



Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series)

By Kirk Knoernschild

Download now

Read Online →

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild

“I’m dancing! By god I’m dancing on the walls. I’m dancing on the ceiling. I’m ecstatic. I’m overjoyed. I’m really, really pleased.”

–From the Foreword by Robert C. Martin (a.k.a. Uncle Bob)

This isn’t the first book on Java application architecture. No doubt it won’t be the last. But rest assured, this title is different. The way we develop Java applications is about to change, and this title explores the new way of Java application architecture.

Over the past several years, module frameworks have been gaining traction on the Java platform, and upcoming versions of Java will include a module system that allows you to leverage the power of modularity to build more resilient and flexible software systems. Modularity isn’t a new concept. But modularity will change the way we develop Java applications, and you’ll only be able to realize the benefits if you understand how to design more modular software systems.

Java Application Architecture will help you

- Design modular software that is extensible, reusable, maintainable, and adaptable
- Design modular software today, in anticipation of future platform support for modularity
- Break large software systems into a flexible composite of collaborating modules
- Understand where to place your architectural focus
- Migrate large-scale monolithic applications to applications with a modular architecture
- Articulate the advantages of modular software to your team

Java Application Architecture lays the foundation you’ll need to incorporate

modular design thinking into your development initiatives. Before it walks you through eighteen patterns that will help you architect modular software, it lays a solid foundation that shows you why modularity is a critical weapon in your arsenal of design tools. Throughout, you'll find examples that illustrate the concepts. By designing modular applications today, you are positioning yourself for the platform and architecture of tomorrow. That's why Uncle Bob is dancing.

 [Download Java Application Architecture: Modularity Patterns ...pdf](#)

 [Read Online Java Application Architecture: Modularity Patter ...pdf](#)

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series)

By Kirk Knoernschild

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild

“I’m dancing! By god I’m dancing on the walls. I’m dancing on the ceiling. I’m ecstatic. I’m overjoyed. I’m really, really pleased.”

–From the Foreword by Robert C. Martin (a.k.a. Uncle Bob)

This isn’t the first book on Java application architecture. No doubt it won’t be the last. But rest assured, this title is different. The way we develop Java applications is about to change, and this title explores the new way of Java application architecture.

Over the past several years, module frameworks have been gaining traction on the Java platform, and upcoming versions of Java will include a module system that allows you to leverage the power of modularity to build more resilient and flexible software systems. Modularity isn’t a new concept. But modularity will change the way we develop Java applications, and you’ll only be able to realize the benefits if you understand how to design more modular software systems.

Java Application Architecture will help you

- Design modular software that is extensible, reusable, maintainable, and adaptable
- Design modular software today, in anticipation of future platform support for modularity
- Break large software systems into a flexible composite of collaborating modules
- Understand where to place your architectural focus
- Migrate large-scale monolithic applications to applications with a modular architecture
- Articulate the advantages of modular software to your team

Java Application Architecture lays the foundation you’ll need to incorporate modular design thinking into your development initiatives. Before it walks you through eighteen patterns that will help you architect modular software, it lays a solid foundation that shows you why modularity is a critical weapon in your arsenal of design tools. Throughout, you’ll find examples that illustrate the concepts. By designing modular applications today, you are positioning yourself for the platform and architecture of tomorrow. That’s why Uncle Bob is dancing.

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild Bibliography

- Sales Rank: #1087610 in Books
- Brand: Brand: Addison-Wesley Professional
- Published on: 2012-03-25

- Released on: 2012-03-15
- Original language: English
- Number of items: 1
- Dimensions: 9.10" h x .80" w x 7.00" l, 1.32 pounds
- Binding: Paperback
- 384 pages

 [Download Java Application Architecture: Modularity Patterns ...pdf](#)

 [Read Online Java Application Architecture: Modularity Patter ...pdf](#)

Download and Read Free Online Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild

Editorial Review

Review

“The fundamentals never go out of style, and in this book Kirk returns us to the fundamentals of architecting economically interesting software-intensive systems of quality. You’ll find this work to be well-written, timely, and full of pragmatic ideas.”

–*Grady Booch, IBM Fellow*

“Along with GOF’s *Design Patterns*, Kirk Knoernschild’s Java Application Architecture is a must-own for every enterprise developer and architect and on the required reading list for all Paremus engineers.”

–*Richard Nicholson, Paremus CEO, President of the OSGi Alliance*

“In writing this book, Kirk has done the software community a great service: He’s captured much of the received wisdom about modularity in a form that can be understood by newcomers, taught in computer science courses, and referred to by experienced programmers. I hope this book finds the wide audience it deserves.”

–*Glyn Normington, Eclipse Virgo Project Lead*

“Our industry needs to start thinking in terms of modules—it needs this book!”

–*Chris Chedgy, Founder and CEO, Structure 101*

“In this book, Kirk Knoernschild provides us with the design patterns we need to make modular software development work in the real world. While it’s true that modularity can help us manage complexity and create more maintainable software, there’s no free lunch. If you want to achieve the benefits modularity has to offer, buy this book.”

–*Patrick Paulin, Consultant and Trainer, Modular Mind*

“Kirk has expertly documented the best practices for using OSGi and Eclipse runtime technology. A book any senior Java developer needs to read to better understand how to create great software.”

–*Mike Milinkovich, Executive Director, Eclipse Foundation*

About the Author

Kirk Knoernschild is a software developer who is passionate about helping software development teams build better software. He is the author of *Java Design: Objects, UML, and Process* (Addison-Wesley, 2002), and he contributed to *No Fluff Just Stuff 2006 Anthology* (Pragmatic Bookshelf, 2006). Kirk is an open source contributor, has written numerous articles, and is a frequent conference speaker. You can visit his website at techdistrict.kirk.com.

Users Review

From reader reviews:

Ella Jacobs:

Book will be written, printed, or highlighted for everything. You can understand everything you want by a e-

book. Book has a different type. As you may know that book is important matter to bring us around the world. Alongside that you can your reading ability was fluently. A reserve Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) will make you to always be smarter. You can feel considerably more confidence if you can know about anything. But some of you think that open or reading a book make you bored. It isn't make you fun. Why they are often thought like that? Have you searching for best book or appropriate book with you?

Christine Wormley:

Here thing why this Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) are different and reliable to be yours. First of all reading through a book is good however it depends in the content of the usb ports which is the content is as delicious as food or not. Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) giving you information deeper as different ways, you can find any guide out there but there is no e-book that similar with Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series). It gives you thrill reading through journey, its open up your current eyes about the thing that will happened in the world which is possibly can be happened around you. It is easy to bring everywhere like in park, café, or even in your approach home by train. Should you be having difficulties in bringing the printed book maybe the form of Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) in e-book can be your choice.

Chad Wright:

Now a day folks who Living in the era just where everything reachable by talk with the internet and the resources inside it can be true or not require people to be aware of each facts they get. How a lot more to be smart in obtaining any information nowadays? Of course the solution is reading a book. Studying a book can help people out of this uncertainty Information particularly this Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) book since this book offers you rich information and knowledge. Of course the info in this book hundred per cent guarantees there is no doubt in it you know.

Rosalind Bowlin:

The actual book Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) will bring someone to the new experience of reading some sort of book. The author style to clarify the idea is very unique. Should you try to find new book you just read, this book very suitable to you. The book Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) is much recommended to you you just read. You can also get the e-book through the official web site, so you can quicker to read the book.

**Download and Read Online Java Application Architecture:
Modularity Patterns with Examples Using OSGi (Robert C. Martin
Series) By Kirk Knoernschild #91OEXZ2ISBL**

Read Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild for online ebook

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild books to read online.

Online Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild ebook PDF download

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild Doc

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild Mobipocket

Java Application Architecture: Modularity Patterns with Examples Using OSGi (Robert C. Martin Series) By Kirk Knoernschild EPub