEKING SAFE EXPERTISE IS ACCELERATING AT A DRAMATIC RATE. SUCCESSFUL IMPLEMENTATIONS MAY VARY IN CONTEXT, BUT SHARE A COMMON ATTRIBUTE: A WORKFORCE WELL TRAINED AND EDUCATED IN SAFE PRACTICES. THIS BOOK—ALONG WITH AUTHORIZED TRAINING AND CERTIFICATION—WILL HELP YOU UNDERSTAND HOW TO MAXIMIZE THE VALUE OF YOUR ROLE WITHIN A SAFE ORGANIZATION. THE RESULT IS GREATER

ALIGNMENT, VISIBILITY, IMPROVED PERFORMANCE THROUGHOUT THE ENTERPRISE, AND ULTIMATELY BETTER OUTCOMES FOR THE BUSINESS.

AGILE PROCESSES IN SOFTWARE ENGINEERING AND EXTREME PROGRAMMING – WORKSHOPS – RASHINA HODA 2019-08-30

THIS OPEN ACCESS BOOK CONSTITUTES THE RESEARCH WORKSHOPS, DOCTORAL SYMPOSIUM AND PANEL SUMMARIES PRESENTED AT THE 20TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2019, HELD IN MONTREAL, QC, CANADA, IN MAY 2019. XP IS THE PREMIER AGILE SOFTWARE DEVELOPMENT CONFERENCE COMBINING RESEARCH AND PRACTICE. IT IS A HYBRID FORUM WHERE AGILE RESEARCHERS, ACADEMICS, PRACTITIONERS, THOUGHT LEADERS, COACHES, AND TRAINERS GET TOGETHER TO PRESENT AND DISCUSS THEIR MOST RECENT INNOVATIONS, RESEARCH RESULTS, EXPERIENCES, CONCERNS, CHALLENGES, AND TRENDS. FOLLOWING THIS HISTORY, FOR BOTH RESEARCHERS AND SEASONED PRACTITIONERS XP 2019 PROVIDED AN INFORMAL ENVIRONMENT TO NETWORK, SHARE, AND DISCOVER TRENDS IN AGILE FOR THE NEXT 20 YEARS. RESEARCH PAPERS AND TALKS SUBMISSIONS WERE INVITED FOR THE THREE XP 2019 RESEARCH WORKSHOPS, NAMELY, AGILE TRANSFORMATION, AUTONOMOUS TEAMS, AND LARGE SCALE AGILE. THIS BOOK INCLUDES 15 RELATED PAPERS. IN ADDITION, A SUMMARY FOR EACH OF THE FOUR PANELS AT XP 2019 IS

INCLUDED. THE PANELS WERE ON SECURITY AND PRIVACY; THE IMPACT OF THE AGILE MANIFESTO ON CULTURE, EDUCATION, AND SOFTWARE PRACTICES; BUSINESS AGILITY – AGILE’S NEXT FRONTIER; AND AGILE – THE NEXT 20 YEARS.

AGILE PROCESSES, IN SOFTWARE ENGINEERING, AND EXTREME PROGRAMMING – HELEN SHARP 2016-05-14

THIS BOOK CONTAINS THE REFEREED PROCEEDINGS OF THE 17TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2016, HELD IN EDINBURGH, UK, IN MAY 2016. WHILE AGILE DEVELOPMENT HAS ALREADY BECOME MAINSTREAM IN INDUSTRY, THIS FIELD IS STILL CONSTANTLY EVOLVING AND CONTINUES TO SPUR AN ENORMOUS INTEREST BOTH IN INDUSTRY AND ACADEMIA. TO THIS END, THE XP CONFERENCE ATTRACTS A LARGE NUMBER OF SOFTWARE PRACTITIONERS AND RESEARCHERS, PROVIDING A RARE OPPORTUNITY FOR INTERACTION BETWEEN THE TWO COMMUNITIES. THE 14 FULL PAPERS ACCEPTED FOR XP 2016 WERE SELECTED FROM 42 SUBMISSIONS. ADDITIONALLY, 11 EXPERIENCE REPORTS (FROM 25 SUBMISSIONS) 5 EMPIRICAL STUDIES (OUT OF 12 SUBMITTED) AND 5 DOCTORAL PAPERS (FROM 6 PAPERS SUBMITTED) WERE SELECTED, AND IN EACH CASE THE AUTHORS WERE SHEPHERDED BY AN EXPERIENCED RESEARCHER. GENERALLY, ALL OF THE SUBMITTED PAPERS WENT THROUGH A

RIGOROUS PEER-REVIEW PROCESS.
KNOWLEDGE MANAGEMENT IN ORGANISATIONS - LORNA UDEN
2022-07-04

THIS BOOK CONTAINS THE REFEREED PROCEEDINGS OF THE 16TH INTERNATIONAL CONFERENCE ON KNOWLEDGE MANAGEMENT IN ORGANIZATIONS, KMO 2022, HELD IN HAGEN, GERMANY, IN JULY 2022. THE 24 FULL PAPERS AND 5 SHORT PAPERS ACCEPTED FOR KMO 2022 WERE SELECTED FROM 61 SUBMISSIONS AND ARE ORGANIZED IN TOPICAL SECTIONS ON: KNOWLEDGE TRANSFER AND SHARING; KNOWLEDGE AND ORGANIZATION; KNOWLEDGE AND SERVICE INNOVATION; INDUSTRY 4.0; INFORMATION AND KNOWLEDGE SYSTEMS; INTELLIGENT SCIENCE; AI AND NEW TRENDS IN KM.

AGILE SOFTWARE ARCHITECTURE - VELI-PEKKA ELORANTA 2013-11-27
ARCHITECTURE KNOWLEDGE MANAGEMENT (AKM) AIMS TO CODIFY AND MAINTAIN THE ARCHITECTURAL KNOWLEDGE OF A SOFTWARE SYSTEM IN A FORM THAT CAN BE EASILY ACCESSED BY DIFFERENT STAKEHOLDERS. INTEGRATING AKM WITH AN AGILE PROJECT MANAGEMENT PARADIGM IS A CHALLENGE BECAUSE THE AGILE PHILOSOPHY DOWNPLAYS BOTH PLAN-DRIVEN DEVELOPMENT AND DOCUMENTATION. YET, BY INTEGRATING LIGHTWEIGHT AKM PRACTICES WITH THE PROCESS, AGILE SOFTWARE DEVELOPMENT COULD AVOID MAINTENANCE AND COMMUNICATION PROBLEMS ARISING FROM SCARCE

DOCUMENTATION. IN THIS CHAPTER, WE INTRODUCE EXISTING TECHNOLOGIES THAT COULD BE USED AS ELEMENTS OF LIGHTWEIGHT AKM FOR AGILE SOFTWARE DEVELOPMENT AND PRESENT POSSIBLE MODELS TO INTEGRATE AKM WITH SCRUM, WHICH IS THE MOST POPULAR AGILE APPROACH IN USE TODAY. IN PARTICULAR, WE ADVOCATE THE EXPLOITATION OF ARCHITECTURAL EVALUATIONS TO COLLECT ARCHITECTURALLY SIGNIFICANT INFORMATION SEMIAUTOMATICALLY AND THE USE OF AUTOMATED DOCUMENT GENERATION TO EXPOSE THE CONTENTS OF AN ARCHITECTURAL INFORMATION REPOSITORY IN AN EASILY ACCESSIBLE FORM. THE PROPOSED MODELS ARE BASED ON OBSERVED ARCHITECTING WORK PRACTICES IN INDUSTRY AND ON INTERVIEWS CARRIED OUT IN INDUSTRY TO IDENTIFY THE ARCHITECTURAL INFORMATION FLOW IN REAL-LIFE AGILE PROJECTS.

THE BUSINESS VALUE OF AGILE SOFTWARE METHODS - DAVID F. RICO
2009-10-15

WHETHER TO CONTINUE USING TRADITIONAL COST AND BENEFIT ANALYSIS METHODS SUCH AS SYSTEMS AND SOFTWARE ENGINEERING STANDARDS OR TO USE A RELATIVELY NEW FAMILY OF SOFTWARE DEVELOPMENT PROCESSES KNOWN AS AGILE METHODS IS ONE OF MOST PREVALENT QUESTIONS WITHIN THE INFORMATION TECHNOLOGY FIELD TODAY. SINCE EACH FAMILY OF METHODS HAS ITS STRENGTHS AND WEAKNESSES, THE QUESTION BEING

RAISED BY A GROWING NUMBER OF EXECUTIVES AND PRACTITIONERS IS: WHICH FAMILY OF METHODS PROVIDES THE GREATER BUSINESS VALUE AND RETURN ON INVESTMENT (ROI)? WHEREAS TRADITIONAL METHODS HAVE BEEN IN USE FOR MANY DECADES, AGILE METHODS ARE STILL A NEW PHENOMENON AND, UNTIL NOW, VERY LITTLE LITERATURE HAS EXISTED ON HOW TO QUANTIFY THE BUSINESS VALUE OF AGILE METHODS IN ECONOMIC TERMS, SUCH AS ROI AND NET PRESENT VALUE (NPV). USING COST OF QUALITY, TOTAL COST OF OWNERSHIP, AND TOTAL LIFE CYCLE COST PARAMETERS, THE BUSINESS VALUE OF AGILE SOFTWARE METHODS OFFERS A COMPREHENSIVE METHODOLOGY AND INTRODUCES THE INDUSTRY'S INITIAL TOP-DOWN PARAMETRIC MODELS FOR QUANTIFYING THE COSTS AND BENEFITS OF USING AGILE METHODS TO CREATE INNOVATIVE SOFTWARE PRODUCTS. BASED ON REAL-WORLD DATA, IT ILLUSTRATES THE FIRST SIMPLE-TO-USE PARAMETRIC MODELS OF REAL OPTIONS FOR ESTIMATING THE BUSINESS VALUE OF AGILE METHODS SINCE THE INCEPTION OF THE NOBEL PRIZE WINNING BLACK-SCHOLES FORMULAS. NUMEROUS EXAMPLES ON HOW TO ESTIMATE THE COSTS, BENEFITS, ROI, NPV, AND REAL OPTIONS OF THE MAJOR TYPES OF AGILE METHODS SUCH AS SCRUM, EXTREME PROGRAMMING AND CRYSTAL METHODS ARE ALSO INCLUDED. IN ADDITION, THIS REFERENCE PROVIDES THE FIRST COMPREHENSIVE COMPILATION OF COST AND BENEFIT DATA ON AGILE

METHODS FROM AN ANALYSIS OF HUNDREDS OF RESEARCH STUDIES. THE BUSINESS VALUE OF AGILE SOFTWARE METHODS SHATTERS KEY MYTHS AND MISCONCEPTIONS SURROUNDING THE MODERN-DAY PHENOMENON OF AGILE METHODS FOR CREATING INNOVATIVE SOFTWARE PRODUCTS. IT PROVIDES A COMPLETE BUSINESS VALUE COMPARISON BETWEEN TRADITIONAL AND AGILE METHODS. THE KEYS TO MAXIMIZING THE BUSINESS VALUE OF ANY METHOD ARE LOW COSTS AND HIGH BENEFITS AND THE BUSINESS VALUE OF AGILE METHODS, WHEN COMPARED TO TRADITIONAL METHODS, PROVES TO BE VERY IMPRESSIVE. AGILE METHODS ARE A NEW MODEL OF PROJECT MANAGEMENT THAT CAN BE USED TO IMPROVE THE SUCCESS, BUSINESS VALUE, AND ROI OF HIGH-RISK AND HIGHLY COMPLEX IT PROJECTS IN TODAY'S DYNAMIC, TURBULENT, AND HIGHLY UNCERTAIN MARKETPLACE. IF YOU ARE AN EXECUTIVE, MANAGER, SCHOLAR, STUDENT, CONSULTANT OR PRACTITIONER CURRENTLY ON THE FENCE, YOU NEED TO READ THIS BOOK!

AGILE SOFTWARE DEVELOPMENT - THOMAS STOBER 2009-10-03

SOFTWARE DEVELOPMENT IS MOVING TOWARDS A MORE AGILE AND MORE FLEXIBLE APPROACH. IT TURNS OUT THAT THE TRADITIONAL "WATERFALL" MODEL IS NOT SUPPORTIVE IN AN ENVIRONMENT WHERE TECHNICAL, FINANCIAL AND STRATEGIC CONSTRAINTS ARE CHANGING ALMOST EVERY DAY. BUT WHAT IS AGILITY? WHAT ARE TODAY'S MAJOR

APPROACHES? AND ESPECIALLY: WHAT IS THE IMPACT OF AGILE DEVELOPMENT PRINCIPLES ON THE DEVELOPMENT TEAMS, ON PROJECT MANAGEMENT AND ON SOFTWARE ARCHITECTS? HOW CAN LARGE ENTERPRISES BECOME MORE AGILE AND IMPROVE THEIR BUSINESS PROCESSES, WHICH HAVE BEEN EXISTING SINCE MANY, MANY YEARS? WHAT ARE THE LIMITATIONS OF AGILITY? AND WHAT IS THE RIGHT BALANCE BETWEEN RELIABLE STRUCTURES AND FLEXIBILITY? THIS BOOK WILL GIVE ANSWERS TO THESE QUESTIONS. A STRONG EMPHASIS WILL BE ON REAL LIFE PROJECT EXAMPLES, WHICH DESCRIBE HOW DEVELOPMENT TEAMS HAVE MOVED FROM A WATERFALL MODEL TOWARDS AN AGILE SOFTWARE DEVELOPMENT APPROACH.

AGILE PROCESSES IN SOFTWARE ENGINEERING AND EXTREME

PROGRAMMING - JUAN GARBAJOSA
2018-05-16

THIS OPEN ACCESS BOOK CONSTITUTES THE PROCEEDINGS OF THE 19TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2018, HELD IN PORTO, PORTUGAL, IN MAY 2018. XP IS THE PREMIER AGILE SOFTWARE DEVELOPMENT CONFERENCE COMBINING RESEARCH AND PRACTICE, AND XP 2018 PROVIDED A PLAYFUL AND INFORMAL ENVIRONMENT TO LEARN AND TRIGGER DISCUSSIONS AROUND ITS MAIN THEME - MAKE, INSPECT, ADAPT. THE 21 PAPERS PRESENTED IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED FROM 62 SUBMISSIONS. THEY WERE ORGANIZED IN TOPICAL

SECTIONS NAMED: AGILE REQUIREMENTS; AGILE TESTING; AGILE TRANSFORMATION; SCALING AGILE; HUMAN-CENTRIC AGILE; AND CONTINUOUS EXPERIMENTATION.

SCALING SOFTWARE AGILITY - DEAN LEFFINGWELL 2007-02-26

“COMPANIES HAVE BEEN IMPLEMENTING LARGE AGILE PROJECTS FOR A NUMBER OF YEARS, BUT THE ‘STIGMA’ OF ‘AGILE ONLY WORKS FOR SMALL PROJECTS’ CONTINUES TO BE A FREQUENT BARRIER FOR NEWCOMERS AND A RALLYING CRY FOR AGILE CRITICS. WHAT HAS BEEN MISSING FROM THE AGILE LITERATURE IS A SOLID, PRACTICAL BOOK ON THE SPECIFICS OF DEVELOPING LARGE PROJECTS IN AN AGILE WAY. DEAN LEFFINGWELL’S BOOK *SCALING SOFTWARE AGILITY* FILLS THIS GAP ADMIRABLY. IT OFFERS A PRACTICAL GUIDE TO LARGE PROJECT ISSUES SUCH AS ARCHITECTURE, REQUIREMENTS DEVELOPMENT, MULTI-LEVEL RELEASE PLANNING, AND TEAM ORGANIZATION. LEFFINGWELL’S BOOK IS A NECESSARY GUIDE FOR LARGE PROJECTS AND LARGE ORGANIZATIONS MAKING THE TRANSITION TO AGILE DEVELOPMENT.”

—JIM HIGHSMITH, DIRECTOR, AGILE PRACTICE, CUTTER CONSORTIUM, AUTHOR OF *AGILE PROJECT MANAGEMENT* “THERE’S TENSION BETWEEN BUILDING SOFTWARE FAST AND DELIVERING SOFTWARE THAT LASTS, BETWEEN BEING ULTRA-RESPONSIVE TO CHANGES IN THE MARKET AND MAINTAINING A DEGREE OF STABILITY. IN HIS LATEST WORK, *SCALING SOFTWARE AGILITY*, DEAN

LEFFINGWELL SHOWS HOW TO ACHIEVE A PRAGMATIC BALANCE AMONG THESE FORCES. LEFFINGWELL'S OBSERVATIONS OF THE PROBLEM, HIS ADVICE ON THE SOLUTION, AND HIS DESCRIPTION OF THE RESULTING BEST PRACTICES COME FROM EXPERIENCE: HE'S BEEN THERE, DONE THAT, AND HAS SEEN WHAT'S WORKED." —GRADY BOOCH, IBM FELLOW AGILE DEVELOPMENT PRACTICES, WHILE STILL CONTROVERSIAL IN SOME CIRCLES, OFFER UNDENIABLE BENEFITS: FASTER TIME TO MARKET, BETTER RESPONSIVENESS TO CHANGING CUSTOMER REQUIREMENTS, AND HIGHER QUALITY. HOWEVER, AGILE PRACTICES HAVE BEEN DEFINED AND RECOMMENDED PRIMARILY TO SMALL TEAMS. IN SCALING SOFTWARE AGILITY, DEAN LEFFINGWELL DESCRIBES HOW AGILE METHODS CAN BE APPLIED TO ENTERPRISE-CLASS DEVELOPMENT. PART I PROVIDES AN OVERVIEW OF THE MOST COMMON AND EFFECTIVE AGILE METHODS. PART II DESCRIBES SEVEN BEST PRACTICES OF AGILITY THAT NATIVELY SCALE TO THE ENTERPRISE LEVEL. PART III DESCRIBES AN ADDITIONAL SET OF SEVEN ORGANIZATIONAL CAPABILITIES THAT COMPANIES CAN MASTER TO ACHIEVE THE FULL BENEFITS OF SOFTWARE AGILITY ON AN ENTERPRISE SCALE. THIS BOOK IS INVALUABLE TO SOFTWARE DEVELOPERS, TESTERS AND QA PERSONNEL, MANAGERS AND TEAM LEADS, AS WELL AS TO EXECUTIVES OF SOFTWARE ORGANIZATIONS WHOSE OBJECTIVE IS TO INCREASE THE

QUALITY AND PRODUCTIVITY OF THE SOFTWARE DEVELOPMENT PROCESS BUT WHO ARE FACED WITH ALL THE CHALLENGES OF DEVELOPING SOFTWARE ON AN ENTERPRISE SCALE.

ENTERPRISE ARCHITECTURE FOR GLOBAL COMPANIES IN A DIGITAL IT ERA - YOSHIMASA MASUDA
2019-01-24

THIS BOOK INVESTIGATES SOLUTIONS INCORPORATED BY ARCHITECTURE BOARDS IN GLOBAL ENTERPRISES TO RESOLVE ISSUES AND MITIGATE RELATED ARCHITECTURE RISKS, WHILE ALSO PROPOSING AND IMPLEMENTING AN ADAPTIVE INTEGRATED DIGITAL ARCHITECTURE FRAMEWORK (AIDAF) AND RELATED MODELS AND APPROACHES/PLATFORMS, WHICH CAN BE APPLIED IN COMPANIES TO PROMOTE IT STRATEGIES USING CLOUD/MOBILE IT/DIGITAL IT. THE BOOK IS DIVIDED INTO THREE MAIN PARTS, THE FIRST OF WHICH (CHAPTERS 1-2) ADDRESSES THE BACKGROUND AND MOTIVATION FOR AIDAF ALIGNED WITH DIGITAL IT STRATEGIES. THE SECOND PART (CHAPTER 3) PROVIDES AN OVERVIEW OF STRATEGIC ENTERPRISE ARCHITECTURE (EA) FRAMEWORKS FOR DIGITAL IT, ELABORATES ON THE ESSENTIAL ELEMENTS OF EA FRAMEWORKS IN THE DIGITAL IT ERA, AND ADVOCATES USING AIDAF, MODELS FOR ARCHITECTURE ASSESSMENT/RISK MANAGEMENT, KNOWLEDGE MANAGEMENT ON DIGITAL PLATFORMS. IN TURN, THE THIRD PART (CHAPTERS 4-7) DEMONSTRATES THE APPLICATION AND BENEFITS OF AIDAF

AND RELATED MODELS, AS SHOWN IN THREE CASE STUDIES. “I FOUND THIS BOOK TO BE A VERY NICE CONTRIBUTION TO THE EA COMMUNITY OF PRACTICE. I CAN RECOMMEND THIS BOOK AS A TEXTBOOK FOR DIGITAL IT STRATEGISTS/PRACTITIONERS, EA PRACTITIONERS, STUDENTS IN UNIVERSITIES AND GRADUATE SCHOOLS.” (FROM THE FOREWORD BY SCOTT A. BERNARD) “IN THIS NEW AGE OF THE DIGITAL INFORMATION SOCIETY, IT IS NECESSARY TO ADVOCATE A NEW EA FRAMEWORK. THIS BOOK PROVIDES STATE-OF-THE ART KNOWLEDGE AND PRACTICES ABOUT EA FRAMEWORKS BENEFICIAL FOR IT PRACTITIONERS, IT STRATEGISTS, CIO, IT ARCHITECTS, AND EVEN STUDENTS. IT SERVES AS AN INTRODUCTORY TEXTBOOK FOR ALL WHO DRIVE THE INFORMATION SOCIETY IN THIS ERA.” (FROM THE FOREWORD BY JUN MURAI)

LEAN ARCHITECTURE - JAMES O. COPLIEN 2011-01-06

MORE AND MORE AGILE PROJECTS ARE SEEKING ARCHITECTURAL ROOTS AS THEY STRUGGLE WITH COMPLEXITY AND SCALE - AND THEY'RE SEEKING LIGHTWEIGHT WAYS TO DO IT STILL SEEKING? IN THIS BOOK THE AUTHORS HELP YOU TO FIND YOUR OWN PATH TAKING CUES FROM LEAN DEVELOPMENT, THEY CAN HELP STEER YOUR PROJECT TOWARD PRACTICES WITH LONGSTANDING TRACK RECORDS UP-FRONT ARCHITECTURE? SURE. YOU CAN DELIVER AN ARCHITECTURE AS CODE THAT COMPILES AND THAT CONCRETELY GUIDES DEVELOPMENT WITHOUT

BOGGING IT DOWN IN A MASS OF DOCUMENTS AND GUESSES ABOUT THE IMPLEMENTATION DOCUMENTATION? EVEN A WHITEBOARD DIAGRAM, OR A CRC CARD, IS DOCUMENTATION: THE GOAL ISN'T TO AVOID DOCUMENTATION, BUT TO DOCUMENT JUST THE RIGHT THINGS IN JUST THE RIGHT AMOUNT PROCESS? THIS ALL WORKS WITHIN THE FRAMEWORKS OF SCRUM, XP, AND OTHER AGILE APPROACHES

SAFE 4.5 REFERENCE GUIDE - DEAN LEFFINGWELL 2018-05-04

THE MUST-HAVE REFERENCE GUIDE FOR SAFE® PROFESSIONALS “THERE ARE A LOT OF METHODS OF SCALE OUT THERE, BUT THE SCALED AGILE FRAMEWORK IS THE ONE LIGHTING UP THE WORLD.”

-STEVE ELLIOT, FOUNDER/CEO AGILECRAFT “SINCE BEGINNING OUR LEAN-AGILE JOURNEY WITH SAFE, VANTIV HAS FOCUSED ITS STRATEGIC EFFORTS AND ITS EXECUTION. WE HAVE IMPROVED THE PREDICTABILITY OF PRODUCT DELIVERY WHILE MAINTAINING HIGH QUALITY, AND HAVE BECOME EVEN MORE RESPONSIVE TO CUSTOMERS-RESULTING IN HIGHER CUSTOMER SATISFACTION. AND JUST AS IMPORTANT, EMPLOYEE ENGAGEMENT WENT UP OVER THE PAST YEAR.”

-DAVE KENT, ENTERPRISE AGILE COACH, VANTIV FULLY UPDATED TO INCLUDE THE NEW INNOVATIONS IN SAFE 4.5, THE SAFE® 4.5 REFERENCE GUIDE IS IDEAL FOR ANYONE SERIOUS ABOUT LEARNING AND IMPLEMENTING THE WORLD'S LEADING FRAMEWORK FOR ENTERPRISE AGILITY. INSIDE, YOU'LL FIND

COMPLETE COVERAGE OF THE
SCALEDAGILEFRAMEWORK.COM
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GLOBAL 2000. CASE STUDY
RESULTS-VISIT
SCALEDAGILEFRAMEWORK.COM/CASE-
STUDIES-TYPICALLY INCLUDE: 30 —
75% FASTER TIME-TO-MARKET 25 —
75% INCREASE IN PRODUCTIVITY 20
— 50% IMPROVEMENTS IN QUALITY
10 — 50% INCREASED EMPLOYEE
ENGAGEMENT SUCCESSFUL
IMPLEMENTATIONS MAY VARY IN
CONTEXT BUT SHARE A COMMON
ATTRIBUTE: A WORKFORCE WELL
TRAINED AND EDUCATED IN SAFE
PRACTICES. THIS BOOK-ALONG WITH
AUTHORIZED TRAINING AND

CERTIFICATION-WILL HELP YOU
UNDERSTAND HOW TO MAXIMIZE THE
VALUE OF YOUR ROLE WITHIN A SAFE
ORGANIZATION. THE RESULT IS GREATER
ALIGNMENT AND VISIBILITY, IMPROVED
PERFORMANCE THROUGHOUT THE
ENTERPRISE, AND ULTIMATELY BETTER
OUTCOMES FOR THE BUSINESS.

THE AGILE IMPERATIVE - SABINE
PFEIFFER 2021-07-30

IN AN EVER-CHANGING WORKING
ENVIRONMENT, CUSTOMER AND
WORKPLACE DEMANDS HAVE BROUGHT
NEW CHALLENGES TO HOW WE
ORGANIZE AND MANAGE WORK.
INCREASINGLY, THIS IS ADDRESSED BY
THE IDEA OF 'AGILITY.' FROM ITS
BEGINNING, AGILE WORK HAS CLAIMED
TO BE A RADICALLY DIFFERENT
APPROACH WHICH ALLOWS
ORGANISATIONS TO REACT FLEXIBLY
TO CHANGING ENVIRONMENTAL DEMANDS
WHILST ALSO OFFERING A 'PEOPLE'
CENTERED APPROACH TO MANAGEMENT.
WHILE THE LITERATURE OFTEN
EXAMINES AGILE INSTRUMENTS FROM A
BUSINESS PERSPECTIVE, THIS EDITED
COLLECTION ADVANCES THE
DISCUSSION OF THE EFFICACY OF AGILE
WORKING, BY APPLYING A MORE
CRITICAL SOCIAL SCIENCE
PERSPECTIVE. THE CHAPTERS SCRUTINIZE
WHETHER AGILITY IS JUST A DISCURSIVE
IMPERATIVE, OR WHETHER IT IS IN FACT
A GENUINE ORGANIZATIONAL AND
INSTITUTIONAL STRATEGY THAT IS
MEANT TO BETTER DEAL WITH
COMPLEXITY AND VOLATILITY. THE
ANSWERS TO THESE QUESTIONS CAN
VARY AT DIFFERENT LEVELS, AND THE

EDITORS THEREFORE EXAMINE AGILITY AT THE LEVEL OF TEAMS, ORGANIZATIONS AND SOCIETIES. BY ASSEMBLING DIFFERENT PERSPECTIVES ON THE SUSTAINABILITY AND VIRTUE OF AGILE INSTRUMENTS, AND BY BRINGING TOGETHER INTERNATIONAL SCHOLARS FROM A VARIETY OF DISCIPLINES, THE PROJECT STIMULATES A COMPARATIVE DISCUSSION.

THE ADVENTUROUS AND PRACTICAL JOURNEY TO A LARGE-SCALE ENTERPRISE SOLUTION - FANAP STUDIES & RESEARCH CENTER 2023-03-16

THE HIGH FAILURE RATE OF ENTERPRISE RESOURCE PLANNING (ERP) PROJECTS IS A PRESSING CONCERN FOR BOTH ACADEMIC RESEARCHERS AND INDUSTRIAL PRACTITIONERS. THE CHALLENGES OF AN ERP IMPLEMENTATION ARE PARTICULARLY HIGH WHEN THE PROJECT INVOLVES DESIGNING AND DEVELOPING A SYSTEM FROM SCRATCH. ORGANIZATIONS OFTEN TURN TO VENDORS AND CONSULTANTS FOR HANDLING SUCH PROJECTS BUT, EVERY ASPECT OF AN ERP PROJECT IS OPAQUE FOR BOTH CUSTOMERS AND VENDORS. UNLOCKING THE MYSTERIES OF BUILDING A LARGE-SCALE ERP SYSTEM, *THE ADVENTUROUS AND PRACTICAL JOURNEY TO A LARGE-SCALE ENTERPRISE SOLUTION* TELLS THE STORY OF IMPLEMENTING AN APPLIED ENTERPRISE SOLUTION. THE BOOK COVERS THE FIELD OF ENTERPRISE RESOURCE PLANNING BY EXAMINING STATE-OF-THE-ART CONCEPTS IN SOFTWARE PROJECT MANAGEMENT

METHODOLOGY, DESIGN AND DEVELOPMENT INTEGRATION POLICY, AND DEPLOYMENT FRAMEWORK, INCLUDING: A HYBRID PROJECT MANAGEMENT METHODOLOGY USING WATERFALL AS WELL AS A CUSTOMIZED SCRUM-BASED APPROACH A NOVEL MULTI-TIERED SOFTWARE ARCHITECTURE FEATURING AN ENHANCED FLOWABLE PROCESS ENGINE A UNIQUE PLATFORM FOR CODING BUSINESS PROCESSES EFFICIENTLY INTEGRATION TO EMBED ERP MODULES IN PHYSICAL DEVICES A HEURISTIC-BASED FRAMEWORK TO SUCCESSFULLY STEP INTO THE GO-LIVE PERIOD WRITTEN TO HELP ERP PROJECT PROFESSIONALS, THE BOOK CHARTS THE PATH THAT THEY SHOULD TRAVEL FROM PROJECT IDEATION TO SYSTEMS IMPLEMENTATION. IT PRESENTS A DETAILED, REAL-LIFE CASE STUDY OF IMPLEMENTING A LARGE-SCALE ERP AND USES STORYTELLING TO DEMONSTRATE INCORRECT AND CORRECT DECISIONS FREQUENTLY MADE BY VENDORS AND CUSTOMERS. FILLED WITH PRACTICAL LESSONS LEARNED, THE BOOK EXPLAINS THE INS AND OUTS OF ADOPTING PROJECT METHODOLOGIES. IT WEAVES A TALE THAT FEATURES BOTH REAL-WORLD AND SCHOLARLY ASPECTS OF AN ERP IMPLEMENTATION.

A PRACTICAL APPROACH TO LARGE-SCALE AGILE DEVELOPMENT - GARY GRUVER 2012-11-15

TODAY, EVEN THE LARGEST DEVELOPMENT ORGANIZATIONS ARE TURNING TO AGILE METHODOLOGIES, SEEKING MAJOR PRODUCTIVITY AND

QUALITY IMPROVEMENTS. HOWEVER, LARGE-SCALE AGILE DEVELOPMENT IS DIFFICULT, AND PUBLICLY AVAILABLE CASE STUDIES HAVE BEEN SCARCE. NOW, THREE AGILE PIONEERS AT HEWLETT-PACKARD PRESENT A CANDID, START-TO-FINISH INSIDER'S LOOK AT HOW THEY'VE SUCCEEDED WITH AGILE IN ONE OF THE COMPANY'S MOST MISSION-CRITICAL SOFTWARE ENVIRONMENTS: FIRMWARE FOR HP LASERJET PRINTERS. THIS BOOK TELLS THE STORY OF AN EXTRAORDINARY EXPERIMENT AND JOURNEY. COULD AGILE PRINCIPLES BE APPLIED TO RE-ARCHITECT AN ENORMOUS LEGACY CODE BASE? COULD AGILE ENABLE BOTH TIMELY DELIVERY AND ONGOING INNOVATION? COULD IT REALLY BE APPLIED TO 400+ DEVELOPERS DISTRIBUTED ACROSS FOUR STATES, THREE CONTINENTS, AND FOUR BUSINESS UNITS? COULD IT GO BEYOND DELIVERING INCREMENTAL GAINS, TO MEET THE STRETCH GOAL OF 10X DEVELOPER PRODUCTIVITY IMPROVEMENTS? IT COULD, AND IT DID—BUT GETTING THERE WAS NOT EASY. WRITING FOR BOTH MANAGERS AND TECHNOLOGISTS, THE AUTHORS CANDIDLY DISCUSS BOTH THEIR SUCCESSES AND FAILURES, PRESENTING ACTIONABLE LESSONS FOR OTHER DEVELOPMENT ORGANIZATIONS, AS WELL AS APPROACHES THAT HAVE PROVEN THEMSELVES REPEATEDLY IN HP'S CHALLENGING ENVIRONMENT. THEY NOT ONLY ILLUMINATE THE POTENTIAL BENEFITS OF AGILE IN LARGE-SCALE DEVELOPMENT, THEY ALSO SYSTEMATICALLY SHOW HOW THESE

BENEFITS CAN ACTUALLY BE ACHIEVED. COVERAGE INCLUDES: • TIGHTLY LINKING AGILE METHODS AND ENTERPRISE ARCHITECTURE WITH BUSINESS OBJECTIVES • FOCUSING AGILE PRACTICES ON YOUR WORST DEVELOPMENT PAIN POINTS TO GET THE MOST BANG FOR YOUR BUCK • ABANDONING CLASSIC AGILE METHODS THAT DON'T WORK AT THE LARGEST SCALE • EMPLOYING AGILE METHODS TO ESTABLISH A NEW ARCHITECTURE • USING METRICS AS A "CONVERSATION STARTER" AROUND AGILE PROCESS IMPROVEMENTS • LEVERAGING CONTINUOUS INTEGRATION AND QUALITY SYSTEMS TO REDUCE COSTS, ACCELERATE SCHEDULES, AND AUTOMATE THE DELIVERY PIPELINE • TAMING THE PLANNING BEAST WITH "LIGHT-TOUCH" AGILE PLANNING AND LIGHTWEIGHT LONG-RANGE FORECASTING • IMPLEMENTING EFFECTIVE PROJECT MANAGEMENT AND ENSURING ACCOUNTABILITY IN LARGE AGILE PROJECTS • MANAGING TRADEOFFS ASSOCIATED WITH KEY DECISIONS ABOUT ORGANIZATIONAL STRUCTURE • OVERCOMING U.S./INDIA CULTURAL DIFFERENCES THAT CAN COMPLICATE OFFSHORE DEVELOPMENT • SELECTING TOOLS TO SUPPORT QUANTUM LEAPS IN PRODUCTIVITY IN YOUR ORGANIZATION • USING CHANGE MANAGEMENT DISCIPLINES TO SUPPORT GREATER ENTERPRISE AGILITY

AGILE PROCESSES IN SOFTWARE ENGINEERING AND EXTREME PROGRAMMING - HUBERT BAUMEISTER
2013-06-04

THIS BOOK CONTAINS THE REFEREED PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE ON AGILE SOFTWARE DEVELOPMENT, XP 2013, HELD IN VIENNA, AUSTRIA, IN JUNE 2013. IN THE LAST DECADE, THE INTEREST IN AGILE AND LEAN SOFTWARE DEVELOPMENT HAS BEEN CONTINUOUSLY GROWING. AGILE AND LEAN HAVE EVOLVED FROM A WAY OF WORKING -- RESTRICTED IN THE BEGINNING TO A FEW EARLY ADOPTERS -- TO THE MAINSTREAM WAY OF DEVELOPING SOFTWARE. ALL THIS TIME, THE XP CONFERENCE SERIES HAS ACTIVELY PROMOTED AGILITY AND WIDELY DISSEMINATED RESEARCH RESULTS IN THIS AREA. XP 2013 SUCCESSFULLY CONTINUED THIS TRADITION. THE 17 FULL PAPERS ACCEPTED FOR XP 2013 WERE SELECTED FROM 52 SUBMISSIONS AND ARE ORGANIZED IN SECTIONS ON: TEACHING AND LEARNING; DEVELOPMENT TEAMS; AGILE PRACTICES; EXPERIENCES AND LESSONS LEARNED; LARGE-SCALE PROJECTS; AND ARCHITECTURE AND DESIGN.

SCALING SCRUM ACROSS MODERN ENTERPRISES - CECIL RUPP

2020-08-31

ESTABLISH BUSINESS AGILITY IN YOUR ORGANIZATION BY APPLYING INDUSTRY-PROVEN SCALING STRATEGIES FROM POPULAR SCRUM FRAMEWORKS SUCH AS SCRUM OF SCRUMS (SoS), SCRUM AT SCALE, NEXUS, LARGE-SCALE SCRUM (LESS), DISCIPLINED AGILE, AND SAFE KEY FEATURES. LEARN HOW TO BE AGILE AT SCALE BY IMPLEMENTING BEST

PRACTICES. UNDERSTAND HOW LEAN-AGILE PRACTICES ARE INCORPORATED IN DISCIPLINED AGILE AND THE SCALED AGILE FRAMEWORK (SAFe). CUSTOMIZE SCRUM AND LEAN-AGILE PRACTICES TO SUPPORT PORTFOLIO AND LARGE PRODUCT DEVELOPMENT NEEDS. BOOK DESCRIPTION: SCALED SCRUM AND LEAN-AGILE PRACTICES PROVIDE ESSENTIAL STRATEGIES TO ADDRESS LARGE AND COMPLEX PRODUCT DEVELOPMENT CHALLENGES NOT ADDRESSED IN TRADITIONAL SCRUM. THIS SCRUM/ LEAN-AGILE HANDBOOK PROVIDES A COMPREHENSIVE REVIEW AND ANALYSIS OF INDUSTRY-PROVEN SCALING STRATEGIES THAT ENABLE BUSINESS AGILITY ON AN ENTERPRISE SCALE. FREE OF MARKETING HYPE OR VENDOR BIAS, THIS BOOK HELPS YOU DECIDE WHICH PRACTICES BEST FIT YOUR SITUATION. YOU'LL START WITH AN INTRODUCTION TO SCRUM AS A LIGHTWEIGHT SOFTWARE DEVELOPMENT FRAMEWORK AND THEN EXPLORE COMMON APPROACHES TO SCALING IT FOR MORE COMPLEX DEVELOPMENT SCENARIOS. THE BOOK WILL THEN GUIDE YOU THROUGH SYSTEMS THEORY, LEAN DEVELOPMENT, AND THE APPLICATION OF HOLISTIC THINKING TO MORE COMPLEX SOFTWARE AND SYSTEM DEVELOPMENT ACTIVITIES. THROUGHOUT, YOU'LL LEARN HOW TO SUPPORT MULTIPLE TEAMS WORKING IN COLLABORATION TO DEVELOP LARGE AND COMPLEX PRODUCTS AND EXPLORE HOW TO MANAGE CROSS-TEAM INTEGRATION, DEPENDENCY, AND SYNCHRONIZATION ISSUES. LATER,

YOU'LL LEARN HOW TO IMPROVE ENTERPRISE OPERATIONAL EFFICIENCY ACROSS VALUE CREATION AND VALUE DELIVERY ACTIVITIES, BEFORE DISCOVERING HOW TO ALIGN PRODUCT PORTFOLIO INVESTMENTS WITH CORPORATE STRATEGIES. BY THE END OF THIS SCRUM BOOK, YOU AND YOUR PRODUCT TEAMS WILL BE ABLE TO GET THE MOST VALUE OUT OF AGILE AT SCALE, EVEN IN COMPLEX CYBER-PHYSICAL SYSTEM DEVELOPMENT ENVIRONMENTS. WHAT YOU WILL LEARN UNDERSTAND THE LIMITATIONS OF TRADITIONAL SCRUM PRACTICES EXPLORE THE ROLES AND RESPONSIBILITIES IN A SCALED SCRUM AND LEAN-AGILE DEVELOPMENT ENVIRONMENT TAILOR YOUR SCRUM APPROACH TO SUPPORT PORTFOLIO AND LARGE PRODUCT DEVELOPMENT NEEDS APPLY SYSTEMS THINKING TO EVALUATE THE IMPACTS OF CHANGES IN THE INTERDEPENDENT PARTS OF A LARGER DEVELOPMENT AND DELIVERY SYSTEM SCALE SCRUM PRACTICES AT BOTH THE PROGRAM AND PORTFOLIO LEVELS OF MANAGEMENT UNDERSTAND HOW DEVOPS, TEST AUTOMATION, AND CI/CD CAPABILITIES HELP IN SCALING SCRUM PRACTICES WHO THIS BOOK IS FOR EXECUTIVES, PRODUCT OWNERS, SCRUM MASTERS, DEVELOPMENT TEAM MEMBERS, AND OTHER STAKEHOLDERS WHO NEED TO LEARN HOW TO SCALE AGILE TO SUPPORT LARGE, COMPLEX PROJECTS AND LARGE ENTERPRISE PORTFOLIOS AND PROGRAMS WILL FIND THIS BOOK USEFUL. A BASIC UNDERSTANDING OF

THE VALUES AND PRINCIPLES OF AGILE AND THE SCRUM-BASED FRAMEWORK FOR AGILE DEVELOPMENT PRACTICES IS REQUIRED BEFORE YOU GET STARTED WITH THIS AGILE SCRUM BOOK.

AGILE DEVELOPMENT IN THE REAL WORLD - ALAN CLINE 2015-12-28

THIS BOOK IS A PRACTICAL GUIDE FOR NEW AGILE PRACTITIONERS AND CONTAINS EVERYTHING A NEW PROJECT MANAGER NEEDS TO KNOW TO GET UP TO SPEED WITH AGILE PRACTICES QUICKLY AND SORT OUT THE HYPE AND DOGMA OF PSEUDO-AGILE PRACTICES. THE AUTHOR LAYS OUT THE GENERAL GUIDELINES FOR RUNNING AN AGILE PROJECT WITH THE ASSUMPTION THAT THE PROJECT TEAM MAY BE WORKING IN A TRADITIONAL ENVIRONMENT (USING THE WATERFALL MODEL, OR SOMETHING SIMILAR). AGILE DEVELOPMENT IN THE REAL WORLD CONVEYS VALUABLE INSIGHTS TO MULTIPLE AUDIENCES: FOR NEW-TO-AGILE PROJECT MANAGERS, THIS BOOK PROVIDES A DISTINCTIVE APPROACH THAT ALAN CLINE HAS USED WITH GREAT SUCCESS, WHILE SHOWING THE DECISION POINTS AND PERSPECTIVES AS THE AGILE PROJECT MOVES FORWARD FROM ONE STEP TO THE NEXT. THIS ALLOWS NEW AGILE PROJECT MANAGERS OR AGILE COACHES TO CHOOSE BETWEEN THE BENEFITS OF AGILE AND THE BENEFITS OF OTHER METHODS. FOR THE AGILE TECHNICAL TEAM MEMBER, THIS BOOK CONTAINS TEMPLATES AND SAMPLE PROJECT ARTIFACTS TO ASSIST IN LEARNING AGILE TECHNIQUES AND TO BE USED AS EXEMPLARS FOR THE NEW

PRACTITIONER'S OWN PROJECT. FOR THE PROJECT MANAGEMENT OFFICE (PMO), THE FIRST THREE CHAPTERS FOCUS ON PORTFOLIO MANAGEMENT. THEY EXPLAIN, FOR THE AGILISTS' BENEFIT, HOW PROJECTS ARE SELECTED AND APPROVED, AND WHY PROJECTS HAVE AN INHERENT "SHELF-LIFE" THAT RESULTS IN HARD DEADLINES THAT MAY SEEM ARBITRARY TO TRADITIONAL TECHNICAL TEAMS. WHAT YOU WILL LEARN: HOW AND WHY THE EVOLUTION OF PROJECT MANAGEMENT, FROM PM-1 (PRESCRIPTIVE) TO PM-2 (ADAPTIVE) AFFECTS MODERN 21ST CENTURY PROJECT MANAGEMENT. HOW SOCIOLOGY (STAKEHOLDER MANAGEMENT), PSYCHOLOGY (TEAM DYNAMICS), AND ANTHROPOLOGY (ORGANIZATIONAL CULTURE) AFFECT THE WAY SOFTWARE IS DEVELOPED TODAY, AND WHY IT IS FAR MORE EFFECTIVE A CLEAR DELINEATION OF WHAT MUST TO BE ACCOMPLISHED BY ALL THE ROLES (PM, BA, APM, DEVELOPER, AND TESTER), WHY THOSE ROLES ARE NEEDED, AND WHAT THEY MUST DO STEP-BY-STEP GUIDE FOR A SUCCESSFUL PROJECT BASED ON STUDIES AND THE AUTHOR'S OWN EXPERIENCES. SPECIFIC TECHNIQUES FOR EACH ROLE ON THE DEVELOPMENT TEAM, BOTH IN THE PRE-ITERATION AND ITERATION CYCLES, OF PRODUCT DEVELOPMENT. THE APPENDICES CONTAIN TEMPLATES THAT THE TEAM COULD USE OR MODIFY TO TAILOR THEIR OWN AGILE PROCESSES SPECIFIC TO THE TEAM, PROJECT, AND ORGANIZATION.

THE AGILE CONSULTANT - RICK FREEDMAN 2016-08-29
LEARN THE AGILE PHILOSOPHY OF LEAN PROCESSES, INCREMENTAL DELIVERY, DEEP CLIENT PARTICIPATION, DECENTRALIZED AUTHORITY, AND JUST-IN-TIME PLANNING TO BRING SPEED, CREATIVITY, EMPOWERMENT AND INCREASED PRODUCTIVITY TO PRODUCT DEVELOPMENT. THIS BOOK IS YOUR GUIDE TO BECOMING THE GO-TO ADVISOR FOR THE ENTERPRISE AGILE TRANSITION. MANY ORGANIZATIONS HAVE BROUGHT IN AGILE COACHES AND ACHIEVED GREAT PROGRESS IN SOFTWARE DEVELOPMENT PRODUCTIVITY, ONLY TO FIND TEAMS SLIPPING BACK INTO OLD METHODS AS THEY ENCOUNTER ENTERPRISE RESISTANCE AND DYSFUNCTION. THE CONSULTATIVE SKILLS REQUIRED TO ENGAGE AT THE ENTERPRISE LEVEL DIFFER GREATLY FROM THOSE NEEDED TO COACH TEAMS IN AGILE PRACTICES. AGILE COACHES AND CONSULTANTS NEED TO UP THEIR GAME TO SUCCESSFULLY PARTNER WITH EXECUTIVES, MANAGERS, AND PMOs TO EVOLVE FROM TRADITIONAL METHODS TO A LEAN, AGILE MINDSET. *THE AGILE CONSULTANT*, BY FORMER INTEL WORLDWIDE PROJECT MANAGEMENT DIRECTOR AND AGILE EXPERT RICK FREEDMAN, AUTHOR OF AMAZON BEST-SELLER *THE IT CONSULTANT*, SHOWS HOW TO OVERCOME TRANSITION CHALLENGES AND MOVE BEYOND TEAM-LEVEL PRACTICE COACHING TO GUIDE THE ENTIRE ORGANIZATION TO ENTERPRISE

AGILITY. AGILE METHODS ARE DISPLACING TRADITIONAL, PROCESS-HEAVY PROJECT MANAGEMENT TECHNIQUES, AND ARE POISED TO MIGRATE FROM SOFTWARE DEVELOPMENT TO THE REST OF IT, AND TO THE ENTIRE ENTERPRISE. AGILE'S RAPID ADOPTION PROVES A SIMPLE TRUTH: AGILITY WORKS! AGILE METHODS ARE HERE TO STAY, AND WILL CONTINUE TO EXPAND WITHIN THE ORGANIZATION. ENTERPRISES ARE RAPIDLY MOVING BEYOND AGILE DEVELOPMENT TO AGILE IT, AGILE MARKETING, AND AGILE STRATEGIC PLANNING. ENTERPRISES NEED AGILE COACHES AND CONSULTANTS TO GUIDE THEM TOWARDS ACHIEVING THE BENEFITS OF AGILITY. WHAT YOU'LL LEARN INSTILL EFFECTIVE AGILE PRACTICES ACROSS THE ENTERPRISE COACH TEAMS, MANAGERS, AND EXECUTIVES IN LEARNING, ADOPTING, AND PRACTICING LEAN AND AGILE STRATEGIES DIAGNOSE THE ROADBLOCKS AND OBSTACLES MOST ORGANIZATIONS ENCOUNTER DURING THE TRANSITION TO AGILE USE RECOGNIZED CHANGE-MANAGEMENT TECHNIQUES TO GUIDE THE ENTERPRISE TO AGILITY WHILE MINIMIZING DISRUPTION AND RESISTANCE NAVIGATE THE MANY CHALLENGES THAT CAN DERAIL THE TRANSITION TO AGILITY DEMONSTRATE THE CRITICAL MIX OF FACILITATION, INTERPERSONAL, AND RELATIONSHIP SKILLS TO HELP ORGANIZATIONS SUCCEED WITH AGILE GUIDE THE CORPORATE CULTURE TOWARD AGILITY FROM THE TOP DOWN AND THE BOTTOM

UP EVOLVE FROM OLD SCHOOL PROJECT MANAGEMENT THINKING TO A LEAN, AGILE MINDSET WHO THIS BOOK IS FOR BESIDES IT CONSULTANTS, THE AGILE CONSULTANT WILL ALSO APPEAL TO DEVELOPER TEAMS, INTERNAL IT STAFFERS AND THEIR MANAGERS, AND TO EXECUTIVES LEADING THE TRANSITION TO AGILE DEVELOPMENT. *LARGE-SCALE SCRUM* - CRAIG LARMAN 2016-09-23 IN *LARGE-SCALE SCRUM*, CRAIG LARMAN AND BAS VODDE OFFER THE MOST DIRECT, CONCISE, ACTIONABLE GUIDE TO REAPING THE FULL BENEFITS OF AGILE IN DISTRIBUTED, GLOBAL ENTERPRISES. LARMAN AND VODDE HAVE DISTILLED THEIR IMMENSE EXPERIENCE HELPING GEOGRAPHICALLY DISTRIBUTED DEVELOPMENT ORGANIZATIONS MOVE TO AGILE. GOING BEYOND THEIR PREVIOUS BOOKS, THEY OFFER TODAY'S FASTEST, MOST FOCUSED GUIDANCE: "BRASS TACKS" ADVICE AND FIELD-PROVEN BEST PRACTICES FOR ACHIEVING VALUE FAST, AND ACHIEVING EVEN MORE VALUE AS YOU MOVE FORWARD. TARGETED TO ENTERPRISE PROJECT PARTICIPANTS AND STAKEHOLDERS, *LARGE-SCALE SCRUM* OFFERS STRAIGHT-TO-THE-POINT INSIGHTS FOR SCALING SCRUM ACROSS THE ENTIRE PROJECT LIFECYCLE, FROM SPRINT PLANNING TO RETROSPECTIVE. LARMAN AND VODDE HELP YOU: IMPLEMENT PROVEN SCRUM FRAMEWORKS FOR LARGE-SCALE DEVELOPMENTS SCALE REQUIREMENTS, PLANNING, AND PRODUCT MANAGEMENT SCALE DESIGN AND ARCHITECTURE EFFECTIVELY

MANAGE DEFECTS AND INTERRUPTIONS
INTEGRATE SCRUM INTO MULTISITE AND
OFFSHORE PROJECTS CHOOSE THE RIGHT
ADOPTION STRATEGIES AND
ORGANIZATIONAL DESIGNS THIS WILL BE
THE GO-TO RESOURCE FOR ENTERPRISE
STAKEHOLDERS AT ALL LEVELS:
EVERYONE WHO WANTS TO MAXIMIZE
THE VALUE OF SCRUM IN LARGE,
COMPLEX PROJECTS.

LEAN-AGILE SOFTWARE DEVELOPMENT

- ALAN SHALLOWAY 2009-10-22
AGILE TECHNIQUES HAVE
DEMONSTRATED IMMENSE POTENTIAL FOR
DEVELOPING MORE EFFECTIVE, HIGHER-
QUALITY SOFTWARE.
HOWEVER, SCALING THESE TECHNIQUES
TO THE ENTERPRISE PRESENTS MANY
CHALLENGES. THE SOLUTION IS TO
INTEGRATE THE PRINCIPLES AND
PRACTICES OF LEAN SOFTWARE
DEVELOPMENT WITH AGILE'S IDEOLOGY
AND METHODS. BY DOING SO,
SOFTWARE ORGANIZATIONS LEVERAGE
LEAN'S POWERFUL CAPABILITIES FOR
"OPTIMIZING THE WHOLE" AND
MANAGING COMPLEX ENTERPRISE
PROJECTS. A COMBINED "LEAN-AGILE"
APPROACH CAN DRAMATICALLY
IMPROVE BOTH DEVELOPER
PRODUCTIVITY AND THE SOFTWARE'S
BUSINESS VALUE. IN THIS BOOK, THREE
EXPERT LEAN SOFTWARE
CONSULTANTS DRAW FROM THEIR
UNPARALLELED EXPERIENCE TO GATHER
ALL THE INSIGHTS, KNOWLEDGE, AND
NEW SKILLS YOU NEED TO SUCCEED
WITH LEAN-AGILE DEVELOPMENT. LEAN-
AGILE SOFTWARE DEVELOPMENT
SHOWS HOW TO EXTEND SCRUM

PROCESSES WITH AN ENTERPRISE VIEW
BASED ON LEAN PRINCIPLES. THE
AUTHORS PRESENT CRUCIAL TECHNICAL
INSIGHT INTO EMERGENT DESIGN, AND
DEMONSTRATE HOW TO APPLY IT TO
MAKE ITERATIVE DEVELOPMENT MORE
EFFECTIVE. THEY ALSO IDENTIFY
SEVERAL COMMON DEVELOPMENT "ANTI-
PATTERNS" THAT CAN WORK AGAINST
YOUR GOALS, AND THEY OFFER
ACTIONABLE, PROVEN ALTERNATIVES.
LEAN-AGILE SOFTWARE DEVELOPMENT
SHOWS HOW TO TRANSITION TO LEAN
SOFTWARE DEVELOPMENT QUICKLY
AND SUCCESSFULLY MANAGE THE
INITIATION OF PRODUCT ENHANCEMENTS
HELP PROJECT MANAGERS WORK
TOGETHER TO MANAGE PRODUCT
PORTFOLIOS MORE EFFECTIVELY
MANAGE DEPENDENCIES ACROSS THE
SOFTWARE DEVELOPMENT
ORGANIZATION AND WITH ITS PARTNERS
AND COLLEAGUES INTEGRATE
DEVELOPMENT AND QA ROLES TO
IMPROVE QUALITY AND ELIMINATE
WASTE DETERMINE BEST PRACTICES FOR
DIFFERENT SOFTWARE DEVELOPMENT
TEAMS THE BOOK'S COMPANION WEB
SITE, WWW.NETOBJECTIVES.COM/LASD,
PROVIDES UPDATES, LINKS TO RELATED
MATERIALS, AND SUPPORT FOR
DISCUSSIONS OF THE BOOK'S CONTENT.
**SOFTWARE BUSINESS. TOWARDS
CONTINUOUS VALUE DELIVERY** -
CASPER LASSENIUS 2014-06-17
THIS BOOK CONTAINS THE REFEREED
PROCEEDINGS OF THE 5TH
INTERNATIONAL CONFERENCE ON
SOFTWARE BUSINESS (ICSOB) HELD IN
PAPHOS, CYPRUS, IN JUNE 2014. THE

THEME OF THE EVENT WAS "SHORTENING THE TIME TO MARKET: FROM SHORT CYCLE TIMES TO CONTINUOUS VALUE DELIVERY." THE 18 FULL PAPERS, TWO SHORT PAPERS, TWO INDUSTRIAL PAPERS, AND TWO DOCTORAL CONSORTIUM ABSTRACTS ACCEPTED FOR ICSOB WERE SELECTED FROM 45 SUBMISSIONS AND ARE ORGANIZED IN SECTIONS ON: STRATEGIC ASPECTS, START-UPS AND SOFTWARE BUSINESS, PRODUCTS AND SERVICE BUSINESS, SOFTWARE DEVELOPMENT, ECOSYSTEMS, AND PLATFORMS AND ENTERPRISES.

EVALUATION OF NOVEL APPROACHES TO SOFTWARE ENGINEERING - LESZEK A.

MACIASZEK 2011-12-13

THIS BOOK CONTAINS A COLLECTION OF THOROUGHLY REFEREED PAPERS PRESENTED AT THE 5TH INTERNATIONAL CONFERENCE ON EVALUATION OF NOVEL APPROACHES TO SOFTWARE ENGINEERING, ENASE 2010, HELD IN ATHENS, GREECE, IN JULY 2010. THE 19 REVISED AND EXTENDED FULL PAPERS WERE CAREFULLY SELECTED FROM 70 SUBMISSIONS. THEY COVER A WIDE RANGE OF TOPICS, SUCH AS QUALITY AND METRICS; SERVICE AND WEB ENGINEERING; PROCESS ENGINEERING; PATTERNS, REUSE AND OPEN SOURCE; PROCESS IMPROVEMENT; ASPECT-ORIENTED ENGINEERING; AND REQUIREMENTS ENGINEERING.