

Ebook free Continuous delivery reliable software releases through build test and deployment automation addison wesley signature series fowler [PDF]

Test Driven Development
Refactoring HTML User Stories Applied Continuous Integration
Patterns of Distributed Systems Advances in Databases and Information Systems UML
Leveraging Applications of Formal Methods, Verification and Validation. Software Engineering
Domain-Specific Languages Architecture-based Evolution of Dependable Software-intensive Systems
Leveraging Applications of Formal Methods, Verification and Validation: Engineering Principles Model Driven
Engineering Languages and Systems State of the Art Applications of Social Network Analysis Intelligent Data
Engineering and Automated Learning -- IDEAL 2011 Software Quality: Methods and Tools for Better Software and
Systems Service-Oriented Computing Clean Code Refactoring to
Patterns Transforming Healthcare Analytics .NET Design Patterns Refactoring Databases THE
PRACTICE OF IT ARCHITECTURE The Practice of Enterprise Architecture Data Warehousing and Analytics
Databases in Networked Information Systems xUnit Test Patterns

QUESTION

2012-05-10

2010年 Ruby on Rails 的 refactoring 改善現有的程式碼

ANSWER

2012-08

2010年 Ruby on Rails 的 refactoring 改善現有的程式碼

1. 改善現有的程式碼 (refactoring improving the design of existing code)

2. 改善現有的程式碼 (refactoring improving the design of existing code)

3. 改善現有的程式碼 (refactoring improving the design of existing code)

4. 改善現有的程式碼 (refactoring improving the design of existing code)

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10. 改善現有的程式碼 (refactoring improving the design of existing code)

11. 改善現有的程式碼 (refactoring improving the design of existing code)

template method 12 13 14 15 java java 7

Ruby

2020-03

java net smalltalk java net corba 40 java c uml

2012-03-15

quite simply test driven development is meant to eliminate fear in application development while some fear is healthy often viewed as a conscience that tells programmers to be careful the author believes that byproducts of fear include tentative grumpy and uncommunicative programmers who are unable to absorb constructive criticism when programming teams buy into tdd they immediately see positive results they eliminate the fear involved in their jobs and are better equipped to tackle the difficult challenges that face them tdd eliminates tentative traits it teaches programmers to communicate and it encourages team members to seek out criticism however even the author

admits that grumpiness must be worked out individually in short the premise behind tdd is that code should be continually tested and refactored kent beck teaches programmers by example so they can painlessly and dramatically increase the quality of their work



2014-07-26

like any other software system sites gradually accumulate cruft over time they slow down links break security and compatibility problems mysteriously appear new features don t integrate seamlessly things just don t work as well in an ideal world you d rebuild from scratch but you can t there s no time or money for that fortunately there s a solution you can refactor your code using easy proven techniques tools and recipes adapted from the world of software development in refactoring html elliotte rusty harold explains how to use refactoring to improve virtually any site or application writing for programmers and non programmers alike harold shows how to refactor for better reliability performance usability security accessibility compatibility and even search engine placement step by step he shows how to migrate obsolete code to today s stable standards including xhtml css and rest and eliminate chronic problems like presentation based markup stateful applications and tag soup the book s extensive catalog of detailed refactorings and practical recipes for success are organized to help you find specific solutions fast and get maximum benefit for minimum effort using this book you can quickly improve site performance now and make your site far easier to enhance maintain and scale for years to come topics covered include recognizing the smells of code that should be refactored transforming old html into well formed valid xhtml one step at a time modernizing existing layouts with css updating old applications replacing post with get replacing old contact forms and refactoring javascript systematically refactoring content and links restructuring sites without changing the urls your users rely upon this book will be an indispensable resource for designers developers project managers and anyone who maintains or updates existing sites it will be especially helpful to professionals who learned html years ago and want to refresh their knowledge with today s standards compliant best practices this book will be an indispensable resource for designers developers project managers and anyone who maintains or updates existing sites it will be especially helpful to professionals who learned html years ago and want to refresh their knowledge with today s standards compliant best practices



2008-04-10

offers a requirements process that saves time eliminates rework and leads directly to better software a great 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 the author 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 the author shows how to organize them prioritize them and use them for planning management and testing back cover



2016-02-19

calculator
statement
yagni
api

setter

Test Driven Development

2022-03-25

a patterns approach to designing distributed systems and solving common implementation problems more and more enterprises today are dependent on cloud services from providers like aws microsoft azure and gcp they also use products such as kafka and kubernetes or databases such as yugabytedb cassandra mongodb and neo4j that are distributed by nature because these distributed systems are inherently stateful systems enterprise architects and developers need to be prepared for all the things that can and will go wrong when data is stored on multiple servers from process crashes to network delays and unsynchronized clocks patterns of distributed systems describes a set of patterns that have been observed in mainstream open source distributed systems studying the common problems and the solutions that are embodied by the patterns in this guide will give you a better understanding of how these systems work as well as a solid foundation in distributed system design principles featuring real world code examples from systems like kafka and kubernetes these patterns and solutions will prepare you to confidently traverse open source codebases and understand implementations you encounter in the wild review the building blocks of consensus algorithms like paxos and raft for ensuring replica consistency in distributed systems understand the use of logical timestamps in databases a fundamental concept for data versioning explore commonly used partitioning schemes with an in depth look at intricacies of two phase commit protocol analyze mechanisms used in implementing cluster coordination tasks such as group membership failure detection and enabling robust cluster coordination learn techniques for establishing effective network communication between cluster nodes along with enterprise architects and data architects software developers working with cloud services such as amazon s3 amazon eks and azure cosmosdb or gcp cloud spanner will find this set of patterns to be indispensable register your book for convenient access to downloads updates and or corrections as they become available see inside book for details

Refactoring HTML

2012-03-16

this book constitutes the thoroughly refereed proceedings of the 18th east european conference on advances in databases and information systems adbis 2014 held in ohrid macedonia in september 2014 the 26 revised full papers presented together with one invited talk were carefully selected and reviewed from 82 submissions the papers are organized in topical sections on data models and query languages data warehousing query and data flow optimization information extraction and integration spatial temporal and streaming data data mining and knowledge discovery data organization and physical issues and data and business processes

User Stories Applied

2004

uml 3 uml2 0 5

Continuous Integration

2007

test driven development by example kent beck tdd 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 a b c



2019-11-29

this four volume set Incs 13701 13704 constitutes contributions of the associated events held at the 11th international symposium on leveraging applications of formal methods isola 2022 which took place in rhodes greece in october november 2022 the contributions in the four volume set are organized according to the following topical sections specify this bridging gaps between program specification paradigms x by construction meets runtime verification verification and validation of concurrent and distributed heterogeneous systems programming what is next the role of documentation automated software re engineering dime day rigorous engineering of collective adaptive systems formal methods meet machine learning digital twin engineering digital thread in smart manufacturing formal methods for distributed computing in future railway systems industrial day

Patterns of Distributed Systems

2023-11-01

Patterns of Distributed Systems is a book by Martin Fowler, Jim Highsmith, Mary Poppendieck, Ed Yordon, Craig Larman, Luke Hohmann, and the UML World. It is published by Addison-Wesley Professional. The book is a collection of essays that explore various patterns and practices for building distributed systems. The authors are well-known in the software development community. The book is available in paperback and e-book formats. The ISBN-10 is 0130932639 and the ISBN-13 is 9780130932639. The book was published in 2003. The authors are Martin Fowler, Jim Highsmith, Mary Poppendieck, Ed Yordon, Craig Larman, Luke Hohmann, and the UML World. The book is a collection of essays that explore various patterns and practices for building distributed systems. The authors are well-known in the software development community. The book is available in paperback and e-book formats. The ISBN-10 is 0130932639 and the ISBN-13 is 9780130932639. The book was published in 2003.

Advances in Databases and Information Systems

2014-09-02

when carefully selected and used domain specific languages dsls may simplify complex code promote effective communication with customers improve productivity and unclog development bottlenecks in domain specific languages noted software development expert martin fowler first provides the information software professionals

need to decide if and when to utilize dsls then where dsls prove suitable fowler presents effective techniques for building them and guides software engineers in choosing the right approaches for their applications this book s techniques may be utilized with most modern object oriented languages the author provides numerous examples in java and c as well as selected examples in ruby wherever possible chapters are organized to be self standing and most reference topics are presented in a familiar patterns format armed with this wide ranging book developers will have the knowledge they need to make important decisions about dsls and where appropriate gain the significant technical and business benefits they offer the topics covered include how dsls compare to frameworks and libraries and when those alternatives are sufficient using parsers and parser generators and parsing external dsls understanding comparing and choosing dsl language constructs determining whether to use code generation and comparing code generation strategies previewing new language workbench tools for creating dsls

UML 3

2005-06

this cumulative habilitation thesis proposes concepts for i modelling and analysing dependability based on architectural models of software intensive systems early in development ii decomposition and composition of modelling languages and analysis techniques to enable more flexibility in evolution and iii bridging the divergent levels of abstraction between data of the operation phase architectural models and source code of the development phase

2017-10-20

the three volume set Incs 12476 12478 constitutes the refereed proceedings of the 9th international symposium on leveraging applications of formal methods isola 2020 which was planned to take place during october 20 30 2020 on rhodes greece the event itself was postponed to 2021 due to the covid 19 pandemic the papers presented were carefully reviewed and selected for inclusion in the proceedings each volume focusses on an individual topic with topical section headings within the volume part i verification principles modularity and de composition in verification x by construction correctness meets probability 30 years of statistical model checking verification and validation of concurrent and distributed systems part ii engineering principles automating software re engineering rigorous engineering of collective adaptive systems part iii applications reliable smart contracts state of the art applications challenges and future directions automated verification of embedded control software formal methods for distributed

computing in future railway systems

Leveraging Applications of Formal Methods, Verification and Validation.

Software Engineering

2022-10-19

this book constitutes the refereed proceedings of the 10th international conference on model driven engineering languages and systems formerly the uml series of conferences models 2007 held in nashville usa september 30 october 5 2007 the 45 revised full papers were carefully reviewed and selected from 158 initial submissions the papers are organized in topical sections

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2015-10-01

social network analysis increasingly bridges the discovery of patterns in diverse areas of study as more data becomes available and complex yet the construction of huge networks from large data often requires entirely different approaches for analysis including graph theory statistics machine learning and data mining this work covers frontier studies on social network analysis and mining from different perspectives such as social network sites financial data e mails forums academic research funds xml technology blog content community detection and clique finding prediction of user s behavior privacy in social network analysis mobility from spatio temporal point of view agent technology and political parties in parliament these topics will be of interest to researchers and practitioners from different disciplines including but not limited to social sciences and engineering

Domain-Specific Languages

2010-09-23

this book constitutes the refereed proceedings of the 12th international conference on intelligent data engineering and automated learning ideal 2011 held in norwich uk in september 2011 the 59 revised full papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book and present the latest theoretical advances and real world applications in computational intelligence

treatment costs and more helping healthcare managers operate more efficiently and effectively transforming healthcare analytics the quest for healthy intelligence shares real world use cases of a healthcare company that leverages people process and advanced analytics technology to deliver exemplary results this book illustrates how healthcare professionals can transform the healthcare industry through analytics practical examples of modern techniques and technology show how unified analytics with data management can deliver insight driven decisions the authors a data management and analytics specialist and a healthcare finance executive share their unique perspectives on modernizing data and analytics platforms to alleviate the complexity of the healthcare distributing capabilities and analytics to key stakeholders equipping healthcare organizations with intelligence to prepare for the future and more this book explores innovative technologies to overcome data complexity in healthcare highlights how analytics can help with healthcare market analysis to gain competitive advantage provides strategies for building a strong foundation for healthcare intelligence examines managing data and analytics from end to end from diagnosis to treatment to provider payment discusses the future of technology and focus areas in the healthcare industry transforming healthcare analytics the quest for healthy intelligence is an important source of information for cfo s cio cto healthcare managers data scientists statisticians and financial analysts at healthcare institutions

Service-Oriented Computing

2021-09-25

explore the world of net design patterns and bring the benefits that the right patterns can offer to your toolkit today about this book dive into the powerful fundamentals of net framework for software development the code is explained piece by piece and the application of the pattern is also showcased this fast paced guide shows you how to implement the patterns into your existing applications who this book is for this book is for those with familiarity with net development who would like to take their skills to the next level and be in the driver s seat when it comes to modern development techniques basic object oriented c programming experience and an elementary familiarity with the net framework library is required what you will learn put patterns and pattern catalogs into the right perspective apply patterns for software development under c net use gof and other patterns in real life development scenarios be able to enrich your design vocabulary and well articulate your design thoughts leverage object functional programming by mixing oop and fp understand the reactive programming model using rx and rxjs writing compositional code using c linq constructs be able to implement concurrent parallel programming techniques using idioms under net avoiding pitfalls when creating compositional readable and maintainable code using imperative functional and reactive code in detail knowing about design patterns enables developers to improve their code base promoting code reuse and making their design more robust this book focuses on the practical aspects of

programming in net you will learn about some of the relevant design patterns and their application that are most widely used we start with classic object oriented programming oop techniques evaluate parallel programming and concurrency models enhance implementations by mixing oop and functional programming and finally to the reactive programming model where functional programming and oop are used in synergy to write better code throughout this book we ll show you how to deal with architecture design techniques gof patterns relevant patterns from other catalogs functional programming and reactive programming techniques after reading this book you will be able to convincingly leverage these design patterns factory pattern builder pattern prototype pattern adapter pattern facade pattern decorator pattern observer pattern and so on for your programs you will also be able to write fluid functional code in net that would leverage concurrency and parallelism style and approach this tutorial based book takes a step by step approach it covers the major patterns and explains them in a detailed manner along with code examples

Clean Coder

2018-07-27

refactoring has proven its value in a wide range of development projects helping software professionals improve system designs maintainability extensibility and performance now for the first time leading agile methodologist scott ambler and renowned consultant pramodkumar sadalage introduce powerful refactoring techniques specifically designed for database systems ambler and sadalage demonstrate how small changes to table structures data stored procedures and triggers can significantly enhance virtually any database design without changing semantics you ll learn how to evolve database schemas in step with source code and become far more effective in projects relying on iterative agile methodologies this comprehensive guide and reference helps you overcome the practical obstacles to refactoring real world databases by covering every fundamental concept underlying database refactoring using start to finish examples the authors walk you through refactoring simple standalone database applications as well as sophisticated multi application scenarios you ll master every task involved in refactoring database schemas and discover best practices for deploying refactorings in even the most complex production environments the second half of this book systematically covers five major categories of database refactorings you ll learn how to use refactoring to enhance database structure data quality and referential integrity and how to refactor both architectures and methods this book provides an extensive set of examples built with oracle and java and easily adaptable for other languages such as c c or vb net and other databases such as db2 sql server mysql and sybase using this book s techniques and examples you can reduce waste rework risk and cost and build database systems capable of evolving smoothly far into the future



2000-05-25

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Refactoring to Patterns

2004-08-05

are you an it architecture practitioner wanting to stand out and shine are you new to the field or interested in becoming an it architect are you an old hand looking for ideas to solve challenging client problems or perhaps you re simply interested in knowing it architecture and demystifying it for yourself then this book is a reference work for you it is written with love and respect for this old and valuable craft by someone who has applied it for over thirty five years to deliver solutions in various places of the world for multiple enterprises problems and opportunities get it and keep it by your side and you will have a trusty and inspiring companion

Transforming Healthcare Analytics

2020-03-24

enterprise architecture ea serves as a systematic framework for fortifying and expanding organisational capabilities despite its undeniable value the available literature on mastering and implementing ea remains surprisingly sparse this book aims to bridge that gap penned by a seasoned practitioner and visionary drawing from extensive real world experience in orchestrating successful it transformations across numerous large scale enterprises the practice of enterprise architecture is an indispensable guide for enterprise and it architects offering invaluable insights into the core processes techniques and tools essential for effective ea implementation moreover it extends its reach to business leaders keen on leveraging ea s advantages for their companies written in an accessible style the book

equips readers with the necessary understanding and know how to initiate and sustain an ea practice within their organisations packed with practical guidance and complemented by step by step exercises each chapter delves into various facets of ea providing actionable strategies for managing requisite information and conducting thorough analysis features it architecture foundations it architecture method making architectural decisions domain driven architecture diagramming skills enterprise architecture method the ea process ea maturity assessment setting up ea agile ea ea career enterprise architecture techniques documenting ea fit gap analysis creating an it strategy business case creation merger solutions security assessments ea resources philosophical underpinnings books websites organisations supporting materials

.NET Design Patterns

2017-01-31

this textbook covers all central activities of data warehousing and analytics including transformation preparation aggregation integration and analysis it discusses the full spectrum of the journey of data from operational transactional databases to data warehouses and data analytics as well as the role that data warehousing plays in the data processing lifecycle it also explains in detail how data warehouses may be used by data engines such as bi tools and analytics algorithms to produce reports dashboards patterns and other useful information and knowledge the book is divided into six parts ranging from the basics of data warehouse design part i star schema part ii snowflake and bridge tables part iii advanced dimensions and part iv multi fact and multi input to more advanced data warehousing concepts part v data warehousing and evolution and data analytics part vi olap bi and analytics this textbook approaches data warehousing from the case study angle each chapter presents one or more case studies to thoroughly explain the concepts and has different levels of difficulty hence learning is incremental in addition every chapter has also a section on further readings which give pointers and references to research papers related to the chapter all these features make the book ideally suited for either introductory courses on data warehousing and data analytics or even for self studies by professionals the book is accompanied by a web page that includes all the used datasets and codes as well as slides and solutions to exercises

Refactoring Databases

2006-03-03

this book constitutes the refereed proceedings of the 8th international workshop on databases in networked information systems dnis 2013 held in aizu wakamatsu japan in march 2013 the 22 revised full papers presented

The Practice of Enterprise Architecture

2024-03-29

kent beck
eric
enterprise java programming with ibm websphere
kyle blown
domain driven design tackling complexity in the heart of software

Data Warehousing and Analytics

2022-02-04

Databases in Networked Information Systems

2013-03-19

xUnit Test Patterns

2007-05-21



2020-11-20



2013-11-20

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