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# Building Maintainable Software

TEN GUIDELINES FOR FUTURE-PROOF CODE

Joost Visser

# Building Maintainable Software Java Edition Geekbooks

**Dr. Edward Lavieri**



## **Building Maintainable Software Java Edition Geekbooks:**

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*Hands-On Design Patterns with Java* Dr. Edward Lavieri, 2019-04-27 Understand Gang of Four architectural functional and reactive design patterns and how to implement them on modern Java platforms such as Java 12 and beyond Key Features Learn OOP functional and reactive patterns for creating readable and maintainable code Explore architectural patterns and practices for building scalable and reliable applications Tackle all kinds of performance related issues and streamline development using design patterns Book Description Java design patterns are reusable and proven solutions to software design problems This book covers over 60 battle tested design patterns used by developers to create functional reusable and flexible software Hands On Design Patterns with Java starts with an introduction to the Unified Modeling Language UML and delves into class and object diagrams with the help of detailed examples You ll study concepts and approaches to object oriented programming OOP and OOP design patterns to build robust applications As you advance you ll explore the categories of GOF design patterns such as behavioral creational and structural that help you improve code readability and enable large scale reuse of software You ll also discover how to work effectively with microservices and serverless architectures by using cloud design patterns each of which is thoroughly explained and accompanied by real world programming solutions By the end of the book you ll be able to speed up your software development process using the right design patterns and you ll be comfortable working on scalable and maintainable projects of any size What you will learn Understand the significance of design patterns for software engineering Visualize software design with UML diagrams Strengthen your understanding of OOP to create reusable software systems Discover GOF design patterns to develop scalable applications Examine programming challenges and the design patterns that solve them Explore architectural patterns for microservices and cloud development Who this book is for If you are a developer who wants to learn how to write clear concise and effective code for building production ready applications this book is for you Familiarity with the fundamentals of Java is assumed

**Designing Hexagonal Architecture with Java** Davi Vieira, 2023-09-29 Learn to build robust resilient and highly maintainable cloud native Java applications with hexagonal architecture and Quarkus Key Features Use hexagonal architecture to increase maintainability and reduce technical debt Learn how to build systems that are easy to change and understand Leverage Quarkus to create modern cloud native applications Purchase of the print or Kindle book includes a free PDF eBook Book Description We live in a fast evolving world with new technologies emerging every day where enterprises are constantly changing in an unending quest to be more profitable So the question arises how to develop software capable of handling a high level of unpredictability With this

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[Building Java Programs](#) Stuart Reges,2010      **Real-World Software Development** Raoul-Gabriel Urma,Richard Warburton,2019-12-02

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*Restful Java Patterns and Best Practices* Bhakti Mehta,2014-09-19 This book is aimed at novice developers who want to gain insights into building RESTful services and improve productivity as well as for advanced developers who want to delve into more complicated topics

*Building Java Programs, Student Value Edition* Stuart Reges,Marty Stepp,2013-03-11      *Précieuse collection de médailles grecques autonomes et des colonies romaines, formée par un amateur Russe et vendue pour compte des héritiers* ,1889      [Spring Boot 4 Architect's Handbook](#) VICTOR T. GAT,2026-01-06 Are you tired of Java systems that

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