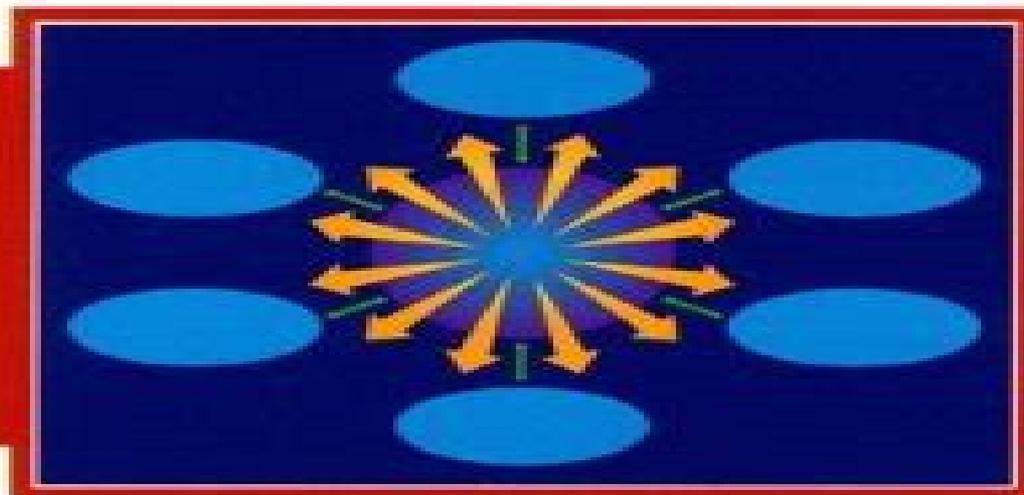


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# DEVELOPING OBJECT-ORIENTED SOFTWARE

An Experience-Based Approach



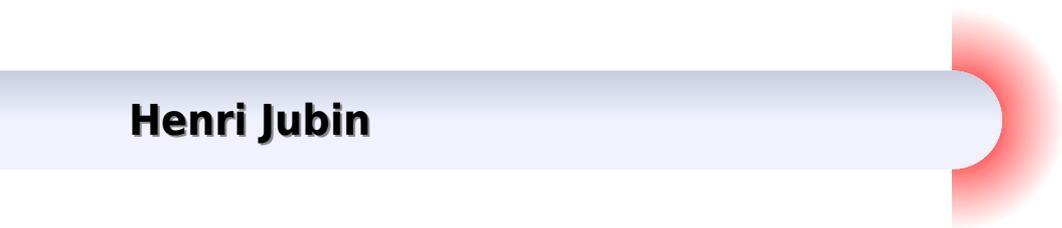
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FOREWARD BY KENNETH S. RUBIN

# Developing Object Oriented Software An Experience Based Approach

**Henri Jubin**



## **Developing Object Oriented Software An Experience Based Approach:**

**Developing Object-oriented Software** IBM Object-oriented Technology Center,1997 This book walks developers through every step of the object oriented development process showing how to tailor and document the development process that is ideal for their organizations This book shows how to tailor your own object oriented development process a process that delivers software more effectively and virtually documents itself It presents new techniques for requirements gathering performing initial object oriented analysis transitioning to object oriented design from procedural environments implementing a design and validating the results It includes comprehensive templates and examples for each phase of the lifecycle It also presents a detailed case study of a complete project with example workbook and work products All object oriented developers regardless of the languages and environments they utilize

## **Smart Card Application Development**

**Using Java** Uwe Hansmann,Martin S. Nicklous,Thomas Schäck,Frank Seliger,2012-12-06 In today s world smart cards play an increasingly important role in everyday life We encounter them as credit cards loyalty cards electronic purses health cards and as secure tokens for authentication or digital signature Their small size and the compatibility of their form with the magnetic stripe card make them the ideal carriers of personal information such as secret keys passwords customization profiles and medical emergency information This book provides a guide for the rapid development of smart card applications using Java and the OpenCard Framework It gives you the basic information you need about smart cards and how they work It shows in detail how to develop applications that use smart cards by guiding you through examples step by step A smart card provided along with the book will help you to quickly get some first hands on experience

*Managing Iterative Software Development Projects* Kurt Bittner,Ian Spence,2006-06-27 The Practical Start to Finish Guide to Planning and Leading Iterative Software Projects Iterative processes have gained widespread acceptance because they help software developers reduce risk and cost manage change improve productivity and deliver more effective timely solutions But conventional project management techniques don t work well in iterative projects and newer iterative management techniques have been poorly documented *Managing Iterative Software Development Projects* is the solution a relentlessly practical guide to planning organizing estimating staffing and managing any iterative project from start to finish Leading iterative development experts Kurt Bittner and Ian Spence introduce a proven scalable approach that improves both agility and control at the same time satisfying the needs of developers managers and the business alike Their techniques are easy to understand and easy to use with any iterative methodology from Rational Unified Process to Extreme Programming to the Microsoft Solutions Framework Whatever your role team leader program manager project manager developer sponsor or user representative this book will help you Understand the key drivers of success in iterative projects Leverage time boxing to define project lifecycles and measure results Use Unified Process phases to facilitate controlled iterative development Master core concepts of iterative project management including layering and evolution Create project roadmaps including release plans Discover

key patterns of risk management estimation organization and iteration planning Understand what must be controlled centrally and what you can safely delegate Transition smoothly to iterative processes Scale iterative project management from the smallest to the largest projects Align software investments with the needs of the business Whether you are interested in software development using RUP OpenUP or other agile processes this book will help you reduce the anxiety and cost associated with software improvement by providing an easy non intrusive path toward improved results without overwhelming you and your team

Agile Software Development Alistair Cockburn,2006-10-19 Agile Software Development is a highly stimulating and rich book The author has a deep background and gives us a tour de force of the emerging agile methods Tom Gilb The agile model of software development has taken the world by storm Now in Agile Software Development Second Edition one of agile s leading pioneers updates his Jolt Productivity award winning book to reflect all that s been learned about agile development since its original introduction Alistair Cockburn begins by updating his powerful model of software development as a cooperative game of invention and communication Among the new ideas he introduces harnessing competition without damaging collaboration learning lessons from lean manufacturing and balancing strategies for communication Cockburn also explains how the cooperative game is played in business and on engineering projects not just software development Next he systematically illuminates the agile model shows how it has evolved and answers the questions developers and project managers ask most often including Where does agile development fit in our organization How do we blend agile ideas with other ideas How do we extend agile ideas more broadly Cockburn takes on crucial misconceptions that cause agile projects to fail For example you ll learn why encoding project management strategies into fixed processes can lead to ineffective strategy decisions and costly mistakes You ll also find a thoughtful discussion of the controversial relationship between agile methods and user experience design Cockburn turns to the practical challenges of constructing agile methodologies for your own teams You ll learn how to tune and continuously reinvent your methodologies and how to manage incomplete communication This edition contains important new contributions on these and other topics Agile and CMMI Introducing agile from the top down Revisiting custom contracts Creating change with stickers In addition Cockburn updates his discussion of the Crystal methodologies which utilize his cooperative game as their central metaphor If you re new to agile development this book will help you succeed the first time out If you ve used agile methods before Cockburn s techniques will make you even more effective

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

**Journal of Object-oriented Programming** ,1998

**Fifth International Conference on Software Reuse** Association for Computing Machinery,1998 Software reuse saves time and effort and will continue to play a dominant role in successful engineering efforts This volume contains insights new

directions and experience from leading reuse experts around the world It addresses topics of interest to researchers, practitioners and managers

**JavaBeans by Example** Henri Jubin, 1998 Java Beans portends a revolution in enterprise software development allowing organizations to build small reusable platform independent components that substantially enhance the value of existing computing and database resources The enclosed CD ROM includes all source code needed to get started as well as a full version of VisualAge for Java

Software Development, 2004 Developing Object-oriented Multimedia Software Philipp Ackermann, 1996 This book on the MET multimedia application framework provides an in depth look at the concepts and techniques applied in an object oriented class library to support multimedia application development It is a reference for software designers and programmers who want to build multimedia applications by reusing components of the MET framework

*Proceedings of the 2004 Summer Computer Simulation Conference, SCSC 2004* Society for Computer Simulation, 2004 Advanced Information Systems Engineering, 2005 **American Book Publishing Record**, 1997

**Software Reuse** Ivar Jacobson, Martin Griss, Patrik Jonsson, 1997 Introducing the reuse driven software engineering business Architectural style Processes Organizing a reuse business Developing Object-oriented Software for the Macintosh Neal Goldstein, Jeff Alger, 1992 This book offers Macintosh programmers methods for designing object oriented software presents OOP concepts and principles and provides examples in C and Object Pascal In particular the authors focus on the design and development issues inherent in large OOP applications

**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

*Object-oriented Software Engineering* Ivar Jacobson, 1992 Based on Objectory which is the first commercially available comprehensive object oriented process for

developing large scale industrial systems      Developing Software with UML Bernd Oestereich,2002 This book shows us how to use UML and apply it in object oriented software development Part 1 of the book guides the reader step by step through the development process while part 2 explains the basics of UML in detail      **Eighth IEEE International Workshop on Software Technology and Engineering Practice** David Budgen, Gene Hoffnagle, Jos Trienekens, 1997 Proceedings of the July 1997 workshop concentrating on software engineering's role in software and systems development evolution and management Reports on current practical applied experimental and theoretical work affecting software engineering practice with sections on system architectures reverse engineering system development methods OO development configuration management and system interconnection tools software reuse process modeling software engineering education and COTS technology No index Annotation copyrighted by Book News Inc Portland OR      *Proceedings* ,2005

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