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Spring Microservices in Action - John Carnell 2017-06-11 Summary Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning

Publications. About the technology Microservices break up your code into small, distributed, and independent services that require careful forethought and design. Fortunately, Spring Boot and Spring Cloud simplify your microservice applications, just as the Spring Framework simplifies enterprise Java development. Spring Boot removes the boilerplate code involved with writing a REST-based service. Spring Cloud provides a suite of tools for the discovery, routing, and deployment of microservices to the enterprise and the cloud. About the Book Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. You'll learn to do microservice design as you build and deploy your first Spring Cloud application. Throughout the book, carefully selected real-life examples expose microservice-based patterns for configuring, routing, scaling, and deploying your services. You'll see how Spring's intuitive tooling can help augment and refactor existing applications with micro services. What's Inside Core microservice design principles Managing configuration with Spring Cloud Config Client-side resiliency with Spring, Hystrix, and Ribbon Intelligent routing using Netflix Zuul Deploying Spring Cloud applications About the Reader This book is written for developers with Java and Spring experience. About the Author John Carnell is a senior cloud engineer with twenty years of experience in Java. Table of contents Welcome to the cloud, Spring Building microservices with Spring Boot Controlling your configuration with Spring Cloud configuration server On service discovery When bad things happen: client resiliency patterns with Spring Cloud and Netflix Hystrix Service routing with Spring Cloud and Zuul Securing your microservices Event-driven architecture with Spring Cloud Stream Distributed tracing with Spring Cloud Sleuth and Zipkin Deploying your microservices

Infinite Jest - David Foster Wallace 2009-04-13
A gargantuan, mind-altering comedy about the Pursuit of Happiness in America Set in an addicts' halfway house and a tennis academy, and featuring the most endearingly screwed-up family to come along in recent fiction, Infinite Jest explores essential questions about what entertainment is and why it has come to so dominate our lives; about how our desire for entertainment affects our need to connect with other people; and about what the pleasures we choose say about who we are. Equal parts philosophical quest and screwball comedy, Infinite Jest bends every rule of fiction without sacrificing for a moment its own entertainment value. It is an exuberant, uniquely American exploration of the passions that make us human - and one of those rare books that renew the idea of what a novel can do. "The next step in fiction...Edgy, accurate, and darkly witty...Think Beckett, think Pynchon, think Gaddis. Think." --Sven Birkerts, The Atlantic

Design Patterns - Erich Gamma 1995
Software -- Software Engineering.

Spring in Action - Craig Walls 2018-10-05
Summary Spring in Action, 5th Edition is the fully updated revision of Manning's bestselling Spring in Action. This new edition includes all Spring 5.0 updates, along with new examples on reactive programming, Spring WebFlux, and microservices. You'll also find the latest Spring best practices, including Spring Boot for application setup and configuration. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Spring Framework makes life easier for Java developers. New features in Spring 5 bring its productivity-focused approach to microservices, reactive development, and other modern application designs. With Spring Boot now fully integrated, you can start even

complex projects with minimal configuration code. And the upgraded WebFlux framework supports reactive apps right out of the box! About the Book Spring in Action, 5th Edition guides you through Spring's core features, explained in Craig Walls' famously clear style. You'll roll up your sleeves and build a secure database-backed web app step by step. Along the way, you'll explore reactive programming, microservices, service discovery, RESTful APIs, deployment, and expert best practices. Whether you're just discovering Spring or leveling up to Spring 5.0, this Manning classic is your ticket! What's inside Building reactive applications Spring MVC for web apps and RESTful web services Securing applications with Spring Security Covers Spring 5.0 Over 100,000 copies sold! About the Reader For intermediate Java developers. About the Author Craig Walls is a principal software engineer at Pivotal, a popular author, an enthusiastic supporter of Spring Framework, and a frequent conference speaker.

Spring Boot in Action - Craig Walls 2015-12-16
Summary A developer-focused guide to writing applications using Spring Boot. You'll learn how to bypass the tedious configuration steps so that you can concentrate on your

application's behavior. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The Spring Framework simplifies enterprise Java development, but it does require lots of tedious configuration work. Spring Boot radically streamlines spinning up a Spring application. You get automatic configuration and a model with established conventions for build-time and runtime dependencies. You also get a handy command-line interface you can use to write scripts in Groovy. Developers who use Spring Boot often say that they can't imagine going back to hand configuring their applications. About the Book Spring Boot in Action is a developer-focused guide to writing applications using Spring Boot. In it, you'll learn how to bypass configuration steps so you can focus on your application's behavior. Spring expert Craig Walls uses interesting and practical examples to teach you both how to use the default settings effectively and how to override and customize Spring Boot for your unique environment. Along the way, you'll pick up insights from Craig's years of Spring development experience. What's Inside Develop Spring apps more efficiently Minimal to no configuration Runtime metrics with the Actuator Covers Spring Boot 1.3 About the Reader Written for readers familiar with the Spring Framework. About the Author Craig Walls is a software developer, author of the popular book Spring in Action, Fourth Edition, and a frequent speaker at conferences. Table of Contents Bootstarting Spring Developing your first Spring Boot application Customizing configuration Testing with Spring Boot Getting Groovy with the Spring Boot CLI Applying Grails in Spring Boot Taking a peek inside with the Actuator Deploying Spring Boot applications APPENDIXES Spring Boot developer tools Spring Boot starters

Configuration properties Spring Boot dependencies
Enterprise Integration Patterns - Gregor Hohpe 2012-03-09 Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Hands-On Microservices – Monitoring and Testing - Dinesh Rajput 2018-10-30 Learn and implement various techniques related to testing, monitoring and optimization for microservices architecture. Key Features Learn different approaches for testing microservices to design and implement, robust and secure applications Become more efficient while working with microservices Explore Testing and Monitoring tools such as JMeter, Ready API,and AppDynamics Book Description Microservices are the latest

"right" way of developing web applications. Microservices architecture has been gaining momentum over the past few years, but once you've started down the microservices path, you need to test and optimize the services. This book focuses on exploring various testing, monitoring, and optimization techniques for microservices. The book starts with the evolution of software architecture style, from monolithic to virtualized, to microservices architecture. Then you will explore methods to deploy microservices and various implementation patterns. With the help of a real-world example, you will understand how external APIs help product developers to focus on core competencies. After that, you will learn testing techniques, such as Unit Testing, Integration Testing, Functional Testing, and Load Testing. Next, you will explore performance testing tools, such as JMeter, and Gatling. Then, we deep dive into monitoring techniques and learn performance benchmarking of the various architectural components. For this, you will explore monitoring tools such as Appdynamics, Dynatrace, AWS CloudWatch, and Nagios. Finally, you will learn to identify, address, and report various performance issues related to microservices. What you will learn Understand the architecture of microservices and how to build services Establish how external APIs help to accelerate the development process Understand testing techniques, such as unit testing, integration testing, end-to-end testing, and UI/functional testing Explore various tools related to the performance testing, monitoring, and optimization of microservices Design strategies for performance testing Identify performance issues and fine-tune performance Who this book is for This book is for developers who are involved with microservices architecture to develop robust and secure applications. Basic knowledge of microservices is essential in

order to get the most out of this book.

Java/J2EE Job Interview Companion - Arulkumaran Kumaraswamipillai 2007 400+ Java/J2EE Interview questions with clear and concise answers for: job seekers (junior/senior developers, architects, team/technical leads), promotion seekers, pro-active learners and interviewers. Lulu top 100 best seller. Increase your earning potential by learning, applying and succeeding. Learn the fundamentals relating to Java/J2EE in an easy to understand questions and answers approach. Covers 400+ popular interview Q&A with lots of diagrams, examples, code snippets, cross referencing and comparisons. This is not only an interview guide but also a quick reference guide, a refresher material and a roadmap covering a wide range of Java/J2EE related topics. More Java J2EE interview questions and answers & resume resources at http:

//www.lulu.com/java-succes Cracking Spring Microservices Interviews - Munish Chandel 2018-02-28 This ebook discusses 100 plus real problems and their solutions for microservices architecture based on Spring Boot, Spring Cloud, Cloud Native Applications. It covers core concepts of microservices architecture, various design patterns, interview questions & answers, security in microservices, testing strategies and best practices in distributed system design. Table of Contents: 1. Core concepts related Spring powered microservices architecture 2. Introduction to Spring Boot, Spring Cloud, Cloud Native Applications, Netflix OSS 3. Design Patterns in microservices architecture - API Gateway, Hystrix, etc. 4. 100 plus Interview Questions 5. Security - OAuth2 and JWT 6. Testing Strategies in microservices architecture 7. Best Practices and common pitfalls Spring 5.0 By Example - Claudio Eduardo de Oliveira

2018-02-26
Discover the real power of Spring Framework 5.0 and learn to create powerful applications in its newest version Key Features Learn reactive programming by implementing a reactive application with Spring Webflux Create a robust and scalable messaging application with Spring messaging support Apply your knowledge to build three real-world projects in Spring Book Description With growing demands, organizations are looking for systems that are robust and scalable. Therefore, the Spring Framework has become the most popular framework for Java development. It not only simplifies software development but also improves developer productivity. This book covers effective ways to develop robust applications in Java using Spring. The book has three parts, where each one covers the building of a comprehensive project in Java and Spring. In the first part, you will construct a CMS Portal using Spring's support for building REST APIs. You will also learn to integrate these APIs with AngularJS and later develop this application in a reactive fashion using Project Reactor, Spring WebFlux, and Spring Data. In the second part, you'll understand how to build a messaging application, which will consume the Twitter API and perform filtering and transformations. Here, you will also learn about server-sent events and explore Spring's support for Kotlin, which makes application development quick and efficient. In the last part, you will build a real microservice application using the most important techniques and patterns such as service discovery, circuit breakers, security, data streams, monitoring, and a lot more from this architectural style. By the end of the book, you will be confident about using Spring to build your applications. What you will learn Implement REST APIs with Spring REST support Introduce the Spring Boot and understand how it makes creating robust applications extremely simple Understand

how Spring Data helps us add persistence in MongoDB and SQL databases Introduce Reactive Programming and use this with Spring Webflux Implement a Reactive REST client and learn how it can create asynchronous applications Create a robust, scalable, and fault tolerant application with Spring Messaging Implement a websocket to add interactive behaviors in your applications Introduce the Spring Cloud projects Who this book is for If you're a developer starting out with Spring, then this book will help you learn about the new Spring 5.0 framework concepts followed by their implementation in Java and Kotlin. The book will also help experienced Spring developers gain insights into the new features added in Spring 5.0.

Java Coding Problems - Anghel Leonard 2019-09-20 Develop your coding skills by exploring Java concepts and techniques such as Strings, Objects and Types, Data Structures and Algorithms, Concurrency, and Functional programming Key Features Solve Java programming challenges and get interview-ready by using the power of modern Java 11 Test your Java skills using language features, algorithms, data structures, and design patterns Explore areas such as web development, mobile development, and GUI programming Book Description The super-fast evolution of the JDK between versions 8 and 12 has increased the learning curve of modern Java, therefore has increased the time needed for placing developers in the Plateau of Productivity. Its new features and concepts can be adopted to solve a variety of modern-day problems. This book enables you to adopt an objective approach to common problems by explaining the correct practices and decisions with respect to complexity, performance, readability, and more. Java Coding Problems will help you complete your daily tasks and meet deadlines. You can count on the 300+ applications containing 1,000+

examples in this book to cover the common and fundamental areas of interest: strings, numbers, arrays, collections, data structures, date and time, immutability, type inference, Optional, Java I/O, Java Reflection, functional programming, concurrency and the HTTP Client API. Put your skills on steroids with problems that have been carefully crafted to highlight and cover the core knowledge that is accessed in daily work. In other words (no matter if your task is easy, medium or complex) having this knowledge under your tool belt is a must, not an option. By the end of this book, you will have gained a strong understanding of Java concepts and have the confidence to develop and choose the right solutions to your problems. What you will learn Adopt the latest JDK 11 and JDK 12 features in your applications Solve cutting-edge problems relating to collections and data structures Get to grips with functional-style programming using lambdas Perform asynchronous communication and parallel data processing Solve strings and number problems using the latest Java APIs Become familiar with different aspects of object immutability in Java Implement the correct practices and clean code techniques Who this book is for If you are a Java developer who wants to level-up by solving real-world problems, then this book is for you. Working knowledge of Java is required to get the most out of this book.
Top 1000 Java Interview Questions and Answers: Includes Spring, Hibernate, Microservices, GIT, Maven, JSP, AWS, Cloud Computing - Knowledge Powerhouse 2018-05-06
This is the ultimate book for interview preparation for Java jobs. It has questions on Java, Stream, Collections, Multi-threading, Spring, Hibernate, JSP, Design patterns, GIT, Maven, AWS and Cloud computing. It is a digest of questions from multiple sources. It covers almost all the technical areas of an interview for Java engineer position. The

difficulty level of questions in this book vary from beginner to expert level.Once you go through this book, you will be very well prepared for facing Java interview for an experienced Software Developer.This books also contains Java tricky Interview questions, Java 8, Microserivces and AWS questions. Technical job applicants save pervious time in interview preparation by reading this book. You do not have to waste time in searching for questions and answers online. This books is your main book for Java based jobs.

Flutter Complete Reference - Alberto Miola 2020-09-30 Flutter is Google's UI toolkit for creating beautiful and native applications for mobile, desktop and web from a single Dart codebase. In this book we cover in detail the Dart programming language (version 2.10, with null safety support) and the Flutter framework (version 1.20). While reading the chapters, you'll find a lot of good practices, tips and performance advices to build high quality products. The book is divided in 3 parts. PART 1: It's about the Dart programming language (classes, exceptions, inheritance, null safety, streams, SOLID principles...). PART 2. It's about the Flutter framework (localization, routing, state management with Bloc and Provider, testing, performances with DevTools, animations...). PART 3. It's a long collection of examples (using Firestore, monetizing apps, using gestures, networking, publishing packages at pub.dev, race recognition with ML kits, playing audio and video...). The official website of the book contains the complete source code of the examples and a "Quiz Game" to test your Dart and Flutter skills!

Coding Interviews - Harry He 2013-01-31 This book is about coding interview questions from software and Internet companies. It covers five key factors which determine performance of candidates: (1)

the basics of programming languages, data structures and algorithms, (2) approaches to writing code with high quality, (3) tips to solve difficult problems, (4) methods to optimize code, (5) soft skills required in interviews. The basics of languages, algorithms and data structures are discussed as well as questions that explore how to write robust solutions after breaking down problems into manageable pieces. It also includes examples to focus on modeling and creative problem solving. Interview questions from the most popular companies in the IT industry are taken as examples to illustrate the five factors above. Besides solutions, it contains detailed analysis, how interviewers evaluate solutions, as well as why they like or dislike them. The author makes clever use of the fact that interviewees will have limited time to program meaningful solutions which in turn, limits the options an interviewer has. So the author covers those bases. Readers will improve their interview performance after reading this book. It will be beneficial for them even after they get offers, because its topics, such as approaches to analyzing difficult problems, writing robust code and optimizing, are all essential for high-performing coders.
Spring 5 Design Patterns - , Dinesh Rajput 2017-10-06 Learn various design patterns and best practices in Spring 5 and use them to solve common design problems. About This Book Explore best practices for designing an application Manage your code easily with Spring's Dependency Injection pattern Understand the benefits that the right design patterns can offer your toolkit Who This Book Is For This book is for developers who would like to use design patterns to address common problems while designing an app using the Spring Framework and Reactive Programming approach. A basic knowledge of the Spring Framework and Java is assumed. What You Will Learn Develop applications using dependency injection

patterns Learn best practices to design enterprise applications Explore Aspect-Oriented Programming relating to transactions, security, and caching. Build web applications using traditional Spring MVC patterns Learn to configure Spring using XML, annotations, and Java. Implement caching to improve application performance. Understand concurrency and handle multiple connections inside a web server. Utilizing Reactive Programming Pattern to build Reactive web applications. In Detail Design patterns help speed up the development process by offering well tested and proven solutions to common problems. These patterns coupled with the Spring framework offer tremendous improvements in the development process. The book begins with an overview of Spring Framework 5.0 and design patterns. You will understand the Dependency Injection pattern, which is the main principle behind the decoupling process that Spring performs, thus making it easier to manage your code. You will learn how GoF patterns can be used in Application Design. You will then learn to use Proxy patterns in Aspect Oriented Programming and remoting. Moving on, you will understand the JDBC template patterns and their use in abstracting database access. Then, you will be introduced to MVC patterns to build Reactive web applications. Finally, you will move on to more advanced topics such as Reactive streams and Concurrency. At the end of this book, you will be well equipped to develop efficient enterprise applications using Spring 5 with common design patterns Style and approach The book takes a pragmatic approach, showing various design patterns and best-practice considerations, including the Reactive programming approach with the Spring 5 Framework and ways to solve common development and design problems for enterprise applications.

Java Generics and Collections - Maurice Naftalin

2007
This book, written by one of the designers of generics, is a thorough explanation of how to use generics, and particularly, the effect this facility has on the way developers use collections.

RESTful Java Web Services Interview Questions You'll Most Likely Be Asked: Second Edition - Vibrant Publishers · 200 RESTful Java Web Services Interview Questions · 75 HR Interview Questions · Real life scenario-based questions · Strategies to respond to interview questions · 2 Aptitude Tests These questions are across a wide range of topics. Some of the topics included are: - REST Basics (Introduction to REST, HTTP, etc) - JAX-RS (Standard Java API for REST services) - Spring REST (Another very popular REST implementation for Java) - JSON (Data interchange format for REST) - Postman (Very popular testing tool for REST services) - Swagger (Very popular documentation tool for REST) RESTful Java Web Services Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to impress the interviewer. Includes: a) 200 RESTful Java Web Services Interview Questions, Answers and proven strategies for getting hired as an IT professional b) Dozens of examples to respond to interview questions c) 75 HR Questions with Answers and proven strategies to give specific, impressive, answers that help nail the interviews d) 2 Aptitude Tests download available on www.vibrantpublishers.com **Spring Security in Action** - Laurentiu Spilca 2020-11-03 Spring Security in Action shows you how to prevent cross-site scripting and request

forgery attacks before they do damage. You'll start with the basics, simulating password upgrades and adding multiple types of authorization. As your skills grow, you'll adapt Spring Security to new architectures and create advanced OAuth2 configurations. By the time you're done, you'll have a customized Spring Security configuration that protects against threats both common and extraordinary. Summary While creating secure applications is critically important, it can also be tedious and time-consuming to stitch together the required collection of tools. For Java developers, the powerful Spring Security framework makes it easy for you to bake security into your software from the very beginning. Filled with code samples and practical examples, Spring Security in Action teaches you how to secure your apps from the most common threats, ranging from injection attacks to lackluster monitoring. In it, you'll learn how to manage system users, configure secure endpoints, and use OAuth2 and OpenID Connect for authentication and authorization. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Security is non-negotiable. You rely on Spring applications to transmit data, verify credentials, and prevent attacks. Adopting "secure by design" principles will protect your network from data theft and unauthorized intrusions. About the book Spring Security in Action shows you how to prevent cross-site scripting and request forgery attacks before they do damage. You'll start with the basics, simulating password upgrades and adding multiple types of authorization. As your skills grow, you'll adapt Spring Security to new architectures and create advanced OAuth2 configurations. By the time you're done, you'll have a customized Spring Security configuration that protects against threats both common and extraordinary. What's

inside Encoding passwords and authenticating users Securing endpoints Automating security testing Setting up a standalone authorization server About the reader For experienced Java and Spring developers. About the author Laurentiu Spilca is a dedicated development lead and trainer at Endava, with over ten years of Java experience. Table of Contents PART 1 - FIRST STEPS 1 Security Today 2 Hello Spring Security PART 2 - IMPLEMENTATION 3 Managing users 4 Dealing with passwords 5 Implementing authentication 6 Hands-on: A small secured web application 7 Configuring authorization: Restricting access 8 Configuring authorization: Applying restrictions 9 Implementing filters 10 Applying CSRF protection and CORS 11 Hands-on: A separation of responsibilities 12 How does OAuth 2 work? 13 OAuth 2: Implementing the authorization server 14 OAuth 2: Implementing the resource server 15 OAuth 2: Using JWT and cryptographic signatures 16 Global method security: Pre- and postauthorizations 17 Global method security: Pre- and postfiltering 18 Hands-on: An OAuth 2 application 19 Spring Security for reactive apps 20 Spring Security testing **Grokking the Java Interview** - Javin Paul 2021-01-26 Cracking Java Interview is not easy and one of the main reasons for that is Java is very vast. There are a lot of concepts and APIs to master to become a decent Java developer. Many people who are good at general topics like Data Structure and Algorithms, System Design, SQL, and Database fail to crack the Java interview because they don't spend time to learn the Core Java concepts and essential APIs and packages like Java Collection Framework, Multithreading, JVM Internals, JDBC, Design Patterns, and Object-Oriented Programming. This book aims to fill that gap and introduce you to classical Java interview questions from these topics. By going through these questiosn and topic you will not only expand your

knowledge but also get ready for your Next Java interview. If you are preparing for Java interviews then I highly recommend you to go through these questions befor your telephonic or face-to-face interviews, you will not only gain confidence and knowelge to answer the question but also learn how to drive Java interview in your favor. This is the single most important tip I can give you as a Java developer. Always, remember, your answers drive interviews, and these questions will show you how to drive Interviewer to your strong areas. All the best for the Java interview and if you have any questions or feedback you can always contact me on twitter javinpaul (http: //twitter.com/javinpaul) or comment on my blogs Javarevisited(http: //javarevisited.blogspot.com) and Java67(http: //java67.c

Deep Learning for Coders with fastai and PyTorch - Jeremy Howard 2020-06-29
Deep learning is often viewed as the exclusive domain of math PhDs and big tech companies. But as this hands-on guide demonstrates, programmers comfortable with Python can achieve impressive results in deep learning with little math background, small amounts of data, and minimal code. How? With fastai, the first library to provide a consistent interface to the most frequently used deep learning applications. Authors Jeremy Howard and Sylvain Gugger, the creators of fastai, show you how to train a model on a wide range of tasks using fastai and PyTorch. You'll also dive progressively further into deep learning theory to gain a complete understanding of the algorithms behind the scenes. Train models in computer vision, natural language processing, tabular data, and collaborative filtering Learn the latest deep learning techniques that matter most in practice Improve accuracy, speed, and reliability by understanding how deep learning models work Discover how to turn your models into web applications Implement deep learning algorithms from

scratch Consider the ethical implications of your work Gain insight from the foreword by PyTorch cofounder, Soumith Chintala
A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE) - Project Management Institute Project Management Institute 2021-08-01
PMBOK&® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK&® Guide &– Seventh Edition is structured around eight project performance domains.This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes.This edition of the PMBOK&® Guide:•Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.);•Provides an entire section devoted to tailoring the development approach and processes;•Includes an expanded list of models, methods, and artifacts;•Focuses on not just delivering project outputs but also enabling outcomes; and•Integrates with PMIstandards+™ for information and standards application content based on project type, development approach, and industry sector.
ASP.NET MVC Interview Questions and Answers - Shailendra Chauhan 2014-03-10
This book covers useful Interview Questions and Answers on ASP.NET MVC. This book is appropriate for novice as well as for senior level professionals who wants to strengthen their skills before appearing for an interview on

ASP.NET MVC. This book is equally helpful to sharpen their programming skills and understanding ASP.NET MVC in a short time. This book is not only the ASP.NET MVC interview book but it is more than that. This book helps you to get the depth knowledge of ASP.NET MVC with a simple and elegant way. I hope you will enjoy this book and find it useful. At the same time I also encourage you to become a continue reader of the blog www.dotnet-tricks.com and be the part of the discussion. But most importantly practice a lot and enjoy the technology. That's what it's all about.

Cracking the Coding Interview - Gayle Laakmann McDowell 2011
Now in the 5th edition, Cracking the Coding Interview gives you the interview preparation you need to get the top software developer jobs. This book provides: 150 Programming Interview Questions and Solutions: From binary trees to binary search, this list of 150 questions includes the most common and most useful questions in data structures, algorithms, and knowledge based questions. 5 Algorithm Approaches: Stop being blind-sided by tough algorithm questions, and learn these five approaches to tackle the trickiest problems. Behind the Scenes of the interview processes at Google, Amazon, Microsoft, Facebook, Yahoo, and Apple: Learn what really goes on during your interview day and how decisions get made. Ten Mistakes Candidates Make -- And How to Avoid Them: Don't lose your dream job by making these common mistakes. Learn what many candidates do wrong, and how to avoid these issues. Steps to Prepare for Behavioral and Technical Questions: Stop meandering through an endless set of questions, while missing some of the most important preparation techniques. Follow these steps to more thoroughly prepare in less time.
Cloud Native Java - Josh Long 2017-08-11
What separates the traditional enterprise from the likes of Amazon, Netflix, and Etsy?

Those companies have refined the art of cloud native development to maintain their competitive edge and stay well ahead of the competition. This practical guide shows Java/JVM developers how to build better software, faster, using Spring Boot, Spring Cloud, and Cloud Foundry. Many organizations have already waded into cloud computing, test-driven development, microservices, and continuous integration and delivery. Authors Josh Long and Kenny Bastani fully immerse you in the tools and methodologies that will help you transform your legacy application into one that is genuinely cloud native. In four sections, this book takes you through: The Basics: learn the motivations behind cloud native thinking; configure and test a Spring Boot application; and move your legacy application to the cloud Web Services: build HTTP and RESTful services with Spring; route requests in your distributed system; and build edge services closer to the data Data Integration: manage your data with Spring Data, and integrate distributed services with Spring's support for event-driven, messaging-centric architectures Production: make your system observable; use service brokers to connect stateful services; and understand the big ideas behind continuous delivery

Java/J2EE Interview Questions You'll Most Likely Be Asked - Vibrant Publishers 2016-12-19
· 280 Java/J2EE Interview Questions · 75 HR Interview Questions · Real life scenario based questions · Strategies to respond to interview questions · 2 Aptitude Tests Java/J2EE Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to

impress the interviewer. The following is included in this book: a) 200 Hadoop BIG DATA Interview Questions, Answers and Proven Strategies for getting hired as an IT professional b) Dozens of examples to respond to interview questions c) 75 HR Questions with Answers and Proven strategies to give specific, impressive, answers that help nail the interviews d) 2 Aptitude Tests download available on www.vibrantpublishers.com
Spring Data Standard Guide - Petri Kainulainen 2012-11-05 Implement JPA repositories and harness the performance of Redis in your applications.
Mastering Spring 5.0 - Ranga Rao Karanam 2017-06-28 Develop cloud native applications with microservices using Spring Boot, Spring Cloud, and Spring Cloud Data Flow About This Book Explore the new features and components in Spring Evolve towards micro services and cloud native applications Gain powerful insights into advanced concepts of Spring and Spring Boot to develop applications more effectively Understand the basics of Kotlin and use it to develop a quick service with Spring Boot Who This Book Is For This book is for an experienced Java developer who knows the basics of Spring, and wants to learn how to use Spring Boot to build applications and deploy them to the cloud. What You Will Learn Explore the new features in Spring Framework 5.0 Build microservices with Spring Boot Get to know the advanced features of Spring Boot in order to effectively develop and monitor applications Use Spring Cloud to deploy and manage applications on the Cloud Understand Spring Data and Spring Cloud Data Flow Understand the basics of reactive programming Get to know the best practices when developing applications with the Spring Framework Create a new project using Kotlin and implement a couple of basic services with unit and integration testing In Detail Spring 5.0 is due to arrive with

a myriad of new and exciting features that will change the way we've used the framework so far. This book will show you this evolution—from solving the problems of testable applications to building distributed applications on the cloud. The book begins with an insight into the new features in Spring 5.0 and shows you how to build an application using Spring MVC. You will realize how application architectures have evolved from monoliths to those built around microservices. You will then get a thorough understanding of how to build and extend microservices using Spring Boot. You will also understand how to build and deploy Cloud-Native microservices with Spring Cloud. The advanced features of Spring Boot will be illustrated through powerful examples. We will be introduced to a JVM language that's quickly gaining popularity - Kotlin. Also, we will discuss how to set up a Kotlin project in Eclipse. By the end of the book, you will be equipped with the knowledge and best practices required to develop microservices with the Spring Framework. Style and approach This book follows an end-to-end tutorial approach with lots of examples and sample applications, covering the major building blocks of the Spring framework.

Java Professional Interview Guide - Mandar Maheshwar Jog 2021-08-24
An Ultimate Solution to Crack Java interview KEY FEATURES ● Start identifying responses for various interviews for Java architecture. ● Solutions to real Java scenarios and applications across the industry. ● Understand the various perspectives of Java concepts from the interviewer's point of view. DESCRIPTION Java Professional Interview Guide aims at helping engineers who want to work in Java. The book covers nearly every aspect of Java, right from the fundamentals of core Java to advanced features such as lambdas and functional programming. Each concept's topics begin with an overview, followed by a discussion of the

interview questions. Additionally, the book discusses the frameworks, Hibernate and Spring. The questions included in each topic will undoubtedly help you feel more confident during the technical interview, which will increase your chances of being selected. You will gain an understanding of both the interviewer and the interviewee's psychology. This book will help you build a solid foundation of Java, the Java architecture, and how to answer questions about Java's internal operations. You will begin to experience interview questions that cover all of Java's major concepts, from object orientation to collections. You will be able to investigate how objects are constructed and what the fundamental properties of OOPs are. Additionally, you will learn how to handle exceptions and work with files and collections. We'll cover advanced topics like functional programming and design patterns in the final chapters. The section also covers

questions on Java web application development. Finally, you will be able to learn how to answer questions using industry-standard frameworks like Spring and Hibernate. WHAT YOU WILL LEARN ● How to prepare before an actual technical interview? ● You will learn how to understand an interviewer's mindset. ● What kind of questions can be asked and how can they be answered? ● How to deal with cross-examination questions in an interview. ● How can the interviewer reframe the questions and how can you provide solutions? WHO THIS BOOK IS FOR This book is intended for both new and experienced candidates preparing for the Java Developer Interview. Although the book provides an overview of all Java and J2EE concepts, prior knowledge of basic Java is required. TABLE OF CONTENTS 1. The Preparation Beyond Technology 2. Architecture of Java 3. Object Orientation in Java 4. Handling Exception 5. File Handling 6.

Concurrency 7. JDBC 8.
Collections 9. Miscellaneous
10. Functional Programming
11. Design Patterns 12. Basics
of Web 13. Spring and Spring
Boot 14. Hibernate
*Software Architecture with
Spring 5.0* - René Enríquez
2018-08-31
Discover how different
software architectural models
can help you solve problems,
and learn best practices for the
software development cycle
Key Features Learn concepts
related to software
architecture and embrace them
using the latest features of
Spring 5 Discover architectural
models and learn when to
apply them Gain knowledge of
architectural principles and
how they can be used to
provide accountability and
rationale for architectural
decisions Book Description
Spring 5 and its ecosystem can
be used to build robust
architectures effectively.
Software architecture is the
underlying piece that helps us
accomplish our business goals
whilst supporting the features
that a product demands. This
book explains in detail how to
choose the right architecture
and apply best practices during
your software development
cycle to avoid technical debt
and support every business
requirement. Choosing the
right architecture model to
support your business
requirements is one of the key
decisions you need to take
when a new product is being
created from scratch or is
being refactored to support
new business demands. This
book gives you insights into the
most common architectural
models and guides you when
and where they can be used.
During this journey, you'll see
cutting-edge technologies
surrounding the Spring
products, and understand how
to use agile techniques such as
DevOps and continuous
delivery to take your software
to production effectively. By
the end of this book, you'll not
only know the ins and outs of
Spring, but also be able to
make critical design decisions
that surpass your clients'
expectations. What you will
learn Understand the key

principles of software architecture Uncover the most common architectural models available Analyze scenarios where an architecture model should be used Implement agile techniques to take your software to production Secure the products you are working on Master tricks that will help you build high-performant applications Use cutting-edge technologies to build products Who this book is for If you're an experienced Spring developer aspiring to become an architect of enterprise-grade applications, this book is for you. It's also ideal for software architects who want to leverage Spring to create effective application blueprints. 680 Dot Net (.NET) Framework Interview Questions and Answers - Vamsee Puligadda Knowledge for Free... Get that job, you aspire for! Want to switch to that high paying job? Or are you already been preparing hard to give interview the next weekend? Do you know how many people get rejected in interviews by preparing only concepts but not focusing on actually which questions will be asked in the interview? Don't be that person this time. This is the most comprehensive Dot Net (.NET) framework interview questions book that you can ever find out. It contains: 680 most frequently asked and important Dot NET (.NET) framework interview questions and answers Wide range of questions which cover not only basics in new microsoft dotnet framework but also most advanced and complex questions which will help freshers, experienced professionals, senior developers, testers to crack their interviews.

Top 100 Spring Interview Questions and Answers - Knowledge Powerhouse 2016-12-12 This book contains basic to expert level Spring interview questions that an interviewer asks. Each question is accompanied with an answer so that you can prepare for job interview in short time. We have compiled this list after attending dozens of technical

interviews in top-notch companies like- Google, Facebook, Ebay, Amazon etc.Often, these Spring questions and concepts are used in our daily programming work. But these are most helpful when an Interviewer is trying to test your deep knowledge of Spring.Sample questions are:What are the cases in which Autowiring may not work in Spring framework?Given a choice between declarative and programmatic Transaction Management, which method will you choose?Is it allowed to inject null or empty String values in Spring?What are the different types of events provided by Spring framework?What are the benefits provided by Spring Framework's Transaction Management?What is the difference between DispatcherServlet and ContextLoaderListener in Spring?What is a Java-based Configuration in Spring?What is the difference between Full @Configuration and 'lite' @Beans mode?In Spring framework, what is Annotation-based container configuration?How will you switch on Annotation based wiring in Spring?What are the two ways to enable RequiredAnnotationBeanPostProcessor in Spring?What is @Qualifier annotation in Spring?How Spring framework makes JDBC coding easier for developers?What are the benefits of using Spring DAO?What are the different ways to use Hibernate in Spring?What types of Object Relational Mapping (ORM) are supported by Spring?How will you integrate Spring and Hibernate by using HibernateDaoSupport?What are the different types of the Transaction Management supported by Spring framework?What is Aspect Oriented Programming (AOP)What is an Aspect in Spring?In Spring AOP, what is the main difference between a Concern and a Cross cutting concern?What is a Joinpoint in Spring AOP?What is an Advice in Spring AOP?What are the different types of Advice in

Spring AOP?What is a Pointcut in Spring AOP?What is an Introduction in Spring AOP?What is a Target object in Spring AOP?What is a Proxy in Spring AOP?What are the different types of AutoProxy creators in Spring?What is Weaving in Spring AOP?In Spring AOP, Weaving is done at compile time or run time?What is XML Schema-based Aspect implementation?What is Annotation-based aspect implementation in Spring AOP?How does Spring MVC framework work?What is DispatcherServlet?Can we have more than one DispatcherServlet in Spring MVC?What is WebApplicationContext in Spring MVC?What is Controller in Spring MVC framework?What is @Controller annotation in Spring MVC?What is @RequestMapping annotation in Spring?What are the main features of Spring MVC?What is the difference between a Singleton and Prototype bean in Spring?How will you decide which scope- Prototype or Singleton to use for a bean in Spring?What is the difference between Setter and Constructor based Dependency Injection (DI) in Spring framework?What are the drawbacks of Setter based Dependency Injection (DI) in Spring?What are the differences between Dependency Injection (DI) and Factory Pattern?In Spring framework, what is the difference between FileSystemResource and ClassPathResource?Name some popular Spring framework annotations that you use in your project?How can you upload a file in Spring MVC Application'http://www.knowledgepowerhouse.com *Hibernate, Spring & Struts Interview Questions You'll Most Likely Be Asked* - Vibrant Publishers 2016-12-12 · 300 Hibernate, Spring & Struts Interview Questions · 78 HR Interview Questions · Real life scenario based questions · Strategies to respond to interview questions · 2

Aptitude Tests Hibernate, Spring & Struts Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to impress the interviewer. The following is included in this book: (a) 300 Hibernate, Spring & Struts Interview Questions, Answers and proven strategies for getting hired as an IT professional (b) Dozens of examples to respond to interview questions (c) 78 HR Questions with Answers and proven strategies to give specific, impressive, answers that help nail the interviews (d) 2 Aptitude Tests download available on www.vibrantpublishers.com **Mastering Spring Boot 2.0** - Dinesh Rajput 2018-05-31

Learn to develop, test, and deploy your Spring Boot distributed application and explore various best practices. Key Features Build and deploy your microservices architecture in the cloud Build event-driven resilient systems using Hystrix and Turbine Explore API management tools such as KONG and API documentation tools such as Swagger Book Description Spring is one of the best frameworks on the market for developing web, enterprise, and cloud ready software. Spring Boot simplifies the building of complex software dramatically by reducing the amount of boilerplate code, and by providing production-ready features and a simple deployment model. This book will address the challenges related to power that come with Spring Boot's great configurability and flexibility. You will understand how Spring Boot configuration works under the hood, how to overwrite default configurations, and how to use advanced techniques to

prepare Spring Boot applications to work in production. This book will also introduce readers to a relatively new topic in the Spring ecosystem – cloud native patterns, reactive programming, and applications. Get up to speed with microservices with Spring Boot and Spring Cloud. Each chapter aims to solve a specific problem or teach you a useful skillset. By the end of this book, you will be proficient in building and deploying your Spring Boot application. What you will learn Build logically structured and highly maintainable Spring Boot applications Configure RESTful microservices using Spring Boot Make the application production and operation-friendly with Spring Actuator Build modern, high-performance distributed applications using cloud patterns Manage and deploy your Spring Boot application to the cloud (AWS) Monitor distributed applications using log aggregation and ELK Who this book is for The book is targeted at experienced Spring and Java developers who have a basic knowledge of working with Spring Boot. The reader should be familiar with Spring Boot basics, and aware of its benefits over traditional Spring Framework-based applications.
Grokking The Spring Boot Interview - Javin Paul 2021-06-23
Java and Spring Developer Interviews are notoriously tough, not because they ask impossible algorithmic questions like Google or Amazon but because of the vast nature of Java API, Frameworks and Libraries. ! It's not enough for you to just know Java and expect that you will be able to clear Java Interviews. In order to pass the Java Interviews, you should also know essential Java frameworks like Spring, Spring Boot, and Hibernate. In my previous book, Grokking the Java Interview, I touched upon essential core Java topics like Collections, Multithreading, and Java Fundamentals and in this book, I have shared common Spring Framework

questions from Job interviews. Spring Framework is the most popular and almost a standard framework for developing Java applications, both core java as well as Java web application which runs on servers like Tomcat. Like Java, Spring Framework is also very vast and there are several sub-projects like Containers, Core Spring Concepts like IoC and Dependency Injection, Spring MVC, Spring Boot, Spring Data JPA, Testing, and miscellaneous Spring APIs. This book contains frequently asked questions from essential Spring topics like 1. Container, Dependency, and IOC 2. Spring Bean Lifecycle 3. Aspect-Oriented Programming (AOP) 4. Spring MVC 5. Spring Boot Intro 6. Spring Boot Auto Configuration 7. Spring Boot Starter Dependency 8. Spring Boot Actuator 9. Spring Boot CLI 10. Spring Boot Testing 11. Spring Cloud Questions 12. Spring Data JPA 13. Spring Security These questions are a compilation of my best Spring Boto articles which have been read by millions of Java developers and it is also my 10 years of experience writing Java and Spring articles, tutorials, and interview questions. If you are preparing for Java and Spring Boot interviews then I highly recommend you to go through these Spring Boot and Spring questions before your telephonic or face-to-face interviews, you will not only gain confidence and knowledge to answer the question but also learn how to drive Java interview in your favor. This book is also useful for Java developers who are preparing for the Spring Professional Certification Exam because I have tried to answer most of the questions from the Official Spring Certification Exam guide. This means you can use this as a review study guide for your spring certification preparation as well. All the best for the Java interview and if you have any questions or feedback you can always contact me on Twitter javinpaul or comment on my blogs Javarevisited and Java67 **TOP 30 Java Interview**

Coding Tasks - Matthew Urban 2018-07-04

Java Performance: The Definitive Guide - Scott Oaks 2014-04-10
Coding and testing are often considered separate areas of expertise. In this comprehensive guide, author and Java expert Scott Oaks takes the approach that anyone who works with Java should be equally adept at understanding how code behaves in the JVM, as well as the tunings likely to help its performance. You'll gain in-depth knowledge of Java application performance, using the Java Virtual Machine (JVM) and the Java platform, including the language and API. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the way Java 7 and 8 applications perform. Apply four principles for obtaining the best results from performance testing Use JDK tools to collect data on how a Java application is performing Understand the advantages and disadvantages of using a JIT compiler Tune JVM garbage collectors to affect programs as little as possible Use techniques to manage heap memory and JVM native memory Maximize Java threading and synchronization performance features Tackle performance issues in Java EE and Java SE APIs Improve Java-driven database application performance

Spring Recipes - Gary Mak 2010-12-28
The Spring framework is growing. It has always been about choice. Java EE focused on a few technologies, largely to the detriment of alternative, better solutions. When the Spring framework debuted, few would have agreed that Java EE represented the best-in-breed architectures of the day. Spring debuted to great fanfare, because it sought to simplify Java EE. Each release since marks the introduction of new features designed to both simplify and enable solutions. With version 2.0 and later, the Spring framework started targeting multiple platforms.

The framework provided services on top of existing platforms, as always, but was decoupled from the underlying platform wherever possible. Java EE is a still a major reference point, but it's not the only target. OSGi (a promising technology for modular architectures) has been a big part of the SpringSource strategy here. Additionally, the Spring framework runs on Google App Engine. With the introduction of annotation-centric frameworks and XML schemas, SpringSource has built frameworks that effectively model the domain of a specific problem, in effect creating domain-specific languages (DSLs). Frameworks built on top of the Spring framework have emerged supporting application integration, batch processing, Flex and Flash integration, GWT, OSGi, and much more.

Spring in Action - Craig Walls 2014-11-27
Brings readers up to speed with Spring 3.1 and then highlights some of the new Spring 3.2 features such as asynchronous Spring MVC Controllers, also covering testing support for Spring MVC controllers and RestTemplate-based clients. Original.

Java Programming Interviews Exposed - Noel Markham 2014-01-30
If you are a skilled Java programmer but are concerned about theJava coding interview process, this real-world guide can help youland your next position Java is a popular and powerful language that is a virtualrequirement for businesses making use of IT in their dailyoperations. For Java programmers, this reality offers job securityand a wealth of employment opportunities. But that perfect Javacoding job won't be available if you can't ace the interview. Ifyou are a Java programmer concerned about interviewing, JavaProgramming Interviews Exposed is a great resource to preparefor your next opportunity. Author Noel Markham is both anexperienced Java developer and interviewer, and has loaded his bookwith real

examples from interviews he has conducted. Review over 150 real-world Java interview questions you arelikely to encounter Prepare for personality-based interviews as well as highlytechnical interviews Explore related topics, such as middleware frameworks andserver technologies Make use of chapters individually for topic-specific help Use the appendix for tips on Scala and Groovy, two otherlanguages that run on JVMs Veterans of the IT employment space know that interviewing for aJava programming position isn't as simple as sitting down andanswering questions. The technical coding portion of the interviewcan be akin to a difficult puzzle or an interrogation. With JavaProgramming Interviews Exposed, skilled Java coders can preparethemselves for this daunting process and better arm themselves withthe knowledge and interviewing skills necessary to succeed.
CORE JAVA Interview Questions You'll Most Likely
Be Asked - Vibrant Publishers 2016-12-09
290 Core Java Interview Questions 77 HR Interview Questions Real life scenario based questions Strategies to respond to interview questions 2 Aptitude Tests Core Java Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to impress the interviewer. The following is included in this book: a) 290 CORE JAVA Interview Questions, Answers and proven strategies for getting hired as an IT professional b) Dozens of examples to respond to interview questions c) 77 HR Questions with Answers and proven strategies to give specific, impressive, answers

that help nail the interviews d)
2 Aptitude Tests download

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