

INTRODUCTION ERLANG PROGRAMMING FRANCESCO CESARINI [PDF]

ERLANG PROGRAMMING DESIGNING FOR SCALABILITY WITH ERLANG/OTP LEARN YOU SOME ERLANG FOR GREAT GOOD! ERLANG BY EXAMPLE WITH CESARINI AND THOMPSON BUILDING WEB APPLICATIONS WITH ERLANG DESIGNING FOR SCALABILITY WITH ERLANG/OTP THE ARCHITECTURE OF OPEN SOURCE APPLICATIONS CONCURRENT PROGRAMMING IN ERLANG BUILDING WEB APPLICATIONS WITH ERLANG MIRANDA ERLANG AND OTP IN ACTION YOUR CODE AS A CRIME SCENE SOFTWARE DESIGN X-RAYS HASKELL BUILDING WEB APPLICATIONS WITH ERLANG MONOLITH TO MICROSERVICES ELIXIR IN ACTION BUILDING WEB APPLICATIONS WITH ERLANG MODERNIZING ENTERPRISE JAVA BEGINNING C# OBJECT-ORIENTED PROGRAMMING BUILD IT WITH NITROGEN CONTINUOUS ARCHITECTURE WORKING EFFECTIVELY WITH LEGACY CODE INTRODUCING ERLANG RNA METABOLISM IN NEURODEGENERATIVE DISEASES ZONE TO WIN INTRODUCING ELIXIR PROGRAMMING ERLANG PROCEEDINGS OF THE 2009 VIDEO WORKSHOP ON COMMERCIAL USERS OF FUNCTIONAL PROGRAMMING CENTRAL EUROPEAN FUNCTIONAL PROGRAMMING SCHOOL EXERCISES IN PROGRAMMING STYLE ERLANG AND ELIXIR FOR IMPERATIVE PROGRAMMERS PROPERTY-BASED TESTING WITH PROPÉR, ERLANG, AND ELIXIR ELM IN ACTION DESIGNING FOR SCALABILITY WITH ERLANG/OTP DESIGNING GAMES DYNAMIC HTML THE PRAGMATIC PROGRAMMER STRATEGIC MONOLITHS AND MICROSERVICES TRENDS IN FUNCTIONAL PROGRAMMING

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ERLANG PROGRAMMING

2009-06-11

THIS BOOK IS AN IN DEPTH INTRODUCTION TO ERLANG A PROGRAMMING LANGUAGE IDEAL FOR ANY SITUATION WHERE CONCURRENCY FAULT TOLERANCE AND FAST RESPONSE IS ESSENTIAL ERLANG IS GAINING WIDESPREAD ADOPTION WITH THE ADVENT OF MULTI CORE PROCESSORS AND THEIR NEW SCALABLE APPROACH TO CONCURRENCY WITH THIS GUIDE YOU LL LEARN HOW TO WRITE COMPLEX CONCURRENT PROGRAMS IN ERLANG REGARDLESS OF YOUR PROGRAMMING BACKGROUND OR EXPERIENCE WRITTEN BY LEADERS OF THE INTERNATIONAL ERLANG COMMUNITY AND BASED ON THEIR TRAINING MATERIAL ERLANG PROGRAMMING FOCUSES ON THE LANGUAGE S SYNTAX AND SEMANTICS AND EXPLAINS PATTERN MATCHING PROPER LISTS RECURSION DEBUGGING NETWORKING AND CONCURRENCY THIS BOOK HELPS YOU UNDERSTAND THE STRENGTHS OF ERLANG AND WHY ITS DESIGNERS INCLUDED SPECIFIC FEATURES LEARN THE CONCEPTS BEHIND CONCURRENCY AND ERLANG S WAY OF HANDLING IT WRITE EFFICIENT ERLANG PROGRAMS WHILE KEEPING CODE NEAT AND READABLE DISCOVER HOW ERLANG FILLS THE REQUIREMENTS FOR DISTRIBUTED SYSTEMS ADD SIMPLE GRAPHICAL USER INTERFACES WITH LITTLE EFFORT LEARN ERLANG S TRACING MECHANISMS FOR DEBUGGING CONCURRENT AND DISTRIBUTED SYSTEMS USE THE BUILT IN Mnesia DATABASE AND OTHER TABLE STORAGE FEATURES ERLANG PROGRAMMING PROVIDES EXERCISES AT THE END OF EACH CHAPTER AND SIMPLE EXAMPLES THROUGHOUT THE BOOK

DESIGNING FOR SCALABILITY WITH ERLANG/OTP

2016-05-16

IF YOU NEED TO BUILD A SCALABLE FAULT TOLERANT SYSTEM WITH REQUIREMENTS FOR HIGH AVAILABILITY DISCOVER WHY THE ERLANG OTP PLATFORM STANDS OUT FOR THE BREADTH DEPTH AND CONSISTENCY OF ITS FEATURES THIS HANDS ON GUIDE DEMONSTRATES HOW TO USE THE ERLANG PROGRAMMING LANGUAGE AND ITS OTP FRAMEWORK OF REUSABLE LIBRARIES TOOLS AND DESIGN PRINCIPLES TO DEVELOP COMPLEX COMMERCIAL GRADE SYSTEMS THAT SIMPLY CANNOT FAIL IN THE FIRST PART OF THE BOOK YOU LL LEARN HOW TO DESIGN AND IMPLEMENT PROCESS BEHAVIORS AND SUPERVISION TREES WITH ERLANG OTP AND BUNDLE THEM INTO STANDALONE NODES THE SECOND PART ADDRESSES RELIABILITY SCALABILITY AND HIGH AVAILABILITY IN YOUR OVERALL SYSTEM DESIGN IF YOU RE FAMILIAR WITH ERLANG THIS BOOK WILL HELP YOU UNDERSTAND THE DESIGN CHOICES AND TRADE OFFS NECESSARY TO KEEP YOUR SYSTEM RUNNING EXPLORE OTP S BUILDING BLOCKS THE ERLANG LANGUAGE TOOLS AND LIBRARIES COLLECTION AND ITS ABSTRACT PRINCIPLES AND DESIGN RULES DIVE INTO THE FUNDAMENTALS OF OTP REUSABLE FRAMEWORKS THE ERLANG PROCESS STRUCTURES OTP USES FOR BEHAVIORS UNDERSTAND HOW OTP BEHAVIORS SUPPORT CLIENT SERVER STRUCTURES FINITE STATE MACHINE PATTERNS EVENT HANDLING AND RUNTIME CODE INTEGRATION WRITE YOUR OWN BEHAVIORS AND SPECIAL PROCESSES USE OTP S TOOLS TECHNIQUES AND ARCHITECTURES TO HANDLE DEPLOYMENT MONITORING AND OPERATIONS

LEARN YOU SOME ERLANG FOR GREAT GOOD!

2013-01-13

ERLANG IS THE LANGUAGE OF CHOICE FOR PROGRAMMERS WHO WANT TO WRITE ROBUST CONCURRENT APPLICATIONS BUT ITS STRANGE SYNTAX AND FUNCTIONAL DESIGN CAN INTIMIDATE THE UNINITIATED LUCKILY THERE S A NEW WEAPON IN THE BATTLE AGAINST ERLANG PHOBIA LEARN YOU SOME ERLANG FOR GREAT GOOD ERLANG MAESTRO FRED HERTBERT STARTS SLOW AND EASES YOU INTO THE BASICS YOU LL LEARN ABOUT ERLANG S UNORTHODOX SYNTAX ITS DATA STRUCTURES ITS TYPE SYSTEM OR LACK THEREOF AND BASIC FUNCTIONAL PROGRAMMING TECHNIQUES ONCE YOU VE WRAPPED YOUR HEAD AROUND THE SIMPLE STUFF YOU LL TACKLE THE REAL MEAT AND POTATOES OF THE LANGUAGE CONCURRENCY DISTRIBUTED COMPUTING HOT CODE LOADING AND ALL THE OTHER DARK MAGIC THAT MAKES ERLANG SUCH A HOT TOPIC AMONG TODAY S SAVVY DEVELOPERS AS YOU DIVE INTO ERLANG S FUNCTIONAL FANTASY WORLD YOU LL LEARN ABOUT TESTING YOUR APPLICATIONS WITH EUNIT AND COMMON TEST BUILDING AND RELEASING YOUR APPLICATIONS WITH THE OTP FRAMEWORK PASSING MESSAGES RAISING ERRORS AND STARTING STOPPING PROCESSES OVER MANY NODES STORING AND RETRIEVING DATA USING Mnesia AND ETS NETWORK PROGRAMMING WITH TCP UDP AND THE INET MODULE THE SIMPLE JOYS AND POTENTIAL PITFALLS OF WRITING DISTRIBUTED CONCURRENT APPLICATIONS PACKED WITH LIGHTEARTED ILLUSTRATIONS AND JUST THE RIGHT MIX OF OFFBEAT AND PRACTICAL EXAMPLE PROGRAMS LEARN YOU SOME ERLANG FOR GREAT GOOD IS THE PERFECT ENTRY POINT INTO THE SOMETIMES CRAZY ALWAYS THRILLING WORLD OF ERLANG

ERLANG BY EXAMPLE WITH CESARINI AND THOMPSON

2011

GET TO KNOW ERLANG THE INCREASINGLY POPULAR PROGRAMMING LANGUAGE WIDELY KNOWN FOR ITS ROLE IN CONCURRENCY THIS IN DEPTH VIDEO INTRODUCES YOU TO THE LANGUAGE WITH SEVERAL EXAMPLES THAT DEMONSTRATE ERLANG IN ACTION LEARN THE BASICS BEFORE DIVING INTO SEQUENTIAL PROGRAMMING ERROR HANDLING AND SUPPORT FOR CONCURRENCY THEN DISCOVER HOW ERLANG ENABLES YOU TO QUICKLY AND EASILY WRITE MASSIVELY CONCURRENT HIGHLY AVAILABLE SYSTEMS WITH A FRACTION OF THE EFFORT OF CONVENTIONAL PROGRAMMING LANGUAGES A CASE STUDY OF A CLIENT SERVER APPLICATION SHOWS YOU HOW TO PUT THESE IDEAS INTO PRACTICE

BUILDING WEB APPLICATIONS WITH ERLANG

2012-06-07

WORKING WITH REST AND SOCKETS ON YAWS COVER

DESIGNING FOR SCALABILITY WITH ERLANG/OTP

2016

IF YOU NEED TO BUILD A SCALABLE FAULT TOLERANT SYSTEM WITH REQUIREMENTS FOR HIGH AVAILABILITY DISCOVER WHY THE ERLANG OTP PLATFORM STANDS OUT FOR THE BREADTH DEPTH AND CONSISTENCY OF ITS FEATURES THIS HANDS ON GUIDE DEMONSTRATES HOW TO USE THE ERLANG PROGRAMMING LANGUAGE AND ITS OTP FRAMEWORK OF REUSABLE LIBRARIES TOOLS AND DESIGN PRINCIPLES TO DEVELOP COMPLEX COMMERCIAL GRADE SYSTEMS THAT SIMPLY CANNOT FAIL IN THE FIRST PART OF THE BOOK YOU WILL LEARN HOW TO DESIGN AND IMPLEMENT PROCESS BEHAVIORS AND SUPERVISION TREES WITH ERLANG OTP AND BUNDLE THEM INTO STANDALONE NODES THE SECOND PART ADDRESSES RELIABILITY SCALABILITY AND HIGH AVAILABILITY IN YOUR OVERALL SYSTEM DESIGN IF YOU ARE FAMILIAR WITH ERLANG THIS BOOK WILL HELP YOU UNDERSTAND THE DESIGN CHOICES AND TRADE OFFS NECESSARY TO KEEP YOUR SYSTEM RUNNING EXPLORE OTP'S BUILDING BLOCKS THE ERLANG LANGUAGE TOOLS AND LIBRARIES COLLECTION AND ITS ABSTRACT PRINCIPLES AND DESIGN RULES DIVE INTO THE FUNDAMENTALS OF OTP REUSABLE FRAMEWORKS THE ERLANG PROCESS STRUCTURES OTP USES FOR BEHAVIORS UNDERSTAND HOW OTP BEHAVIORS SUPPORT CLIENT SERVER STRUCTURES FINITE STATE MACHINE PATTERNS EVENT HANDLING AND RUNTIME CODE INTEGRATION WRITE YOUR OWN BEHAVIORS AND SPECIAL PROCESSES USE OTP'S TOOLS TECHNIQUES AND ARCHITECTURES TO HANDLE DEPLOYMENT MONITORING AND OPERATIONS

THE ARCHITECTURE OF OPEN SOURCE APPLICATIONS

2011

BESCHRIJVING VAN VIJFENTWINTIG OPEN SOURCE APPLICATIES

CONCURRENT PROGRAMMING IN ERLANG

1993

A COMPLETE DESCRIPTION OF ERLANG A PROGRAMMING LANGUAGE FOR BUILDING ROBUST CONCURRENT SYSTEMS THE BOOK CONTAINS MANY EXAMPLES OF HOW ROBUST REAL TIME SYSTEMS CAN BE PROGRAMMED USING THIS LANGUAGE

BUILDING WEB APPLICATIONS WITH ERLANG

2012-06-07

WHY CHOOSE ERLANG FOR WEB APPLICATIONS DISCOVER THE ANSWER HANDS ON BY BUILDING A SIMPLE WEB SERVICE WITH THIS BOOK IF YOU ARE AN EXPERIENCED WEB DEVELOPER WHO KNOWS BASIC ERLANG YOU WILL LEARN HOW TO WORK WITH REST DYNAMIC CONTENT WEB SOCKETS AND CONCURRENCY THROUGH SEVERAL EXAMPLES IN THE PROCESS YOU WILL SEE FIRST HAND THAT ERLANG IS IDEAL FOR BUILDING BUSINESS CRITICAL SERVICES ERLANG WAS DESIGNED FOR FAULT TOLERANT NON STOP TELECOM SYSTEMS AND BUILDING APPLICATIONS WITH IT REQUIRES A LARGE SET OF SKILLS BY THE END OF THE BOOK YOU WILL HAVE THE INFORMATION YOU NEED TO BUILD A BASIC WEB SERVICE AND GET IT RUNNING EXPLORE THE POWER OF ERLANG AND REST FOR BUILDING WEB SERVICES SERVE STATIC AND DYNAMIC CONTENT WITH THE YAWS WEB SERVER USE DIFFERENT METHODS FOR OUTPUTTING DATA TO USER SUCH AS ENCODING ERLANG DATA STRUCTURES INTO JSON OR XML BUILD AN APPLICATION TO LISTEN FOR HTTP REQUESTS PROCESS THEM STORE DATA AND RETURN USEFUL DATA GO BEYOND THE REQUEST RESPONSE MODEL PUSH DATA TO CLIENTS WITH WEB SOCKETS USE ERLANG AND YAWS TO STREAM DATA FROM THE SERVER TO A CLIENT A BOOK WHICH IS TRULY NEEDED AND WILL HELP GET ERLANG TO THE NEXT LEVEL FRANCESCO CESARINI CEO OF ERLANG SOLUTIONS AUTHOR OF ERLANG PROGRAMMING

MIRANDA

1995

THIS BOOK INTRODUCES MIRANDA AT A LEVEL APPROPRIATE FOR PROFESSIONALS WITH LITTLE OR NO PRIOR EXPERIENCE IN PROGRAMMING THE EMPHASIS IS ON THE PROCESS OF CRAFTING PROGRAMS SOLVING PROBLEMS AND AVOIDING COMMON ERRORS USING A LARGE NUMBER OF RUNNING EXAMPLES AND CASE STUDIES THE BOOK ENCOURAGES THE DESIGN OF WELL STRUCTURED REUSABLE SOFTWARE TOGETHER WITH PROOFS OF CORRECTNESS A TEAR OUT CARD ENABLES READERS TO ACQUIRE A MIRANDA COMPILER FROM RESEARCH SOFTWARE LTD AT A SUBSTANTIAL DISCOUNT OFF THE PUBLISHED LIST PRICE

ERLANG AND OTP IN ACTION

2010-11-15

CONCURRENT PROGRAMMING HAS BECOME A REQUIRED DISCIPLINE FOR ALL PROGRAMMERS MULTI CORE PROCESSORS AND THE INCREASING DEMAND FOR MAXIMUM PERFORMANCE AND SCALABILITY IN MISSION CRITICAL APPLICATIONS HAVE RENEWED INTEREST IN FUNCTIONAL LANGUAGES LIKE ERLANG THAT ARE DESIGNED TO HANDLE CONCURRENT PROGRAMMING ERLANG AND THE OTP PLATFORM MAKE IT POSSIBLE TO DELIVER MORE ROBUST APPLICATIONS THAT SATISFY RIGOROUS UPTIME AND PERFORMANCE REQUIREMENTS ERLANG AND OTP IN ACTION TEACHES YOU TO APPLY ERLANG S MESSAGE PASSING MODEL FOR CONCURRENT PROGRAMMING A COMPLETELY DIFFERENT WAY OF TACKLING THE PROBLEM OF PARALLEL PROGRAMMING FROM THE MORE COMMON MULTI THREADED APPROACH THIS BOOK WALKS YOU THROUGH THE PRACTICAL CONSIDERATIONS AND STEPS OF BUILDING SYSTEMS IN ERLANG AND INTEGRATING THEM WITH REAL WORLD C C JAVA AND NET APPLICATIONS UNLIKE OTHER BOOKS ON THE MARKET ERLANG AND OTP IN ACTION OFFERS A COMPREHENSIVE VIEW OF HOW CONCURRENCY RELATES TO SOA AND WEB TECHNOLOGIES THIS HANDS ON GUIDE IS PERFECT FOR READERS JUST LEARNING ERLANG OR FOR THOSE WHO WANT TO APPLY THEIR THEORETICAL KNOWLEDGE OF THIS POWERFUL LANGUAGE YOU LL DELVE INTO THE ERLANG LANGUAGE AND OTP RUNTIME BY BUILDING SEVERAL PROGRESSIVELY MORE INTERESTING REAL WORLD DISTRIBUTED APPLICATIONS ONCE YOU ARE COMPETENT IN THE FUNDAMENTALS OF ERLANG THE BOOK TAKES YOU ON A DEEP DIVE INTO THE PROCESS OF DESIGNING COMPLEX SOFTWARE SYSTEMS IN ERLANG PURCHASE OF THE PRINT BOOK COMES WITH AN OFFER OF A FREE PDF EPUB AND KINDLE EBOOK FROM MANNING ALSO AVAILABLE IS ALL CODE FROM THE BOOK

YOUR CODE AS A CRIME SCENE

2015-03-30

JACK THE RIPPER AND LEGACY CODEBASES HAVE MORE IN COMMON THAN YOU D THINK INSPIRED BY FORENSIC PSYCHOLOGY METHODS YOU LL LEARN STRATEGIES TO PREDICT THE FUTURE OF YOUR CODEBASE ASSESS REFACTORING DIRECTION AND UNDERSTAND HOW YOUR TEAM INFLUENCES THE DESIGN WITH ITS UNIQUE BLEND OF FORENSIC PSYCHOLOGY AND CODE ANALYSIS THIS BOOK ARMS YOU WITH THE STRATEGIES YOU NEED NO MATTER WHAT PROGRAMMING LANGUAGE YOU USE SOFTWARE IS A LIVING ENTITY THAT S CONSTANTLY CHANGING TO UNDERSTAND SOFTWARE SYSTEMS WE NEED TO KNOW WHERE THEY CAME FROM AND HOW THEY EVOLVED BY MINING COMMIT DATA AND ANALYZING THE HISTORY OF YOUR CODE YOU CAN START FIXES AHEAD OF TIME TO ELIMINATE BROKEN DESIGNS MAINTENANCE ISSUES AND TEAM PRODUCTIVITY BOTTLENECKS IN THIS BOOK YOU LL LEARN FORENSIC PSYCHOLOGY TECHNIQUES TO SUCCESSFULLY MAINTAIN YOUR SOFTWARE YOU LL CREATE A GEOGRAPHIC PROFILE FROM YOUR COMMIT DATA TO FIND HOTSPOTS AND APPLY TEMPORAL COUPLING CONCEPTS TO UNCOVER HIDDEN RELATIONSHIPS BETWEEN UNRELATED AREAS IN YOUR CODE YOU LL ALSO MEASURE THE EFFECTIVENESS OF YOUR CODE IMPROVEMENTS YOU LL LEARN HOW TO APPLY THESE TECHNIQUES ON PROJECTS BOTH LARGE AND SMALL FOR SMALL PROJECTS YOU LL GET NEW INSIGHTS INTO YOUR DESIGN AND HOW WELL THE CODE FITS YOUR IDEAS FOR LARGE PROJECTS YOU LL IDENTIFY THE GOOD AND THE FRAGILE PARTS LARGE SCALE DEVELOPMENT IS ALSO A SOCIAL ACTIVITY AND THE TEAM S DYNAMICS INFLUENCE CODE QUALITY THAT S WHY THIS BOOK SHOWS YOU HOW TO UNCOVER SOCIAL BIASES WHEN ANALYZING THE EVOLUTION OF YOUR SYSTEM YOU LL USE COMMIT MESSAGES AS EYEWITNESS ACCOUNTS TO WHAT IS REALLY HAPPENING IN YOUR CODE FINALLY YOU LL PUT IT ALL TOGETHER BY TRACKING ORGANIZATIONAL PROBLEMS IN THE CODE AND FINDING OUT HOW TO FIX THEM COME JOIN THE HUNT FOR BETTER CODE WHAT YOU NEED YOU NEED JAVA 6 AND PYTHON 2 7 TO RUN THE ACCOMPANYING ANALYSIS TOOLS YOU ALSO NEED GIT TO FOLLOW ALONG WITH THE EXAMPLES

SOFTWARE DESIGN X-RAYS

2018-03-08

ARE YOU WORKING ON A CODEBASE WHERE COST OVERRUNS DEATH MARCHES AND HEROIC FIGHTS WITH LEGACY CODE MONSTERS ARE THE NORM BATTLE THESE ADVERSARIES WITH NOVEL WAYS TO IDENTIFY AND PRIORITIZE TECHNICAL DEBT BASED ON BEHAVIORAL DATA FROM HOW DEVELOPERS WORK WITH CODE AND THAT S JUST FOR STARTERS BECAUSE GOOD CODE INVOLVES SOCIAL DESIGN AS WELL AS TECHNICAL DESIGN YOU CAN FIND SURPRISING DEPENDENCIES BETWEEN PEOPLE AND CODE TO RESOLVE COORDINATION BOTTLENECKS AMONG TEAMS BEST OF ALL THE TECHNIQUES BUILD ON BEHAVIORAL DATA THAT YOU ALREADY HAVE YOUR VERSION CONTROL SYSTEM JOIN THE FIGHT FOR BETTER CODE USE STATISTICS AND DATA SCIENCE TO UNCOVER BOTH PROBLEMATIC CODE AND THE BEHAVIORAL PATTERNS OF THE DEVELOPERS WHO BUILD YOUR SOFTWARE THIS COMBINATION GIVES YOU INSIGHTS YOU CAN T GET FROM THE CODE ALONE USE THESE INSIGHTS TO PRIORITIZE REFACTORING NEEDS MEASURE THEIR EFFECT FIND IMPLICIT DEPENDENCIES BETWEEN DIFFERENT MODULES AND AUTOMATICALLY CREATE KNOWLEDGE MAPS OF YOUR SYSTEM BASED ON ACTUAL CODE CONTRIBUTIONS IN A RADICAL MUCH NEEDED CHANGE FROM COMMON PRACTICE GUIDE ORGANIZATIONAL DECISIONS WITH OBJECTIVE DATA BY MEASURING HOW WELL YOUR DEVELOPMENT TEAMS ALIGN WITH THE SOFTWARE ARCHITECTURE DISCOVER A COMPREHENSIVE SET OF PRACTICAL ANALYSIS TECHNIQUES BASED ON VERSION CONTROL DATA WHERE EACH POINT IS ILLUSTRATED WITH A CASE STUDY FROM A REAL WORLD CODEBASE BECAUSE THE TECHNIQUES ARE LANGUAGE NEUTRAL YOU CAN APPLY THEM TO YOUR OWN CODE NO MATTER WHAT PROGRAMMING LANGUAGE YOU USE GUIDE ORGANIZATIONAL DECISIONS WITH OBJECTIVE DATA BY MEASURING HOW WELL YOUR DEVELOPMENT TEAMS ALIGN WITH THE SOFTWARE ARCHITECTURE APPLY RESEARCH FINDINGS FROM SOCIAL PSYCHOLOGY TO SOFTWARE DEVELOPMENT ENSURING YOU GET THE TOOLS YOU NEED TO COACH YOUR ORGANIZATION TOWARDS BETTER CODE IF YOU RE AN EXPERIENCED PROGRAMMER SOFTWARE ARCHITECT OR TECHNICAL MANAGER YOU LL GET A NEW PERSPECTIVE THAT WILL CHANGE HOW YOU WORK WITH CODE WHAT YOU NEED YOU DON T HAVE TO INSTALL ANYTHING TO FOLLOW ALONG IN THE BOOK TTHE CASE STUDIES IN THE BOOK USE WELL KNOWN OPEN SOURCE PROJECTS HOSTED ON GITHUB YOU LL USE CODESCENE A FREE SOFTWARE ANALYSIS TOOL

2016-10-04

7/17

FOR OPEN SOURCE PROJECTS FOR THE CASE STUDIES WE ALSO DISCUSS ALTERNATIVE TOOLING OPTIONS WHERE THEY EXIST

HASKELL

2011

THIS BOOK INTRODUCES HASKELL AT A LEVEL APPROPRIATE FOR THOSE WITH LITTLE OR NO PRIOR EXPERIENCE OF FUNCTIONAL PROGRAMMING THE EMPHASIS IS ON THE PROCESS OF CRAFTING PROGRAMS SOLVING PROBLEMS AND AVOIDING COMMON ERRORS

BUILDING WEB APPLICATIONS WITH ERLANG

2012

WHY CHOOSE ERLANG FOR WEB APPLICATIONS DISCOVER THE ANSWER HANDS ON BY BUILDING A SIMPLE WEB SERVICE WITH THIS BOOK IF YOU'RE AN EXPERIENCED WEB DEVELOPER WHO KNOWS BASIC ERLANG YOU'LL LEARN HOW TO WORK WITH REST DYNAMIC CONTENT WEB SOCKETS AND CONCURRENCY THROUGH SEVERAL EXAMPLES IN THE PROCESS YOU'LL SEE FIRST HAND THAT ERLANG IS IDEAL FOR BUILDING BUSINESS CRITICAL SERVICES ERLANG WAS DESIGNED FOR FAULT TOLERANT NON STOP TELECOM SYSTEMS AND BUILDING APPLICATIONS WITH IT REQUIRES A LARGE SET OF SKILLS BY THE END OF THE BOOK YOU'LL HAVE THE INFORMATION YOU NEED TO BUILD A BASIC WEB SERVICE AND GET IT RUNNING EXPLORE THE POWER OF ERLANG AND REST FOR BUILDING WEB SERVICES SERVE STATIC AND DYNAMIC CONTENT WITH THE YAWS WEB SERVER USE DIFFERENT METHODS FOR OUTPUTTING DATA TO USER SUCH AS ENCODING ERLANG DATA STRUCTURES INTO JSON OR XML BUILD AN APPLICATION TO LISTEN FOR HTTP REQUESTS PROCESS THEM STORE DATA AND RETURN USEFUL DATA GO BEYOND THE REQUEST RESPONSE MODEL PUSH DATA TO CLIENTS WITH WEB SOCKETS USE ERLANG AND YAWS TO STREAM DATA FROM THE SERVER TO A CLIENT A BOOK WHICH IS TRULY NEEDED AND WILL HELP GET ERLANG TO THE NEXT LEVEL FRANCESCO CESARINI CEO OF ERLANG SOLUTIONS AUTHOR OF ERLANG PROGRAMMING

MONOLITH TO MICROSERVICES

2019-11-14

HOW DO YOU DETANGLE A MONOLITHIC SYSTEM AND MIGRATE IT TO A MICROSERVICE ARCHITECTURE HOW DO YOU DO IT WHILE MAINTAINING BUSINESS AS USUAL AS A COMPANION TO SAM NEWMAN'S EXTREMELY POPULAR BUILDING MICROSERVICES THIS NEW BOOK DETAILS A PROVEN METHOD FOR TRANSITIONING AN EXISTING MONOLITHIC SYSTEM TO A MICROSERVICE ARCHITECTURE WITH MANY ILLUSTRATIVE EXAMPLES INSIGHTFUL MIGRATION PATTERNS AND A BEVY OF PRACTICAL ADVICE TO TRANSITION YOUR MONOLITH ENTERPRISE INTO A MICROSERVICE OPERATION THIS PRACTICAL GUIDE COVERS MULTIPLE SCENARIOS AND STRATEGIES FOR A SUCCESSFUL MIGRATION FROM INITIAL PLANNING ALL THE WAY THROUGH APPLICATION AND DATABASE DECOMPOSITION YOU'LL LEARN SEVERAL TRIED AND TESTED PATTERNS AND TECHNIQUES THAT YOU CAN USE AS YOU MIGRATE YOUR EXISTING ARCHITECTURE IDEAL FOR ORGANIZATIONS LOOKING TO TRANSITION TO MICROSERVICES RATHER THAN REBUILD HELPS COMPANIES DETERMINE WHETHER TO MIGRATE WHEN TO MIGRATE AND WHERE TO BEGIN ADDRESSES COMMUNICATION INTEGRATION AND THE MIGRATION OF LEGACY SYSTEMS DISCUSSES MULTIPLE MIGRATION PATTERNS AND WHERE THEY APPLY PROVIDES DATABASE MIGRATION EXAMPLES ALONG WITH SYNCHRONIZATION STRATEGIES EXPLORES APPLICATION DECOMPOSITION INCLUDING SEVERAL ARCHITECTURAL REFACTORING PATTERNS DELVES INTO DETAILS OF DATABASE DECOMPOSITION INCLUDING THE IMPACT OF BREAKING REFERENTIAL AND TRANSACTIONAL INTEGRITY NEW FAILURE MODES AND MORE

ELIXIR IN ACTION

2019-01-03

SUMMARY REVISED AND UPDATED FOR ELIXIR 1.7 ELIXIR IN ACTION SECOND EDITION TEACHES YOU HOW TO APPLY ELIXIR TO PRACTICAL PROBLEMS ASSOCIATED WITH SCALABILITY FAULT TOLERANCE AND HIGH AVAILABILITY ALONG THE WAY YOU'LL DEVELOP AN APPRECIATION FOR AND CONSIDERABLE SKILL IN A FUNCTIONAL AND CONCURRENT STYLE OF PROGRAMMING PURCHASE OF THE PRINT BOOK INCLUDES A FREE EBOOK IN PDF KINDLE AND EPUB FORMATS FROM MANNING PUBLICATIONS ABOUT THE TECHNOLOGY WHEN YOU'RE BUILDING MISSION CRITICAL SOFTWARE FAULT TOLERANCE MATTERS THE ELIXIR PROGRAMMING LANGUAGE DELIVERS FAST RELIABLE APPLICATIONS WHETHER YOU'RE BUILDING A LARGE SCALE DISTRIBUTED SYSTEM A SET OF BACKEND SERVICES OR A SIMPLE WEB APP AND ELIXIR'S ELEGANT SYNTAX AND FUNCTIONAL PROGRAMMING MINDSET MAKE YOUR SOFTWARE EASY TO WRITE READ AND MAINTAIN ABOUT THE BOOK ELIXIR IN ACTION SECOND EDITION TEACHES YOU HOW TO BUILD PRODUCTION QUALITY DISTRIBUTED APPLICATIONS USING THE ELIXIR PROGRAMMING LANGUAGE AUTHOR SAURABH A JURI INTRODUCES THIS POWERFUL LANGUAGE USING EXAMPLES THAT HIGHLIGHT THE BENEFITS OF ELIXIR'S FUNCTIONAL AND CONCURRENT PROGRAMMING YOU'LL DISCOVER HOW THE OTP FRAMEWORK CAN RADICALLY REDUCE TEDIOUS LOW LEVEL CODING TASKS YOU'LL ALSO EXPLORE PRACTICAL APPROACHES TO CONCURRENCY AS YOU LEARN TO DISTRIBUTE A PRODUCTION SYSTEM OVER MULTIPLE MACHINES WHAT'S INSIDE UPDATED FOR ELIXIR 1.7 FUNCTIONAL AND CONCURRENT PROGRAMMING INTRODUCTION TO DISTRIBUTED SYSTEM DESIGN CREATING DEPLOYABLE RELEASES ABOUT THE READER YOU'LL NEED INTERMEDIATE SKILLS WITH CLIENT SERVER APPLICATIONS AND A LANGUAGE LIKE JAVA C OR RUBY NO PREVIOUS EXPERIENCE WITH ELIXIR REQUIRED ABOUT THE AUTHOR SAURABH A JURI IS A DEVELOPER WITH EXTENSIVE EXPERIENCE USING ELIXIR AND ERLANG IN COMPLEX SERVER SIDE SYSTEMS TABLE OF CONTENTS FIRST STEPS BUILDING BLOCKS CONTROL FLOW DATA ABSTRACTIONS CONCURRENCY PRIMITIVES GENERIC SERVER PROCESSES BUILDING A CONCURRENT SYSTEM FAULT TOLERANCE BASICS ISOLATING ERROR EFFECTS BEYOND GENSERVER WORKING WITH COMPONENTS

BUILDING A DISTRIBUTED SYSTEM RUNNING THE SYSTEM

BUILDING WEB APPLICATIONS WITH ERLANG

2012-06-05

WHY CHOOSE ERLANG FOR WEB APPLICATIONS DISCOVER THE ANSWER HANDS ON BY BUILDING A SIMPLE WEB SERVICE WITH THIS BOOK IF YOU RE AN EXPERIENCED WEB DEVELOPER WHO KNOWS BASIC ERLANG YOU LL LEARN HOW TO WORK WITH REST DYNAMIC CONTENT WEB SOCKETS AND CONCURRENCY THROUGH SEVERAL EXAMPLES IN THE PROCESS YOU LL SEE FIRST HAND THAT ERLANG IS IDEAL FOR BUILDING BUSINESS CRITICAL SERVICES ERLANG WAS DESIGNED FOR FAULT TOLERANT NON STOP TELECOM SYSTEMS AND BUILDING APPLICATIONS WITH IT REQUIRES A LARGE SET OF SKILLS BY THE END OF THE BOOK YOU LL HAVE THE INFORMATION YOU NEED TO BUILD A BASIC WEB SERVICE AND GET IT RUNNING EXPLORE THE POWER OF ERLANG AND REST FOR BUILDING WEB SERVICES SERVE STATIC AND DYNAMIC CONTENT WITH THE YAWS WEB SERVER USE DIFFERENT METHODS FOR OUTPUTTING DATA TO USER SUCH AS ENCODING ERLANG DATA STRUCTURES INTO JSON OR XML BUILD AN APPLICATION TO LISTEN FOR HTTP REQUESTS PROCESS THEM STORE DATA AND RETURN USEFUL DATA GO BEYOND THE REQUEST RESPONSE MODEL PUSH DATA TO CLIENTS WITH WEB SOCKETS USE ERLANG AND YAWS TO STREAM DATA FROM THE SERVER TO A CLIENT A BOOK WHICH IS TRULY NEEDED AND WILL HELP GET ERLANG TO THE NEXT LEVEL FRANCESCO CESARINI CEO OF ERLANG SOLUTIONS AUTHOR OF ERLANG PROGRAMMING

MODERNIZING ENTERPRISE JAVA

2021-10-21

WHILE CONTAINERS MICROSERVICES AND DISTRIBUTED SYSTEMS DOMINATE DISCUSSIONS IN THE TECH WORLD THE MAJORITY OF APPLICATIONS IN USE TODAY STILL RUN MONOLITHIC ARCHITECTURES THAT FOLLOW TRADITIONAL DEVELOPMENT PROCESSES THIS PRACTICAL BOOK HELPS DEVELOPERS EXAMINE LONG ESTABLISHED JAVA BASED MODELS AND DEMONSTRATES HOW TO BRING THESE MONOLITHIC APPLICATIONS SUCCESSFULLY INTO THE FUTURE RELYING ON THEIR YEARS OF EXPERIENCE MODERNIZING APPLICATIONS AUTHORS MARKUS EISELE AND NATALE VINTO WALK YOU THROUGH THE STEPS NECESSARY TO UPDATE YOUR ORGANIZATION S JAVA APPLICATIONS YOU LL DISCOVER HOW TO DISMANTLE YOUR MONOLITHIC APPLICATION AND MOVE TO AN UP TO DATE SOFTWARE STACK THAT WORKS ACROSS CLOUD AND ON PREMISES INSTALLATIONS LEARN CLOUD NATIVE APPLICATION BASICS TO UNDERSTAND WHAT PARTS OF YOUR ORGANIZATION S JAVA BASED APPLICATIONS AND PLATFORMS NEED TO MIGRATE AND MODERNIZE UNDERSTAND HOW ENTERPRISE JAVA SPECIFICATIONS CAN HELP YOU TRANSITION PROJECTS AND TEAMS BUILD A CLOUD NATIVE PLATFORM THAT SUPPORTS EFFECTIVE DEVELOPMENT WITHOUT FALLING INTO BUZZWORD TRAPS FIND A STARTING POINT FOR YOUR MIGRATION PROJECTS BY IDENTIFYING CANDIDATES AND STAGING THEM THROUGH MODERNIZATION STEPS DISCOVER HOW TO COMPLEMENT A TRADITIONAL ENTERPRISE JAVA APPLICATION WITH COMPONENTS ON TOP OF CONTAINERS AND KUBERNETES

BEGINNING C# OBJECT-ORIENTED PROGRAMMING

2011-08-12

BEGINNING C OBJECT ORIENTED PROGRAMMING BRINGS YOU INTO THE MODERN WORLD OF DEVELOPMENT AS YOU MASTER THE FUNDAMENTALS OF PROGRAMMING WITH C AND LEARN TO DEVELOP EFFICIENT REUSABLE ELEGANT CODE THROUGH THE OBJECT ORIENTED PROGRAMMING OOP METHODOLOGY TAKE YOUR SKILLS OUT OF THE 20TH CENTURY AND INTO THIS ONE WITH DAN CLARK S ACCESSIBLE QUICK PACED GUIDE TO C AND OBJECT ORIENTED PROGRAMMING COMPLETELY UPDATED FOR NET 4 0 AND C 4 0 AS YOU DEVELOP TECHNIQUES AND BEST PRACTICES FOR CODING IN C ONE OF THE WORLD S MOST POPULAR CONTEMPORARY LANGUAGES YOU LL EXPERIENCE MODELING A REAL WORLD APPLICATION THROUGH A CASE STUDY ALLOWING YOU TO SEE HOW BOTH C AND OOP A METHODOLOGY YOU CAN USE WITH ANY NUMBER OF LANGUAGES COME TOGETHER TO MAKE YOUR CODE REUSABLE MODERN AND EFFICIENT WITH MORE THAN 30 FULLY HANDS ON ACTIVITIES YOU LL DISCOVER HOW TO TRANSFORM A SIMPLE MODEL OF AN APPLICATION INTO A FULLY FUNCTIONAL C PROJECT INCLUDING DESIGNING THE USER INTERFACE IMPLEMENTING THE BUSINESS LOGIC AND INTEGRATING WITH A RELATIONAL DATABASE FOR DATA STORAGE ALONG THE WAY YOU WILL EXPLORE THE NET FRAMEWORK THE CREATION OF A WINDOWS BASED USER INTERFACE A WEB BASED USER INTERFACE AND SERVICE ORIENTED PROGRAMMING ALL USING MICROSOFT S INDUSTRY LEADING VISUAL STUDIO 2010 C SILVERLIGHT THE ENTITY FRAMEWORK AND MORE

BUILD IT WITH NITROGEN

2020-11-09

BUILD IT WITH NITROGEN THE FAST OFF THE BLOCK ERLANG FRAMEWORK GUIDES WEB DEVELOPERS STEP BY STEP THROUGH CONSTRUCTION OF HIGHLY RELIABLE WEB APPLICATIONS THIS EASY TO READ BOOK ASSUMES MINIMAL LINUX OR JAVASCRIPT SKILLS GUIDES THE READER THROUGH 12 HANDS ON PROJECTS EACH PROJECT BUILDS ON THE LAST TOWARD HIGH LEVEL COMPETENCY READERS LEARN ERLANG AS THEY GO NITROGEN SIMPLIFIES DEVELOPMENT OF WEB APPLICATIONS MAKING SIMPLE THINGS EASY AND DIFFICULT THINGS MANAGEABLE ERLANG DELIVERS THE HIGH AVAILABILITY MASSIVELY SCALABLE SOFT REAL TIME PERFORMANCE REQUIRED BY BANKING E COMMERCE COMPUTER TELEPHONY AND INSTANT MESSAGING APPLICATIONS

CONTINUOUS ARCHITECTURE

2015-10-21

CONTINUOUS ARCHITECTURE PROVIDES A BROAD ARCHITECTURAL PERSPECTIVE FOR CONTINUOUS DELIVERY AND DESCRIBES A NEW ARCHITECTURAL APPROACH THAT SUPPORTS AND ENABLES IT AS THE PACE OF INNOVATION AND SOFTWARE RELEASES INCREASES IT DEPARTMENTS ARE TASKED TO DELIVER VALUE QUICKLY AND INEXPENSIVELY TO THEIR BUSINESS PARTNERS WITH A FOCUS ON GETTING SOFTWARE INTO END USERS HANDS FASTER THE ULTIMATE GOAL OF DAILY SOFTWARE UPDATES IS IN SIGHT TO ALLOW TEAMS TO ENSURE THAT THEY CAN RELEASE EVERY CHANGE TO THE SYSTEM SIMPLY AND EFFICIENTLY THIS BOOK PRESENTS AN ARCHITECTURAL APPROACH TO SUPPORT MODERN APPLICATION DELIVERY METHODS AND PROVIDE A BROADER ARCHITECTURAL PERSPECTIVE TAKING ARCHITECTURAL CONCERNS INTO ACCOUNT WHEN DEPLOYING AGILE OR CONTINUOUS DELIVERY APPROACHES THE AUTHORS EXPLAIN HOW TO SOLVE THE CHALLENGES OF IMPLEMENTING CONTINUOUS DELIVERY AT THE PROJECT AND ENTERPRISE LEVEL AND THE IMPACT ON IT PROCESSES INCLUDING APPLICATION TESTING SOFTWARE DEPLOYMENT AND SOFTWARE ARCHITECTURE COVERING THE APPLICATION OF ENTERPRISE AND SOFTWARE ARCHITECTURE CONCEPTS TO THE AGILE AND CONTINUOUS DELIVERY MODELS EXPLAINS HOW TO CREATE AN ARCHITECTURE THAT CAN EVOLVE WITH APPLICATIONS INCORPORATES TECHNIQUES INCLUDING REFACTORING ARCHITECTURAL ANALYSIS TESTING AND FEEDBACK DRIVEN DEVELOPMENT PROVIDES INSIGHT INTO INCORPORATING MODERN SOFTWARE DEVELOPMENT WHEN STRUCTURING TEAMS AND ORGANIZATIONS

WORKING EFFECTIVELY WITH LEGACY CODE

2004-09-22

GET MORE OUT OF YOUR LEGACY SYSTEMS MORE PERFORMANCE FUNCTIONALITY RELIABILITY AND MANAGEABILITY IS YOUR CODE EASY TO CHANGE CAN YOU GET NEARLY INSTANTANEOUS FEEDBACK WHEN YOU DO CHANGE IT DO YOU UNDERSTAND IT IF THE ANSWER TO ANY OF THESE QUESTIONS IS NO YOU HAVE LEGACY CODE AND IT IS DRAINING TIME AND MONEY AWAY FROM YOUR DEVELOPMENT EFFORTS IN THIS BOOK MICHAEL FEATHERS OFFERS START TO FINISH STRATEGIES FOR WORKING MORE EFFECTIVELY WITH LARGE UNTESTED LEGACY CODE BASES THIS BOOK DRAWS ON MATERIAL MICHAEL CREATED FOR HIS RENOWNED OBJECT MENTOR SEMINARS TECHNIQUES MICHAEL HAS USED IN MENTORING TO HELP HUNDREDS OF DEVELOPERS TECHNICAL MANAGERS AND TESTERS BRING THEIR LEGACY SYSTEMS UNDER CONTROL THE TOPICS COVERED INCLUDE UNDERSTANDING THE MECHANICS OF SOFTWARE CHANGE ADDING FEATURES FIXING BUGS IMPROVING DESIGN OPTIMIZING PERFORMANCE GETTING LEGACY CODE INTO A TEST HARNESS WRITING TESTS THAT PROTECT YOU AGAINST INTRODUCING NEW PROBLEMS TECHNIQUES THAT CAN BE USED WITH ANY LANGUAGE OR PLATFORM WITH EXAMPLES IN JAVA C C AND C ACCURATELY IDENTIFYING WHERE CODE CHANGES NEED TO BE MADE COPING WITH LEGACY SYSTEMS THAT AREN T OBJECT ORIENTED HANDLING APPLICATIONS THAT DON T SEEM TO HAVE ANY STRUCTURE THIS BOOK ALSO INCLUDES A CATALOG OF TWENTY FOUR DEPENDENCY BREAKING TECHNIQUES THAT HELP YOU WORK WITH PROGRAM ELEMENTS IN ISOLATION AND MAKE SAFER CHANGES

INTRODUCING ERLANG

2017-03-06

IF YOU'RE NEW TO ERLANG ITS FUNCTIONAL STYLE CAN SEEM DIFFICULT BUT WITH HELP FROM THIS HANDS ON INTRODUCTION YOU'LL SCALE THE LEARNING CURVE AND DISCOVER HOW ENJOYABLE POWERFUL AND FUN THIS LANGUAGE CAN BE IN THIS UPDATED SECOND EDITION AUTHOR SIMON ST LAURENT SHOWS YOU HOW TO WRITE SIMPLE ERLANG PROGRAMS BY TEACHING YOU ONE SKILL AT A TIME YOU'LL LEARN ABOUT PATTERN MATCHING RECURSION MESSAGE PASSING PROCESS ORIENTED PROGRAMMING AND ESTABLISHING PATHWAYS FOR DATA RATHER THAN TELLING IT WHERE TO GO BY THE END OF YOUR JOURNEY YOU'LL UNDERSTAND WHY ERLANG IS IDEAL FOR CONCURRENCY AND RESILIENCE GET COZY WITH ERLANG S SHELL ITS COMMAND LINE INTERFACE DEFINE FUNCTIONS USING THE FUN TOOL TO REPRESENT REPEATED CALCULATIONS DISCOVER ATOMS PATTERN MATCHING AND GUARDS THE FOUNDATIONS OF YOUR PROGRAM STRUCTURE DELVE INTO THE HEART OF ERLANG PROCESSING WITH RECURSION STRINGS LISTS AND HIGHER ORDER FUNCTIONS CREATE PROCESSES SEND MESSAGES AMONG THEM AND APPLY PATTERN MATCHING TO INCOMING MESSAGES STORE AND MANIPULATE STRUCTURED DATA WITH ERLANG TERM STORAGE AND THE Mnesia DATABASE LEARN ABOUT OPEN TELECOM PLATFORM ERLANG S OPEN SOURCE LIBRARIES AND TOOLS

RNA METABOLISM IN NEURODEGENERATIVE DISEASES

2018-06-18

IT HAS BECOME EVIDENT OVER THE LAST YEARS THAT ABNORMALITIES IN RNA PROCESSING PLAY A FUNDAMENTAL PART IN THE PATHOGENESIS OF NEURODEGENERATIVE DISEASES CELLULAR VIABILITY DEPENDS ON PROPER REGULATION OF RNA METABOLISM AND SUBSEQUENT PROTEIN SYNTHESIS WHICH REQUIRES THE INTERPLAY OF MANY PROCESSES INCLUDING TRANSCRIPTION PRE MRNA SPLICING MRNA EDITING AS WELL AS MRNA STABILITY TRANSPORT AND TRANSLATION DYSFUNCTION IN ANY OF THESE PROCESSES OFTEN CAUSED BY MUTATIONS IN THE CODING AND NON CODING RNAs CAN BE VERY DESTRUCTIVE TO THE CELLULAR ENVIRONMENT AND CONSEQUENTLY IMPAIR NEURAL VIABILITY THE RESULT OF THIS RNA TOXICITY CAN LEAD TO A TOXIC GAIN OF FUNCTION OR A LOSS OF FUNCTION DEPENDING ON THE NATURE OF THE MUTATION FOR EXAMPLE IN REPEAT EXPANSION DISORDERS SUCH AS THE NEWLY DISCOVERED HEXANUCLEOTIDE REPEAT EXPANSION IN THE C9orf72 GENE FOUND IN AMYOTROPHIC LATERAL SCLEROSIS ALS AND FRONTOTEMPORAL DEMENTIA FTD A TOXIC GAIN OF FUNCTION LEADS TO THE FORMATION OF RNA FOCI AND THE SEQUESTRATION OF RNA BINDING PROTEINS RBPS THIS IN RETURN LEADS TO A LOSS OF FUNCTION OF THOSE RBPS WHICH IS HYPOTHESIZED TO PLAY A SIGNIFICANT PART IN THE DISEASE PROGRESSION OF ALS AND FTD OTHER TOXICITIES ARISING FROM REPEAT EXPANSIONS ARE THE FORMATION OF RNA FOCI BI DIRECTIONAL TRANSCRIPTION AND PRODUCTION OF REPEAT ASSOCIATED NON ATG RAN TRANSLATION PRODUCTS THIS BOOK WILL TOUCH UPON MOST OF THESE

2016-10-04

10/17

ERLANG PROGRAMMING FRANCESCO CESARINI

DISEASE MECHANISMS TRIGGERED BY ABERRANT RNA METABOLISM AND WILL THEREFORE PROVIDE A BROAD PERSPECTIVE OF THE ROLE OF RNA PROCESSING AND ITS DYSFUNCTION IN A VARIETY OF NEURODEGENERATIVE DISORDERS INCLUDING ALS FTD ALZHEIMER S DISEASE HUNTINGTON S DISEASE SPINAL MUSCULAR ATROPHY MYOTONIC DYSTROPHY AND ATAXIAS THE PROPOSED AUTHORS ARE LEADING SCIENTISTS IN THE FIELD AND ARE EXPECTED TO NOT ONLY DISCUSS THEIR OWN WORK BUT TO BE INCLUSIVE OF HISTORIC AS WELL AS LATE BREAKING DISCOVERIES THE COMPILED CHAPTERS WILL THEREFORE PROVIDE A UNIQUE COLLECTION OF NOVEL STUDIES AND HYPOTHESES AIMED TO DESCRIBE THE CONSEQUENCES OF ALTERED RNA PROCESSING EVENTS AND ITS NEWEST MOLECULAR PLAYERS AND PATHWAYS

ZONE TO WIN

2015-11-03

OVER THE LAST 25 YEARS GEOFFREY MOORE HAS ESTABLISHED HIMSELF AS ONE OF THE MOST INFLUENTIAL HIGH TECH ADVISORS IN THE WORLD ONCE PROMPTING CONAN O BRIEN TO ASK WHO IS GEOFFREY MOORE AND WHY IS HE MORE FAMOUS THAN ME FOLLOWING UP ON THE FEROCIOUSLY INNOVATIVE ESCAPE VELOCITY WHICH SERVED AS THE BASIS FOR MOORE S CONSULTING WORK TO SUCH COMPANIES AS SALESFORCE MICROSOFT AND INTEL ZONE TO WIN SERVES AS THE COMPANION PLAYBOOK FOR HIS LANDMARK GUIDE OFFERING A PRACTICAL MANUAL TO ADDRESS THE CHALLENGE LARGE ENTERPRISES FACE WHEN THEY SEEK TO ADD A NEW LINE OF BUSINESS TO THEIR ESTABLISHED PORTFOLIO FOCUSED ON SPURRING NEXT GENERATION GROWTH GUIDING MERGERS AND ACQUISITIONS AND EMBRACING DISRUPTION AND INNOVATION ZONE TO WIN IS A HIGH POWERED TOOL FOR DRIVING YOUR COMPANY ABOVE AND BEYOND ITS LIMITATIONS ITS DEFINITIONS OF SUCCESS AND ULTIMATELY ITS COMPETITORS MOORE S CLASSIC BESTSELLER CROSSING THE CHASM HAS SOLD MORE THAN ONE MILLION COPIES BY ADDRESSING THE CHALLENGES FACED BY START UP COMPANIES NOW ZONE TO WIN IS SET TO GUIDE ESTABLISHED ENTERPRISES THROUGH THE SAME JOURNEY FOR ANY COMPANY REGARDLESS OF SIZE OR INDUSTRY ZONE TO WIN IS THE PLAYBOOK FOR SUCCEEDING IN TODAY S DISRUPTIVE CONNECTED FAST PACED BUSINESS WORLD MARC BENIOFF CEO SALESFORCE ONCE AGAIN GEOFFREY MOORE WEIGHS IN WITH A PRESIDENT EXAMINATION OF WHAT IT TAKES TO WIN IN TODAY S COMPETITIVE DISRUPTIVE BUSINESS ENVIRONMENT SATYA NADELLA CEO MICROSOFT WITH THIS BOOK GEOFFREY MOORE CONTINUES TO LEAD US ALL THROUGH EVER CHANGING TIMES HIS WORK HAS CHANGED THE GAME OF CHANGING THE GAME GARY KOVACS CEO AVG ZONE TO WIN USES CRYSTAL CLEAR LANGUAGE TO DESCRIBE THE MANAGEMENT PLAYS NECESSARY TO WIN IN AN EVER DISRUPTING MARKETPLACE REGARDLESS OF YOUR LEVEL OF MANAGEMENT EXPERIENCE YOU WILL FIND THIS BOOK AN INVALUABLE TOOL FOR BUILDING LONG TERM SUCCESS FOR YOUR BUSINESS LIP BU TAN PRESIDENT AND CEO CADENCE DESIGN SYSTEMS

INTRODUCING ELIXIR

2014-09-10

ELIXIR IS AN EXCELLENT LANGUAGE IF YOU WANT TO LEARN ABOUT FUNCTIONAL PROGRAMMING AND WITH THIS HANDS ON INTRODUCTION YOU LL DISCOVER JUST HOW POWERFUL AND FUN ELIXIR CAN BE THIS LANGUAGE COMBINES THE ROBUST FUNCTIONAL PROGRAMMING OF ERLANG WITH A SYNTAX SIMILAR TO RUBY AND INCLUDES POWERFUL FEATURES FOR METAPROGRAMMING THIS BOOK SHOWS YOU HOW TO WRITE SIMPLE ELIXIR PROGRAMS BY TEACHING ONE SKILL AT A TIME ONCE YOU PICK UP PATTERN MATCHING PROCESS ORIENTED PROGRAMMING AND OTHER CONCEPTS YOU LL UNDERSTAND WHY ELIXIR MAKES IT EASIER TO BUILD CONCURRENT AND RESILIENT PROGRAMS THAT SCALE UP AND DOWN WITH EASE GET COMFORTABLE WITH IEX ELIXIR S COMMAND LINE INTERFACE DISCOVER ATOMS PATTERN MATCHING AND GUARDS THE FOUNDATIONS OF YOUR PROGRAM STRUCTURE DELVE INTO THE HEART OF ELIXIR WITH RECURSION STRINGS LISTS AND HIGHER ORDER FUNCTIONS CREATE PROCESSES SEND MESSAGES AMONG THEM AND APPLY PATTERN MATCHING TO INCOMING MESSAGES STORE AND MANIPULATE STRUCTURED DATA WITH ERLANG TERM STORAGE AND THE Mnesia DATABASE BUILD RESILIENT APPLICATIONS WITH ERLANG S OPEN TELECOM PLATFORM DEFINE MACROS WITH ELIXIR S METAPROGRAMMING TOOLS

PROGRAMMING ERLANG

2013-09-23

A MULTI USER GAME WEB SITE CLOUD APPLICATION OR NETWORKED DATABASE CAN HAVE THOUSANDS OF USERS ALL INTERACTING AT THE SAME TIME YOU NEED A POWERFUL INDUSTRIAL STRENGTH TOOL TO HANDLE THE REALLY HARD PROBLEMS INHERENT IN PARALLEL CONCURRENT ENVIRONMENTS YOU NEED ERLANG IN THIS SECOND EDITION OF THE BESTSELLING PROGRAMMING ERLANG YOU LL LEARN HOW TO WRITE PARALLEL PROGRAMS THAT SCALE EFFORTLESSLY ON MULTICORE SYSTEMS USING ERLANG YOU LL BE SURPRISED AT HOW EASY IT BECOMES TO DEAL WITH PARALLEL PROBLEMS AND HOW MUCH FASTER AND MORE EFFICIENTLY YOUR PROGRAMS RUN THAT S BECAUSE ERLANG USES SETS OF PARALLEL PROCESSES NOT A SINGLE SEQUENTIAL PROCESS AS FOUND IN MOST PROGRAMMING LANGUAGES JOE ARMSTRONG CREATOR OF ERLANG INTRODUCES THIS POWERFUL LANGUAGE IN SMALL STEPS GIVING YOU A COMPLETE OVERVIEW OF ERLANG AND HOW TO USE IT IN COMMON SCENARIOS YOU LL START WITH SEQUENTIAL PROGRAMMING MOVE TO PARALLEL PROGRAMMING AND HANDLING ERRORS IN PARALLEL PROGRAMS AND LEARN TO WORK CONFIDENTLY WITH DISTRIBUTED PROGRAMMING AND THE STANDARD ERLANG OPEN TELECOM PLATFORM OTP FRAMEWORKS YOU NEED NO PREVIOUS KNOWLEDGE OF FUNCTIONAL OR PARALLEL PROGRAMMING THE CHAPTERS ARE PACKED WITH HANDS ON REAL WORLD TUTORIAL EXAMPLES AND INSIDER TIPS AND ADVICE AND FINISH WITH EXERCISES FOR BOTH BEGINNING AND ADVANCED USERS THE SECOND EDITION HAS BEEN EXTENSIVELY REWRITTEN NEW TO THIS EDITION ARE SEVEN CHAPTERS COVERING THE LATEST ERLANG FEATURES MAPS THE TYPE SYSTEM AND THE DIALYZER WEBSOCKETS PROGRAMMING IDIOMS AND A NEW STAND ALONE EXECUTION ENVIRONMENT YOU LL WRITE PROGRAMS THAT DYNAMICALLY DETECT AND CORRECT ERRORS AND THAT CAN BE UPGRADED WITHOUT STOPPING THE SYSTEM THERE S ALSO COVERAGE OF REBAR THE DE FACTO ERLANG BUILD SYSTEM AND INFORMATION ON HOW TO SHARE AND USE ERLANG PROJECTS ON GITHUB ILLUSTRATED WITH EXAMPLES FROM COWBOY AND BITCASK ERLANG WILL CHANGE YOUR VIEW OF THE WORLD AND OF HOW YOU PROGRAM WHAT YOU NEED THE ERLANG OTP SYSTEM DOWNLOAD IT FROM ERLANG.ORG

PROCEEDINGS OF THE 2009 VIDEO WORKSHOP ON COMMERCIAL USERS OF FUNCTIONAL PROGRAMMING

2009-08-31

ICFP 09 ACM SIGPLAN INTERNATIONAL CONFERENCE ON FUNCTIONAL PROGRAMMING AUG 31 2009 SEP 02 2009 EDINBURGH UNITED KINGDOM YOU CAN VIEW MORE INFORMATION ABOUT THIS PROCEEDING AND ALL OF ACM'S OTHER PUBLISHED CONFERENCE PROCEEDINGS FROM THE ACM DIGITAL LIBRARY ACM.ORG/DL

CENTRAL EUROPEAN FUNCTIONAL PROGRAMMING SCHOOL

2011-01-04

THE PEER REVIEWED PAPERS FEATURED IN THIS VOLUME WERE CHOSEN FROM THE REVISED NOTES OF LECTURES GIVEN AT THE THIRD CEFP SCHOOL IN 2009 THEY COVER A NUMBER OF TOPICS SUCH AS DESIGN PATTERNS SEMANTICS TYPES AND ADVANCED PROGRAMMING IN VARIOUS FP LANGUAGES

EXERCISES IN PROGRAMMING STYLE

2020-08-30

USING A SIMPLE COMPUTATIONAL TASK TERM FREQUENCY TO ILLUSTRATE DIFFERENT PROGRAMMING STYLES EXERCISES IN PROGRAMMING STYLE HELPS READERS UNDERSTAND THE VARIOUS WAYS OF WRITING PROGRAMS AND DESIGNING SYSTEMS IT IS DESIGNED TO BE USED IN CONJUNCTION WITH CODE PROVIDED ON AN ONLINE REPOSITORY THE BOOK COMPLEMENTS AND EXPLAINS THE RAW CODE IN A WAY THAT IS ACCESSIBLE TO ANYONE WHO REGULARLY PRACTICES THE ART OF PROGRAMMING THE FIRST EDITION WAS HONORED AS AN ACM NOTABLE BOOK AND PRAISED AS THE BEST PROGRAMMING BOOK OF THE DECADE THIS NEW EDITION WILL RETAIN THE SAME PRESENTATION BUT THE ENTIRE BOOK WILL BE UPGRADED TO PYTHON 3 AND A NEW SECTION WILL BE ADDED ON NEURAL NETWORK STYLES THE BOOK CONTAINS 33 DIFFERENT STYLES FOR WRITING THE TERM FREQUENCY TASK THE STYLES ARE GROUPED INTO NINE CATEGORIES HISTORICAL BASIC FUNCTION COMPOSITION OBJECTS AND OBJECT INTERACTIONS REFLECTION AND METAPROGRAMMING ADVERSITY DATA CENTRIC CONCURRENCY AND INTERACTIVITY THE AUTHOR VERBALIZES THE CONSTRAINTS IN EACH STYLE AND EXPLAINS THE EXAMPLE PROGRAMS EACH CHAPTER FIRST PRESENTS THE CONSTRAINTS OF THE STYLE NEXT SHOWS AN EXAMPLE PROGRAM AND THEN GIVES A DETAILED EXPLANATION OF THE CODE MOST CHAPTERS ALSO HAVE SECTIONS FOCUSING ON THE USE OF THE STYLE IN SYSTEMS DESIGN AS WELL AS SECTIONS DESCRIBING THE HISTORICAL CONTEXT IN WHICH THE PROGRAMMING STYLE EMERGED

ERLANG AND ELIXIR FOR IMPERATIVE PROGRAMMERS

2016-11-26

LEARN AND UNDERSTAND ERLANG AND ELIXIR AND DEVELOP A WORKING KNOWLEDGE OF THE CONCEPTS OF FUNCTIONAL PROGRAMMING THAT UNDERPIN THEM THIS BOOK TAKES THE AUTHOR'S EXPERIENCE OF TAKING ON A PROJECT THAT REQUIRED FUNCTIONAL PROGRAMMING AND REAL TIME SYSTEMS BREAKS IT DOWN AND ORGANIZES IT YOU WILL GET THE NECESSARY KNOWLEDGE ABOUT DIFFERENCES TO THE LANGUAGES YOU KNOW WHERE TO START AND WHERE TO GO NEXT HAVE YOU BEEN TOLD BY YOUR CUSTOMER OR MANAGER THAT THEY HEARD GOOD THINGS ABOUT ERLANG YOU SHOULD USE IT FOR THE NEXT PROJECT NEVER HAD TO DEAL WITH FUNCTIONAL PROGRAMMING OR REAL TIME SYSTEMS IN 2014 THE AUTHOR WOLFGANG LODER DEVELOPED A REPOSITORY FOR DIGITAL ASSETS THAT HAD TO DELIVER THOSE ASSETS IN BINARY FORM QUICKLY AND RELIABLY BEING ABLE TO DEAL WITH AT LEAST HUNDREDS OF REQUESTS PER SECOND SINCE HE COULD DECIDE THE ARCHITECTURE AND SOFTWARE STACK OF THE SOLUTION HE IMMEDIATELY THOUGHT OF ERLANG AND ITS LIBRARIES AND STARTED TO EVALUATE THIS OPTION IT WAS NOT LONG AFTER THAT HE DISCOVERED ELIXIR WHICH SITS ON TOP OF THE ERLANG VIRTUAL MACHINE AND HAS FEATURES MORE PALATABLE FOR NON FUNCTIONAL PROGRAMMERS ALTHOUGH IT IS A FUNCTIONAL PROGRAMMING LANGUAGE ITSELF ERLANG AND ELIXIR FOR IMPERATIVE PROGRAMMERS GIVES YOU A BASIS FOR DECIDING WHETHER THE EFFORT IS VIABLE FOR YOUR NEXT PROJECT THIS BOOK IS PARTLY A TALE OF THE AUTHOR'S OWN EXPERIENCE AND PARTLY A DESCRIPTION OF THE BIGGER AND MORE SUBTLE DIFFERENCES BETWEEN ERLANG ELIXIR AND LANGUAGES SUCH AS C# JAVA AND C WHAT YOU WILL LEARN DISCOVER FUNCTIONAL PROGRAMMING ERLANG AND ELIXIR WORK ON SERVICE DESIGN AND SERVICE FEATURES SET UP YOUR ENVIRONMENT DEPLOYMENT DEVELOPMENT AND PRODUCTION IMPLEMENT THE SERVICE INCLUDING PUBLIC INTERFACE ASSET PROCESSING AND DEPLOYMENT USE THE PATTERNS AND CONCEPTS FOUND IN ERLANG INCLUDING TYPE CREATION CONCEPTS AND CODE STRUCTURING WHO THIS BOOK IS FOR EXPERIENCED AND SAVVY PROGRAMMERS CODERS AND DEVELOPERS NEW TO ERLANG AND ELIXIR

PROPERTY-BASED TESTING WITH PROPÉR, ERLANG, AND ELIXIR

2019-01-17

PROPERTY BASED TESTING HELPS YOU CREATE BETTER MORE SOLID TESTS WITH LITTLE CODE BY USING THE PROPER FRAMEWORK IN BOTH ERLANG AND ELIXIR THIS BOOK TEACHES YOU HOW TO AUTOMATICALLY GENERATE TEST CASES

TEST STATEFUL PROGRAMS AND CHANGE HOW YOU DESIGN YOUR SOFTWARE FOR MORE PRINCIPLED AND RELIABLE APPROACHES YOU WILL BE ABLE TO BETTER EXPLORE THE PROBLEM SPACE VALIDATE THE ASSUMPTIONS YOU MAKE WHEN COMING UP WITH PROGRAM BEHAVIOR AND EXPOSE UNEXPECTED WEAKNESSES IN YOUR DESIGN PROPER WILL EVEN SHOW YOU HOW TO REPRODUCE THE BUGS IT FOUND WITH THIS BOOK YOU WILL BE WRITING EFFICIENT PROPERTY BASED TESTS IN NO TIME MOST TESTS ONLY DEMONSTRATE THAT THE CODE BEHAVES HOW THE DEVELOPER EXPECTED IT TO BEHAVE AND THEREFORE CARRY THE SAME BLIND SPOTS AS THEIR AUTHORS WHEN SPECIAL CONDITIONS OR EDGE CASES SHOW UP LEARN HOW TO SEE THINGS DIFFERENTLY WITH PROPERTY TESTS WRITTEN IN PROPER START WITH THE BASICS OF PROPERTY TESTS SUCH AS WRITING STATELESS PROPERTIES AND USING THE DEFAULT GENERATORS TO GENERATE TEST CASES AUTOMATICALLY MORE IMPORTANTLY LEARN HOW TO THINK IN PROPERTIES IMPROVE YOUR PROPERTIES WRITE CUSTOM DATA GENERATORS AND DISCOVER WHAT YOUR CODE CAN OR CANNOT DO LEARN WHEN TO USE PROPERTY TESTS AND WHEN TO STICK WITH EXAMPLE TESTS WITH REAL WORLD SAMPLE PROJECTS EXPLORE VARIOUS TESTING APPROACHES TO FIND THE ONE THAT S BEST FOR YOUR CODE SHRINK FAILING TEST CASES TO THEIR SIMPLER EXPRESSION TO HIGHLIGHT EXACTLY WHAT BREAKS IN YOUR CODE AND GENERATE HIGHLY RELEVANT DATA THROUGH TARGETED PROPERTIES UNCOVER THE TRICKIEST BUGS YOU CAN THINK OF WITH NEARLY NO CODE AT ALL WITH TWO SPECIAL TYPES OF PROPERTIES BASED ON STATE TRANSITIONS AND FINITE STATE MACHINES WRITE ERLANG AND ELIXIR PROPERTIES THAT GENERATE THE MOST EFFECTIVE TESTS YOU LL SEE WHETHER THEY ARE UNIT TESTS OR COMPLEX INTEGRATION AND SYSTEM TESTS WHAT YOU NEED BASIC KNOWLEDGE OF ERLANG OPTIONALLY ELIXIRFOR ERLANG TESTS ERLANG OTP 20 0 WITH REBAR 3 4 0FOR ELIXIR TESTS ERLANG OTP 20 0 ELIXIR 1 5 0

ELM IN ACTION

2020-04-04

SUMMARY ELM IS MORE THAN JUST A CUTTING EDGE PROGRAMMING LANGUAGE IT S A CHANCE TO UPGRADE THE WAY YOU THINK ABOUT BUILDING WEB APPLICATIONS ONCE YOU GET COMFORTABLE WITH ELM S REFRESHINGLY DIFFERENT APPROACH TO APPLICATION DEVELOPMENT YOU LL BE WORKING WITH A CLEAN SYNTAX DEPENDABLE LIBRARIES AND A DELIGHTFUL COMPILER THAT ESSENTIALLY ELIMINATES RUNTIME EXCEPTIONS ELM COMPILES TO JAVASCRIPT SO YOUR CODE RUNS IN ANY BROWSER AND ELM S BEST IN CLASS RENDERING SPEED WILL KNOCK YOUR SOCKS OFF LET S GET STARTED PURCHASE OF THE PRINT BOOK INCLUDES A FREE EBOOK IN PDF KINDLE AND EPUB FORMATS FROM MANNING PUBLICATIONS ABOUT THE TECHNOLOGY SIMPLY PUT THE ELM PROGRAMMING LANGUAGE TRANSFORMS THE WAY YOU THINK ABOUT FRONTEND WEB DEVELOPMENT ELM S LEGENDARY COMPILER IS AN INCREDIBLE ASSISTANT GIVING YOU THE PRECISE AND USER FRIENDLY SUPPORT YOU NEED TO WORK EFFICIENTLY ELM APPLICATIONS HAVE SMALL BUNDLE SIZES THAT RUN FASTER THAN JAVASCRIPT FRAMEWORKS AND ARE FAMOUSLY EASY TO MAINTAIN AS THEY GROW THE CATCH ELM ISN T JAVASCRIPT SO YOU LL HAVE SOME NEW SKILLS TO LEARN ABOUT THE BOOK ELM IN ACTION TEACHES YOU THE ELM LANGUAGE ALONG WITH A NEW APPROACH TO CODING FRONTEND APPLICATIONS CHAPTER BY CHAPTER YOU LL CREATE A FULL FEATURED PHOTO BROWSING APP LEARNING AS YOU GO ABOUT ELM S MODULAR ARCHITECTURE ELM TESTING AND HOW TO WORK SEAMLESSLY WITH YOUR FAVORITE JAVASCRIPT LIBRARIES YOU LL ESPECIALLY APPRECIATE AUTHOR AND ELM CORE TEAM MEMBER RICHARD FELDMAN S UNIQUE INSIGHTS BASED ON HIS THOUSANDS OF HOURS WRITING PRODUCTION CODE IN ELM WHEN YOU RE DONE YOU LL HAVE A TOOLBOX OF NEW DEVELOPMENT SKILLS AND A STUNNING WEB APP FOR YOUR PORTFOLIO WHAT S INSIDE SCALABLE DESIGN FOR PRODUCTION WEB APPLICATIONS SINGLE PAGE APPLICATIONS IN ELM DATA MODELING IN ELM ACCESSING JAVASCRIPT FROM ELM ABOUT THE READER FOR WEB DEVELOPERS WITH NO PRIOR EXPERIENCE IN ELM OR FUNCTIONAL PROGRAMMING ABOUT THE AUTHOR RICHARD FELDMAN IS A SOFTWARE ENGINEER AT NOREDINK AND A WELL KNOWN MEMBER OF THE ELM COMMUNITY TABLE OF CONTENTS PART 1 GETTING STARTED 1 WELCOME TO ELM 2 YOUR FIRST ELM APPLICATION 3 COMPILER AS ASSISTANT PART 2 PRODUCTION GRADE ELM 4 TALKING TO SERVERS 5 TALKING TO JAVASCRIPT 6 TESTING PART 3 BUILDING BIGGER 7 DATA MODELING 8 SINGLE PAGE APPLICATIONS

DESIGNING FOR SCALABILITY WITH ERLANG/OTP

2016-05-16

IF YOU NEED TO BUILD A SCALABLE FAULT TOLERANT SYSTEM WITH REQUIREMENTS FOR HIGH AVAILABILITY DISCOVER WHY THE ERLANG OTP PLATFORM STANDS OUT FOR THE BREADTH DEPTH AND CONSISTENCY OF ITS FEATURES THIS HANDS ON GUIDE DEMONSTRATES HOW TO USE THE ERLANG PROGRAMMING LANGUAGE AND ITS OTP FRAMEWORK OF REUSABLE LIBRARIES TOOLS AND DESIGN PRINCIPLES TO DEVELOP COMPLEX COMMERCIAL GRADE SYSTEMS THAT SIMPLY CANNOT FAIL IN THE FIRST PART OF THE BOOK YOU LL LEARN HOW TO DESIGN AND IMPLEMENT PROCESS BEHAVIORS AND SUPERVISION TREES WITH ERLANG OTP AND BUNDLE THEM INTO STANDALONE NODES THE SECOND PART ADDRESSES RELIABILITY SCALABILITY AND HIGH AVAILABILITY IN YOUR OVERALL SYSTEM DESIGN IF YOU RE FAMILIAR WITH ERLANG THIS BOOK WILL HELP YOU UNDERSTAND THE DESIGN CHOICES AND TRADE OFFS NECESSARY TO KEEP YOUR SYSTEM RUNNING EXPLORE OTP S BUILDING BLOCKS THE ERLANG LANGUAGE TOOLS AND LIBRARIES COLLECTION AND ITS ABSTRACT PRINCIPLES AND DESIGN RULES DIVE INTO THE FUNDAMENTALS OF OTP REUSABLE FRAMEWORKS THE ERLANG PROCESS STRUCTURES OTP USES FOR BEHAVIORS UNDERSTAND HOW OTP BEHAVIORS SUPPORT CLIENT SERVER STRUCTURES FINITE STATE MACHINE PATTERNS EVENT HANDLING AND RUNTIME CODE INTEGRATION WRITE YOUR OWN BEHAVIORS AND SPECIAL PROCESSES USE OTP S TOOLS TECHNIQUES AND ARCHITECTURES TO HANDLE DEPLOYMENT MONITORING AND OPERATIONS

DESIGNING GAMES

2013-01-03

READY TO GIVE YOUR DESIGN SKILLS A REAL BOOST THIS EYE OPENING BOOK HELPS YOU EXPLORE THE DESIGN STRUCTURE BEHIND MOST OF TODAY S HIT VIDEO GAMES YOU LL LEARN PRINCIPLES AND PRACTICES FOR CRAFTING GAMES THAT GENERATE EMOTIONALLY CHARGED EXPERIENCES A COMBINATION OF ELEGANT GAME MECHANICS COMPELLING FICTION AND PACE THAT FULLY IMMERSSES PLAYERS IN CLEAR AND APPROACHABLE PROSE DESIGN PRO TYNAN SYLVESTER ALSO LOOKS AT THE DAY TO DAY PROCESS NECESSARY TO KEEP YOUR PROJECT ON TRACK INCLUDING HOW TO WORK WITH A TEAM AND HOW TO AVOID CREATIVE DEAD ENDS PACKED WITH EXAMPLES THIS BOOK WILL CHANGE YOUR

PERCEPTION OF GAME DESIGN CREATE GAME MECHANICS TO TRIGGER A RANGE OF EMOTIONS AND PROVIDE A VARIETY OF PLAY EXPLORE SEVERAL OPTIONS FOR COMBINING NARRATIVE WITH INTERACTIVITY BUILD INTERACTIONS THAT LET MULTIPLAYER GAMERS GET INTO EACH OTHER S HEADS MOTIVATE PLAYERS THROUGH REWARDS THAT ALIGN WITH THE REST OF THE GAME ESTABLISH A METAPHOR VOCABULARY TO HELP PLAYERS LEARN WHICH DESIGN ASPECTS ARE GAME MECHANICS PLAN TEST AND ANALYZE YOUR DESIGN THROUGH ITERATION RATHER THAN DECIDING EVERYTHING UP FRONT LEARN HOW YOUR GAME S MARKET POSITIONING WILL AFFECT YOUR DESIGN

DYNAMIC HTML

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THIS TEXT IS AN INDISPENSABLE COMPENDIUM FOR CONTENT DEVELOPERS IT CONTAINS EVERYTHING YOU NEED TO CREATE FUNCTIONAL CROSS PLATFORM APPLICATIONS

THE PRAGMATIC PROGRAMMER

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WHAT OTHERS IN THE TRENCHES SAY ABOUT THE PRAGMATIC PROGRAMMER THE COOL THING ABOUT THIS BOOK IS THAT IT S GREAT FOR KEEPING THE PROGRAMMING PROCESS FRESH THE BOOK HELPS YOU TO CONTINUE TO GROW AND CLEARLY COMES FROM PEOPLE WHO HAVE BEEN THERE KENT BECK AUTHOR OF EXTREME PROGRAMMING EXPLAINED EMBRACE CHANGE I FOUND THIS BOOK TO BE A GREAT MIX OF SOLID ADVICE AND WONDERFUL ANALOGIES MARTIN FOWLER AUTHOR OF REFACTURING AND UML DISTILLED I WOULD BUY A COPY READ IT TWICE THEN TELL ALL MY COLLEAGUES TO RUN OUT AND GRAB A COPY THIS IS A BOOK I WOULD NEVER LOAN BECAUSE I WOULD WORRY ABOUT IT BEING LOST KEVIN RULAND MANAGEMENT SCIENCE MSG LOGISTICS THE WISDOM AND PRACTICAL EXPERIENCE OF THE AUTHORS IS OBVIOUS THE TOPICS PRESENTED ARE RELEVANT AND USEFUL BY FAR ITS GREATEST STRENGTH FOR ME HAS BEEN THE OUTSTANDING ANALOGIES TRACER BULLETS BROKEN WINDOWS AND THE FABULOUS HELICOPTER BASED EXPLANATION OF THE NEED FOR ORTHOGONALITY ESPECIALLY IN A CRISIS SITUATION I HAVE LITTLE DOUBT THAT THIS BOOK WILL EVENTUALLY BECOME AN EXCELLENT SOURCE OF USEFUL INFORMATION FOR JOURNEYMEN PROGRAMMERS AND EXPERT MENTORS ALIKE JOHN LAKOS AUTHOR OF LARGE SCALE C SOFTWARE DESIGN THIS IS THE SORT OF BOOK I WILL BUY A DOZEN COPIES OF WHEN IT COMES OUT SO I CAN GIVE IT TO MY CLIENTS ERIC VOUGHT SOFTWARE ENGINEER MOST MODERN BOOKS ON SOFTWARE DEVELOPMENT FAIL TO COVER THE BASICS OF WHAT MAKES A GREAT SOFTWARE DEVELOPER INSTEAD SPENDING THEIR TIME ON SYNTAX OR TECHNOLOGY WHERE IN REALITY THE GREATEST LEVERAGE POSSIBLE FOR ANY SOFTWARE TEAM IS IN HAVING TALENTED DEVELOPERS WHO REALLY KNOW THEIR CRAFT WELL AN EXCELLENT BOOK PETE MCBREEN INDEPENDENT CONSULTANT SINCE READING THIS BOOK I HAVE IMPLEMENTED MANY OF THE PRACTICAL SUGGESTIONS AND TIPS IT CONTAINS ACROSS THE BOARD THEY HAVE SAVED MY COMPANY TIME AND MONEY WHILE HELPING ME GET MY JOB DONE QUICKER THIS SHOULD BE A DESKTOP REFERENCE FOR EVERYONE WHO WORKS WITH CODE FOR A LIVING JARED RICHARDSON SENIOR SOFTWARE DEVELOPER IRENAISSANCE INC I WOULD LIKE TO SEE THIS ISSUED TO EVERY NEW EMPLOYEE AT MY COMPANY CHRIS CLEELAND SENIOR SOFTWARE ENGINEER OBJECT COMPUTING INC IF I M PUTTING TOGETHER A PROJECT IT S THE AUTHORS OF THIS BOOK THAT I WANT AND FAILING THAT I D SETTLE FOR PEOPLE WHO VE READ THEIR BOOK WARD CUNNINGHAM STRAIGHT FROM THE PROGRAMMING TRENCHES THE PRAGMATIC PROGRAMMER CUTS THROUGH THE INCREASING SPECIALIZATION AND TECHNICALITIES OF MODERN SOFTWARE DEVELOPMENT TO EXAMINE THE CORE PROCESS TAKING A REQUIREMENT AND PRODUCING WORKING MAINTAINABLE CODE THAT DELIGHTS ITS USERS IT COVERS TOPICS RANGING FROM PERSONAL RESPONSIBILITY AND CAREER DEVELOPMENT TO ARCHITECTURAL TECHNIQUES FOR KEEPING YOUR CODE FLEXIBLE AND EASY TO ADAPT AND REUSE READ THIS BOOK AND YOU LL LEARN HOW TO FIGHT SOFTWARE ROT AVOID THE TRAP OF DUPLICATING KNOWLEDGE WRITE FLEXIBLE DYNAMIC AND ADAPTABLE CODE AVOID PROGRAMMING BY COINCIDENCE BULLET PROOF YOUR CODE WITH CONTRACTS ASSERTIONS AND EXCEPTIONS CAPTURE REAL REQUIREMENTS TEST RUTHLESSLY AND EFFECTIVELY DELIGHT YOUR USERS BUILD TEAMS OF PRAGMATIC PROGRAMMERS AND MAKE YOUR DEVELOPMENTS MORE PRECISE WITH AUTOMATION WRITTEN AS A SERIES OF SELF CONTAINED SECTIONS AND FILLED WITH ENTERTAINING ANECDOTES THOUGHTFUL EXAMPLES AND INTERESTING ANALOGIES THE PRAGMATIC PROGRAMMER ILLUSTRATES THE BEST PRACTICES AND MAJOR PITFALLS OF MANY DIFFERENT ASPECTS OF SOFTWARE DEVELOPMENT WHETHER YOU RE A NEW CODER AN EXPERIENCED PROGRAMMER OR A MANAGER RESPONSIBLE FOR SOFTWARE PROJECTS USE THESE LESSONS DAILY AND YOU LL QUICKLY SEE IMPROVEMENTS IN PERSONAL PRODUCTIVITY ACCURACY AND JOB SATISFACTION YOU LL LEARN SKILLS AND DEVELOP HABITS AND ATTITUDES THAT FORM THE FOUNDATION FOR LONG TERM SUCCESS IN YOUR CAREER YOU LL BECOME A PRAGMATIC PROGRAMMER

STRATEGIC MONOLITHS AND MICROSERVICES

2021-10-27

MAKE SOFTWARE ARCHITECTURE CHOICES THAT MAXIMIZE VALUE AND INNOVATION VERNON AND JASKU^[2] A PROVIDE INSIGHTS TOOLS PROVEN BEST PRACTICES AND ARCHITECTURE STYLES BOTH FROM THE BUSINESS AND ENGINEERING VIEWPOINT THIS BOOK DESERVES TO BECOME A MUST READ FOR PRACTICING SOFTWARE ENGINEERS EXECUTIVES AS WELL AS SENIOR MANAGERS MICHAEL STAL CERTIFIED SENIOR SOFTWARE ARCHITECT SIEMENS TECHNOLOGY STRATEGIC MONOLITHS AND MICROSERVICES HELPS BUSINESS DECISION MAKERS AND TECHNICAL TEAM MEMBERS CLEARLY UNDERSTAND THEIR STRATEGIC PROBLEMS THROUGH COLLABORATION AND IDENTIFY OPTIMAL ARCHITECTURAL APPROACHES WHETHER THE APPROACH IS DISTRIBUTED MICROSERVICES WELL MODULARIZED MONOLITHS OR COARSER GRAINED SERVICES PARTWAY BETWEEN THE TWO LEADING SOFTWARE ARCHITECTURE EXPERTS VAUGHN VERNON AND TOMASZ JASKU^[2] A SHOW HOW TO MAKE BALANCED ARCHITECTURAL DECISIONS BASED ON NEED AND PURPOSE RATHER THAN HYPE SO YOU CAN PROMOTE VALUE AND INNOVATION DELIVER MORE EVOLVABLE SYSTEMS AND AVOID COSTLY MISTAKES USING REALISTIC EXAMPLES THEY SHOW HOW TO CONSTRUCT WELL DESIGNED MONOLITHS THAT ARE MAINTAINABLE AND EXTENSIBLE AND HOW TO GRADUALLY REDESIGN AND REIMPLEMENT EVEN THE MOST TANGLED LEGACY SYSTEMS INTO TRULY EFFECTIVE MICROSERVICES LINK SOFTWARE ARCHITECTURE PLANNING TO BUSINESS INNOVATION AND DIGITAL TRANSFORMATION OVERCOME COMMUNICATION PROBLEMS TO PROMOTE EXPERIMENTATION AND DISCOVERY BASED INNOVATION MASTER PRACTICES THAT SUPPORT YOUR VALUE GENERATING GOALS AND HELP YOU INVEST MORE STRATEGICALLY COMPARE ARCHITECTURAL STYLES THAT CAN LEAD TO VERSATILE ADAPTABLE APPLICATIONS AND SERVICES RECOGNIZE WHEN MONOLITHS ARE YOUR BEST OPTION AND HOW BEST TO ARCHITECT DESIGN AND IMPLEMENT THEM LEARN WHEN TO MOVE MONOLITHS TO MICROSERVICES AND HOW TO DO IT WHETHER

THEY RE MODULARIZED OR A BIG BALL OF MUD REGISTER YOUR BOOK FOR CONVENIENT ACCESS TO DOWNLOADS UPDATES AND OR CORRECTIONS AS THEY BECOME AVAILABLE SEE INSIDE BOOK FOR DETAILS

TRENDS IN FUNCTIONAL PROGRAMMING

2013-08-13

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED REVISED SELECTED PAPERS OF THE 13TH INTERNATIONAL SYMPOSIUM ON TRENDS IN FUNCTIONAL PROGRAMMING TFP 2012 HELD IN ST ANDREWS SCOTLAND UK IN JUNE 2012 THE 18 REVISED FULL PAPERS INCLUDED IN THIS VOLUME WERE CAREFULLY AND SELECTED FROM 49 SUBMISSIONS AND ARE COMPLEMENTED WITH AN INVITED PAPER THEY COVER VARIOUS ASPECTS OF TRENDS IN FUNCTIONAL PROGRAMMING

SOT COMPANION UNOFFICIAL APPS ERLANG ON GOOGLE PLAY SOT TREASURE TRACKER COMPANION APPS ON GOOGLE PLAY CESARINI SEA OF FRANCESCO THIEVES IS FINALLY ADDING PVE SERVERS CALLED SAFER SEAS AFTER 5 YEARS SEA OF THIEVES IS GIVING PLAYERS WHAT THEY VE CESARINI SEA OF THIEVES REVEALS FUTURE CESARINI PLANS FOR PLAYER GUILDS AND SOT COMPANION UNOFFICIAL ON THE APP PROGRAMMING STORE ERLANG SEA OF THIEVES FINALLY ADDING PRIVATE SERVERS GAME RANT SEA OF THIEVES NEXT SEASON ADDS A SAFER GAME MODE WITH NO ERLANG A REAL SEA OF THIEVES UNOFFICIAL GAME TRAILER 4k ERLANG YOUTUBE SEA OF THIEVES IS GETTING PRIVATE FRANCESCO SERVERS IN A PRIMA GAMES CESARINI SEA OF THIEVES SEASON TEN BRINGS COOPERATION COMPETITIVE SEA OF THIEVES UNOFFICIAL GAME FRANCESCO GUIDE BY MARC LE GOODREADS SEA OF THIEVES IS ADDING PVE ERLANG SERVERS IN SEASON 10 SEA OF THIEVES UNOFFICIAL GAME GUIDE ASSETS CESARINI DOCSEUCATION SET SAIL FOR SEA OF THIEVES NEXT COMMUNITY WEEKEND ON CESARINI COMING TO XBOX GAME CESARINI PASS PARTY ANIMALS GOTHAM KNIGHTS THIEF OF THIEVES SEASON ONE FOR NINTENDO SWITCH NINTENDO PROGRAMMING ACCESS FREE SEA OF THIEVES UNOFFICIAL GAME ERLANG GUIDE FREE COLTS RELEASE UNOFFICIAL DEPTH CHART WEEK CESARINI 3 GAME VS SEA FRANCESCO OF THIEVES UNOFFICIAL GAME GUIDE FLORIDA STATE UNIVERSITY

IF YOU ALLY COMPULSION SUCH A REFERRED **ERLANG PROGRAMMING FRANCESCO CESARINI** BOOK THAT WILL PRESENT YOU WORTH, ACQUIRE THE AGREED BEST SELLER FROM US CURRENTLY FROM SEVERAL PREFERRED AUTHORS. IF YOU WANT TO ENTERTAINING BOOKS, LOTS OF NOVELS, TALE, JOKES, AND MORE FICCTIONS COLLECTIONS ARE NEXT LAUNCHED, FROM BEST SELLER TO ONE OF THE MOST CURRENT RELEASED.

YOU MAY NOT BE PERPLEXED TO ENJOY EVERY BOOK COLLECTIONS ERLANG PROGRAMMING FRANCESCO CESARINI THAT WE WILL CERTAINLY OFFER. IT IS NOT WITH REFERENCE TO THE COSTS. ITS JUST ABOUT WHAT YOU COMPULSION CURRENTLY. THIS ERLANG PROGRAMMING FRANCESCO CESARINI, AS ONE OF THE MOST ON THE GO SELLERS HERE WILL NO QUESTION BE IN THE COURSE OF THE BEST OPTIONS TO REVIEW.