Developing Applications with

JAVA™

and UML

Paul R. Reed, Jr.

Developing Applications With Java And U M L

James McGovern,Sameer Tyagi,Michael Stevens,Sunil Mathew

Developing Applications With Java And U M L:

Developing Applications with Java and UML Paul R. Reed,2002 The author of Developing Applications with Visual Basic and UML Addison Wesley 2000 a consultant on object oriented distributed systems presents a large scale application to explain the lifecycle of building robust Java applications with the Unified Modeling Language using Rational s Software s Unified Plan Reed also makes a short detour into his Synergy Process Appends material on the Unified Plan and the BEA WebLogic application server Assumes programmers knowledge of Java and a willingness to evolve past a cavalier attitude toward project planning *Developing Enterprise Java Applications with J2EE and UML* Khawar Zaman Ahmed,Cary E. Umrysh,2002 The Java 2 Platform Enterprise Edition J2EE TM offers great promise for dramatically improving the way that enterprise applications are built and organizations that have adopted the J2EE are gaining a competitive advantage The industry standard Unified Modeling Language UML has helped countless organizations achieve software success through visual modeling Together the UML and J2EE form a powerful set of tools but the intricacies involved with using them in tandem are considerable While UML is highly effective for specifying designing constructing visualizing and documenting software systems J2EE offers enterprise developers a simplified component based approach to application development However when using the two technologies together developers must first consider and attempt to reconcile the different characteristics of each Developing Enterprise Java Applications with J2EE TM and UML examines the best ways to jointly leverage these technologies Exploring concrete methods for completing a successful development project the authors cover the use of UML and J2EE in detail Using practical examples and a case study they illustrate the pros and cons of specific design approaches show how personal experience can affect design decisions and demonstrate proven approaches for building better software faster With this book as a guide developers will be able to overcome the challenges in using UML and J2EE together and be on their way to building robust scalable and complex applications 0201738295B09042001

Software Development for Small Teams Gary Pollice,2004 I highly recommend this book for anyone who s ever tried to implement RUP on a small project Pollice and company have demystified and effectively scaled the process while ensuring that its essence hasn t been compromised A must have for any RUPster s library Chris Soskin Process Engineering Consultant Toyota Motor SalesDo you want to improve the process on your next project Perhaps you d like to combine the best practices from the Rational Unified Process RUP and from agile methodologies such as Extreme Programming If so buy this book Software Development for Small Teams describes an entire software development project from the initial customer contact through delivery of the software Through a case study it describes how one small distributed team designed and applied a successful process But this is not a perfect case study The story includes what worked and what didn t and describes how the team might change its process for the next project The authors encourage you to assess their results and to use the lessons learned on your next project Key topics covered include Achieving a balance between people process and

tools recognizing that software develo *Analysis Patterns* Martin Fowler,1997 Martin Fowler is a consultant specializing in object oriented analysis and design This book presents and discusses a number of object models derived from various problem domains All patterns and models presented have been derived from the author s own consulting work and are based on real business cases **The Rational Unified Process** Philippe Kruchten,2004 bull Reflects all of the changes that were integrated into RUP v2003 the latest version of the very popular produc t bull Learn the key concepts fundamentals of structure integral content and motivation behind the RUP bull Covers all phases of the software development lifecycle from concept to delivery to revision **Aspect-oriented Software Development with Use Cases** Ivar Jacobson,Pan-Wei Ng,2005 A refreshingly new approach toward improving use case modeling by fortifying it with aspect orientation Ramnivas Laddad author of AspectJ in Action Since the 1980s use cases have been a way to bring users into software design but translating use cases into software has been an art at best because user goods often don t respect code boundaries Now that aspect oriented programming AOP can express crosscutting concerns directly in code the man who developed use cases has proposed step by step methods for recognizing crosscutting concerns in use cases and writing the code in separate modules If these methods are at all fruitful in your design and development practice they will make a big difference in software quality for developers and users alike Wes Isberg AspectJ team memberThis book not only provides ideas and examples of what aspect oriented software development is but how it can be utilized in a real development project MichaelWard ThoughtWorks Inc No system has ever been designed from scratch perfectly every system is composed of features layered in top of features that accumulate over time Conventional design techniques do not handle this well and over time the integrity of most systems degrades as a result For the first time here is a set of techniques that facilitates composition of behavior that not only allows systems to be defined in terms of layered functionality but composition is at the very heart of the approach This book is an important advance in modern methodology and is certain to influence the direction of software engineering in the next decade just as Object Oriented Software Engineering influenced the last Kurt Bittner IBM CorporationUse cases are an excellent means to capture system requirements and drive a user centric view of system development and testing This book offers a comprehensive guide on explicit use case driven development from early requirements modeling to design and implementation It provides a simple yet rich set of guidelines to realize use case models using aspect oriented design and programming It is a valuable resource to researchers and practitioners alike Dr Awais Rashid Lancaster University U K and author of Aspect Oriented Database Systems AOSD is important technology that will help developers produce better systems Unfortunately it has not been obvious how to integrate AOSD across a project s lifecycle This book shatters that barrier providing concrete examples on how to use AOSD from requirements analysis through testing Charles B Haley research fellow The Open University U K Aspect oriented programming AOP is a revolutionary new way to think about software engineering AOP was introduced to address crosscutting concerns such as security logging persistence debugging tracing

distribution performance monitoring and exception handling in a more effective manner Unlike conventional development techniques which scatter the implementation of each concern into multiple classes aspect oriented programming localizes them Aspect oriented software development AOSD uses this approach to create a better modularity for functional and nonfunctional requirements platform specifics and more allowing you to build more understandable systems that are easier to configure and extend to meet the evolving needs of stakeholders In this highly anticipated new book Ivar Jacobson and Pan Wei Ng demonstrate how to apply use cases a mature and systematic approach to focusing on stakeholder concerns and aspect orientation in building robust and extensible systems Throughout the book the authors employ a single real world example of a hotel management information system to make the described theories and practices concrete and understandable The authors show how to identify design implement test and refactor use case modules as well as extend them They also demonstrate how to design use case modules with the Unified Modeling Language UML emphasizing enhancements made in UML 2 0 and how to achieve use case modularity using aspect technologies notably AspectJ Key topics include Making the case for use cases and aspects Capturing and modeling concerns with use cases Keeping concerns separate with use case modules Modeling use cases slices and aspects using the newest extensions to the UML notation Applying use cases and aspects in projects Whatever your level of experience with aspect oriented programming Aspect Oriented Software Development with Use Cases will teach you how to develop better software by embracing the paradigm shift to AOSD   **Java Web Services Architecture** James McGovern,Sameer Tyagi,Michael Stevens,Sunil Mathew,2003 Written by industry thought leaders Java Web Services Architecture is a no nonsense guide to web services technologies including SOAP WSDL UDDI and the JAX APIs This book is useful for systems architects and provides many of the practical considerations for implementing web services including authorization encryption transactions and the future of Web Services   **Software Configuration Management Strategies and Rational ClearCase** Brian A. White,2000 An introduction to the core practices of software configuration management a software engineering discipline that secures against cost over runs while insuring project timeliness and quality   **Computational Science and Its Applications -- ICCSA 2013** Beniamino Murgante,Sanjay Misra,Maurizio Carlini,Carmelo Maria Torre,Hong-Quang Nguyen,David Taniar,Bernady O. Apduhan,Osvaldo Gervasi,2013-06-22 The five volume set LNCS 7971 7975 constitutes the refereed proceedings of the 13th International Conference on Computational Science and Its Applications ICCSA 2013 held in Ho Chi Minh City Vietnam in June 2013 The 248 revised papers presented in five tracks and 33 special sessions and workshops were carefully reviewed and selected The 46 papers included in the five general tracks are organized in the following topical sections computational methods algorithms and scientific applications high performance computing and networks geometric modeling graphics and visualization advanced and emerging applications and information systems and technologies The 202 papers presented in special sessions and workshops cover a wide range of topics in computational sciences ranging from computational science

technologies to specific areas of computational sciences such as computer graphics and virtual reality **The Art of ClearCase Deployment** Christian D. Buckley,Darren W. Pulsipher,2005 **Adopting the Rational Unified Process** Stefan Bergström,Lotta Råberg,2004 Helps organizations tackle the complexity of implementation and begin seeing immediate return on their significant RUP investment Another in a successful line of books from authors at Rational IBM and the latest in the acclaimed Object Technology Series Significant co marketing opportunities with Rational IBM

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order to create the consciousness shift required for lasting positive change *The British National Bibliography* Arthur James Wells,2005 *Aspect-oriented Analysis and Design* Siobhán Clarke,Elisa Baniassad,2005 An introduction for developers who need practical information to make the significant shift to aspect oriented development **InfoWorld** ,2001-12-17 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects **Consultants & Consulting Organizations Directory** Cengage Gale,2009-05-12 *Computerworld* ,2001-12-17 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network

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Developing Applications With Java And U M L Introduction

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