Test Driven Development By Example Kent Beck

Test-driven DevelopmentKent Beck's Guide to Better SmalltalkBeyond Software ArchitectureUser Stories AppliedContinuous IntegrationIntroduction to Programming and Object-Oriented Design Using JavaRefactoring to PatternsFluent PythonSimple Object-Oriented DesignPractical Development EnvironmentsAdvanced PHP ProgrammingExtreme Programming and Agile Processes in Software EngineeringExtreme Programming RefactoredByte WarsThe Robert C. Martin Clean Code Collection (Collection)Java Open Source ProgrammingDr. Dobb's JournalSmalltalk, Objects, and DesignTesting ASP.NET Web ApplicationsComponent Software Kent Beck Kent Beck Luke Hohmann Mike Cohn Duvall Jaime Ni¶o Joshua Kerievsky Luciano Ramalho Mauricio Aniche Matthew B. Doar George Schlossnagle Matt Stephens Edward Yourdon Robert C. Martin Joseph Walnes Chamond Liu Jeff McWherter Clemens Szyperski Test-driven Development Kent Beck's Guide to Better Smalltalk Beyond Software Architecture User Stories Applied Continuous Integration Introduction to Programming and Object-Oriented Design Using Java Refactoring to Patterns Fluent Python Simple Object-Oriented Design Practical Development Environments Advanced PHP Programming Extreme Programming and Agile Processes in Software Engineering Extreme Programming Refactored Byte Wars The Robert C. Martin Clean Code Collection (Collection) Java Open Source Programming Dr. Dobb's Journal Smalltalk, Objects, and Design Testing ASP.NET Web Applications Component Software *Kent Beck Kent Beck Luke Hohmann Mike Cohn Duvall Jaime Ni¶o Joshua Kerievsky Luciano Ramalho Mauricio Aniche Matthew B. Doar George Schlossnagle Matt Stephens Edward Yourdon Robert C. Martin Joseph Walnes Chamond Liu Jeff McWherter Clemens Szyperski*

about software development through constant testing

written for smalltalk programmers this book is designed to help readers become more effective smalltalk developers and object technology users

successfully managing the relationship between business and technology is a daunting task faced by all companies in the twenty first century beyond software architecture is a practical guide to properly managing this mission critical relationship in our modern economy every software decision can have a significant impact

on business conversely most business decisions will influence a software application s viability this book contains keen insights and useful lessons about creating winning software solutions in the context of a real world business software should be designed to deliver value to an organization but all too often it brings turmoil instead powerful applications are available in the marketplace but purchasing or licensing these technologies does not guarantee success winning solutions must be properly integrated into an organization s infrastructure software expert luke hohmann teaches you the business ramifications of software architecture decisions and further instructs you on how to understand and embrace the business issues that must be resolved to achieve software success using this book as a roadmap business managers and development teams can safely navigate the minefield of important decisions that they face on a regular basis the resulting synergy between business and technology will allow you to create winning technology solutions and ensure your organization s success now and in the future

thoroughly reviewed and eagerly anticipated by the agile community user stories applied offers a requirements process that saves time eliminates rework and leads directly to better software the best way to build software that meets users needs is to begin with user stories simple clear brief descriptions of functionality that will be valuable to real users in user stories applied mike cohn provides you with a front to back blueprint for writing these user stories and weaving them into your development lifecycle you ll learn what makes a great user story and what makes a bad one you ll discover practical ways to gather user stories even when you can t speak with your users then once you ve compiled your user stories cohn shows how to organize them prioritize them and use them for planning management and testing user role modeling understanding what users have in common and where they differ gathering stories user interviewing questionnaires observation and workshops working with managers trainers salespeople and other proxies writing user stories for acceptance testing using stories to prioritize set schedules and estimate release costs includes end of chapter practice questions and exercises user stories applied will be invaluable to every software developer tester analyst and manager working with any agile method xp scrum or even your own home grown approach

the 3rd edition of introduction to programming and object oriented design continues to provide students with an objects first introduction to programming and software design using java java is used as a vehicle for teaching problem modeling using fundamental software engineering principles and concepts the text has been updated to include more problems and exercises and additional relevant examples it also offers optional interactive exercises using the drjava integrated development environment ide the uml is employed very informally for denoting objects object relationships and system dynamics no specific previous programming experience is assumed and the text is appropriate for first year computer science majors the text could also carry over to a second course on data structures or software oo design

kerievsky lays the foundation for maximizing the use of design patterns by helping the reader view them in the context of refactorings he ties together two of the most popular methods in software engineering today refactoring and design patterns as he helps the experienced developer create more robust software

don t waste time bending python to fit patterns you ve learned in other languages python s simplicity lets you become productive quickly but often this means you aren t using everything the language has to offer with the updated edition of this hands on guide you ll learn how to write effective modern python 3 code by leveraging its best ideas discover and apply idiomatic python 3 features beyond your past experience author luciano ramalho guides you through python s core language features and libraries and teaches you how to make your code shorter faster and more readable complete with major updates throughout this new edition features five parts that work as five short books within the book data structures sequences dicts sets unicode and data classes functions as objects first class functions related design patterns and type hints in function declarations object oriented idioms composition inheritance mixins interfaces operator overloading protocols and more static types control flow context managers generators coroutines async await and thread process pools metaprogramming properties attribute descriptors class decorators and new class metaprogramming hooks that replace or simplify metaclasses

write object oriented code that s manageable maintainable and future proof keeping your object oriented designs simple demands a creative approach and that s exactly what you ll find in simple object oriented design this book is full of patterns and principles for reducing complexity each one proven in author mauricio aniche s 20 year career in software development you ll learn how to tackle code s natural growth in complexity and adopt a good enough approach that means it s easy to refactor when requirements change you ll discover insightful principles for making code readable and documented improving consistency and encapsulation managing dependencies designing abstractions handling infrastructure effective modularization learn what constitutes both good and bad object oriented software design discover how to make better trade offs in design decisions and when to embrace complexity over simpler data structures with this book as your vital reference you ll be ready to write code that will last the test of time without slowing feature delivery to a crawl about the technology even a simple object oriented application can quickly become complex as it evolves each new class method or feature means more state and abstractions to manage which in turn increases complexity maintenance and time spent detangling legacy code it takes effort and skill to keep your codebase simple this book shows you how about the book simple object oriented design create clean maintainable applications presents practical design principles you can use to keep an object oriented codebase simple as it grows and changes written as a collection of practical techniques you can apply in any oo language it offers tips for concise code managing dependencies and modules and designing flexible abstractions illuminating figures real world examples and insightful exercises make each principle stick what s

inside writing simple understandable classes flexible abstractions to extend your designs reducing the impact of coupling about the reader readers should be familiar with an object oriented language like java c or python about the author maur cio aniche is a software engineer with 20 years of experience he s also an assistant professor in software engineering at delft university of technology and the author of effective software testing table of contents 1 it s all about managing complexity 2 making code small 3 keeping objects consistent 4 managing dependencies 5 designing good abstractions 6 handling external dependencies and infrastructure 7 achieving modularization 8 being pragmatic

everyone wants a technical environment for developing their software containing guidelines for how to create and maintain a development environment this book discusses some of the tools covering different areas such as version control build tools testing tools bug tracking systems documentation environments release tools and maintenance

php has exploded in popularity and is now starting to make inroads into large scale business critical systems schlossnagle provides a definitive guide to developing php applications for performance stability and extensibility

extreme programming refactored the case against xp featuring songs of the extremos takes a satirical look at the increasingly hyped extreme programming xp methodology it explores some quite astonishing extremo quotes that have typified the xp approach quotes such as xpers are not afraid of oral documentation schedule is the customer s problem dependencies between requirements are more a matter of fear than reality and concentration is the enemy in between the chuckles though there is a serious analysis of xp s many flaws the authors also examine c3 the first xp project whose team most of whom went on to get xp book deals shortly before c3 s cancellation described themselves as the best team on the face of the earth in a later chapter the authors also note that one problem which can affect pair programmers is overconfidence or is that excessive courage the authors examine whether the problems that led to c3 s inexplicable cancellation could also afflict present day xp projects in the final chapter refactoring xp matt and doug suggest some ways of achieving the agile goals of xp using some xp practices used in moderation combined with other less risk laden methods

to cope with future unanticipated disruptive changes governments companies communities and families must encourage emergent systems approaches byte wars shows how it systems can play a vital role in this effort book jacket

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discover how to develop full scale j2ee tm applications quickly and efficiently using the best open source tools written by leading authorities in the field this book shows you how to leverage a suite of best of breed open source development tools to take the pain out of j2ee and build a complete based application you ll combine these tools to actually reduce the points of failure in your application while increasing overall system stability and robustness along with the tools introduced here you ll develop the petsoar application which follows the petstore application used by sun microsystems to demonstrate features of j2ee with petsoar the authors focus on developing a maintainable and flexible application rather than showcasing the end result so that you can apply the material in your own projects in addition the authors provide methods for utilizing open source software components for each stage of the development process the open source products covered include hibernate to aid with simple flexible and speedy transparent object persistence opensymphony webwork to allow for pluggable view technologies and extensible configuration junit and mock objects to assist with rapid and robust unit testing xdoclet to assist with generating code and configuration

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component software beyond object oriented programming explains the technical foundations of this evolving technology and its importance in the software market place it provides in depth discussion of both the technical and the business issues to be considered then moves on to suggest approaches for implementing component oriented software production and the organizational requirements for success the author draws on his own experience to offer tried and tested solutions to common problems and novel approaches to potential pitfalls anyone responsible for developing software strategy evaluating new technologies buying or building software will find clemens szyperskiis objective and market aware perspective of this new area invaluable helpful features include a uniquely objective comparison

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