

## Php Microservices

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Book Review Php Microservices

The speed and complexity of microservices-intensive applications often leave their developers in the dark. The creators too often struggle to track and visualize the actual underlying architecture of ...

How FinTech innovator Razorpay uses open-source tracing to manage fast-changing APIs  
Placing microservices in containers allows you to spin up as many ... Create a container that emulates the web hosting environment – with your own Apache, PHP, MySQL, and other server-side tools – and ...

How containers improve the way we develop software

Developing software using microservice design is the hot new approach. Microservices promise implementation flexibility, graceful scaling, faster delivery, and higher resiliency. But comprehensive ...

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Finding flexibility with microservices, containers, and runtimes

IBM: IBM is a DevOps leader, providing tooling across the lifecycle for applications from microservices to mainframe ... Ruby, Python, PHP and Node.js), and more than 60 frameworks are supported.

2018 DevOps Showcase

New support for traces allows developers to get deep insights into the performance of their applications with full SQL querying capabilities. NEW YORK--(BUSINESS WIRE)--Today, Timescale, the creators ...

Timescale Announces Support for OpenTelemetry Traces in Promscale

However, with the additional deployment of microservices, container orchestration, and other digitization processes, the need for engineering talent specializing in bridging the gap between ...

Hiring Kit: Platform Engineer

Engineering The Digital transformation leverages manufacturing's successful track record of improving productivity and quality and organizational change management principles. It's a training ...

MongoDB, Java and Object Relational Mapping

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Customers can now automate business workflows and build a single source of truth through deep integration between Revnue and external applications, systems, microservices, or data.LOS ...

Revnue Announces Launch of its Publicly Available APIs - Enabling Unlimited Enterprise-wide Integrations

In cloud-native environments, where virtualization is implemented via containers and apps triggered via microservices, where is the optimal level to enforce security? A few weeks back, ZDnet ...

Solo.io adds governance and security to Istio service meshes

Spain issues \$148 million fine on rail cartel involving Siemens, Nokia Spain's competition watchdog has fined eight companies including Siemens, Nokia and ACS a combined 127.

TELECOM – THIS WEEK (2141)

The company also released an early-access program for PHP and Python, and JetBrains plans to extend support to all languages and technologies down the road. It can also be run anywhere with a ...

JetBrains launches code quality platform Qodana

How? Dr. Bernard L. Palowitch, Jr., the president of Iknow LLC answers, “We have mastered the incorporation of cloud computing, open-source software, and microservices into KM

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solutions to help CIOs ...

Iknow LLC: Enabling Knowledge Management by Capitalizing on IT Trends

Bewildering growth in Privileged Identity Management Market was valued at US\$ 1997.87 Mn in 2018 and is expected to grow at a CAGR of 30.1% over the Forecast Period 2020-2027

Focusing on providing ...

Global Privileged Identity Management Market Present Scenario and Growth Prospects 2016-2021.

Console Connect's Software-Defined Interconnection® technology, supported by one of the world's largest Tier 1 networks, is combined with Stateless's microservices approach to layer three network ...

Console Connect and Stateless Integrate to Deliver On-Demand and Direct Access to Major Cloud Providers Worldwide

Microservices, Docker, Kubernetes, VMWare etc...) Proven track record in handling multiple customers/opportunities at the same time and driving the opportunities to a successful sales closure.

Technical Sales Engineer

The launched PaaS is open for all types of projects supporting both traditional (so called legacy) applications and cloud-native microservices ... that supports a wide-variety of

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technologies (PHP, ...

Jelastic PaaS Expanded for Educational Institutions with Reclaim Cloud Hosting in the USA, Canada and the United Kingdom and a microservices approach. LTI is also a Microsoft Azure Expert Managed Services Provider, a recognition which provides customers an access to expert level service, a broader range of Azure ...

LTI has Earned the Kubernetes on Microsoft Azure Advanced Specialization Translate business requirements into technical analysis & design and preparation of documents according to applicable standards microservices, java and spring. • Design and implement business ...

Senior Java Analyst & Programmer

Saidani, Islem, et al. "Towards Automated Microservices Extraction Using Multi-objective Evolutionary Search." International Conference on Service-Oriented Computing. (2019): 58-63. Web. « Makram, Soui ...

Transit from monolithic architectures to highly available, scalable, and fault-tolerant microservices About This Book Build your own applications based on event-driven

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microservices and set them up on a production server. Successfully transform any monolithic application into a microservice. Monitor the health of your application, prevent downtime, and reduce costs. Who This Book Is For PHP developers who want to build scalable, highly available, and secure applications will find this book useful. No knowledge of microservices is assumed. What You Will Learn Set up a development environment using the right strategies and tools. Learn about application design and structure to start implementing your application. Transform a monolithic application into microservices. Explore the best way to start implementing your application using testing. Understand how to monitor your microservices, handle errors, and debug the application. Deploy your finished application into a production environment and learn how to solve common problems. Know how to scale your application based on microservices once it is up—and-running. In Detail The world is moving away from bulky, unreliable, and high-maintenance PHP applications, to small, easy-to-maintain and highly available microservices and the pressing need is for PHP developers to understand the criticalities in building effective microservices that scale at large. This book will be a reliable resource, and one that will help you to develop your skills and teach you techniques for building reliable microservices in PHP. The book begins with an introduction to the world of microservices, and quickly shows you how to set up a development environment and build a basic platform using Docker and Vagrant. You will then get into the different design aspects to be considered while building microservices in your favorite framework and you will explore topics such as testing, securing, and deploying microservices. You will also understand how to migrate a monolithic application to the microservice architecture while keeping scalability and best practices in mind. Furthermore you will get into a few important DevOps techniques that

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will help you progress on to more complex domains such as native cloud development, as well as some interesting design patterns. By the end of this book you will be able to develop applications based on microservices in an organized and efficient way. You will also gain the knowledge to transform any monolithic applications into microservices. Style and approach Filled with code that you can start typing straightaway, this book will take you through building, testing, securing, and deploying microservices in the most practical way possible. The focus of the book is more inclined towards showing you how it's done, rather than with what to do, although you will get a good idea of those tools most widely used to build microservices.

Learn how to build RESTful API and web services in PHP 7 About This Book Leverage the Lumen framework to build RESTful API endpoints for your applications Understand how to increase efficiency and security of your web service. Learn to apply the concepts by implementing the examples covered in the book Who This Book Is For This book is for PHP developers who wish to learn about the REST architecture to be able to build and consume REST APIs in their applications. What You Will Learn Understand the REST API architecture and its benefits Write RESTful API web services in PHP 7 Address security-related issues in a REST API Leverage the importance of automated testing and write tests for API endpoints Identify security flaws in our current API endpoints and tackle them effectively Observe the working of Lumen microframeworks and write RESTful web services in it In Detail REST is the most wide spread and effective standard to develop APIs for internet services. With the way PHP and its eco-system has modernized the way code is written by simplifying various operations, it is useful to develop RESTful APIs with PHP 7 and modern tools. This book



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explains in detail how to create your own RESTful API in PHP 7 that can be consumed by other users in your organization. Starting with a brief introduction to the fundamentals of REST architecture and the new features in PHP 7, you will learn to implement basic RESTful API endpoints using vanilla PHP. The book explains how to identify flaws in security and design and teach you how to tackle them. You will learn about composer, Lumen framework and how to make your RESTful API cleaner, secure and efficient. The book emphasizes on automated tests, teaches about different testing types and give a brief introduction to microservices which is the natural way forward. After reading this book, you will have a clear understanding of the REST architecture and you can build a web service from scratch. Style and approach This book will get you started with REST architecture and will also teach you different methods to build web services from scratch.

Learn to write test-driven microservices, REST APIs, and web service APIs with PHP using the Lumen micro-framework, from the now popular Laravel family. This book shows you how testing APIs can help you write bullet-proof web application services and microservices. In the Lumen Programming Guide you will learn how to use Lumen—a micro-framework by Laravel—to write bullet-proof APIs. Lumen helps you write productive, maintainable APIs using modern application design. You will learn how to write fully-tested APIs and understand essential Lumen concepts used to build a solid foundation for writing API projects. What You Will Learn

- Maintain your API's database structure through built-in database migrations
- Write tests with factory data in a test database
- Respond with consistent data output in JSON
- Deal with PHP exceptions by using JSON responses
- Create, read, update, and delete REST resources

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Represent model associations in API responses Build a solid foundation for writing tests with PHPUnit and Mockery Validate data Who This Book Is For PHP developers with no Laravel experience. Only a basic understanding of HTTP and writing PHP applications is needed to get started.

44 reusable patterns to develop and deploy reliable production-quality microservices-based applications, with worked examples in Java Key Features 44 design patterns for building and deploying microservices applications Drawing on decades of unique experience from author and microservice architecture pioneer Chris Richardson A pragmatic approach to the benefits and the drawbacks of microservices architecture Solve service decomposition, transaction management, and inter-service communication Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Microservices Patterns teaches you 44 reusable patterns to reliably develop and deploy production-quality microservices-based applications. This invaluable set of design patterns builds on decades of distributed system experience, adding new patterns for composing services into systems that scale and perform under real-world conditions. More than just a patterns catalog, this practical guide with worked examples offers industry-tested advice to help you design, implement, test, and deploy your microservices-based application. What You Will Learn How (and why!) to use microservices architecture Service decomposition strategies Transaction management and querying patterns Effective testing strategies Deployment patterns This Book Is Written For Written for enterprise developers familiar with standard enterprise application architecture. Examples are in Java. About The Author Chris Richardson

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is a Java Champion, a JavaOne rock star, author of Manning's POJOs in Action, and creator of the original CloudFoundry.com. Table of Contents Escaping monolithic hell Decomposition strategies Interprocess communication in a microservice architecture Managing transactions with sagas Designing business logic in a microservice architecture Developing business logic with event sourcing Implementing queries in a microservice architecture External API patterns Testing microservices: part 1 Testing microservices: part 2 Developing production-ready services Deploying microservices Refactoring to microservices

This book covers latest topics including RESTful, RPC, SOAP, Microservices, Webhook, WSDL and more. I've provide working examples with code throughout the book. The code and examples are in PHP, JavaScript, JSON, XML, MySQL and WSDL. Each example has screen shot output so that you could match your output with the correct output I provide. I chose PHP to write this book because PHP is ready to develop RESTful and SOAP webservice. PHP is platform independent and widely used in developing data-driven Websites.

Develop robust and reusable code using a multitude of design patterns for PHP 7 About This Book Learn about advanced design patterns in PHP 7 Understand enhanced architectural patterns Learn to implement reusable design patterns to address common recurring problems Who This Book Is For This book is for PHP developers who wish to have better organization structure over their code through learning common methodologies to solve architectural problems against a backdrop of learning new functionality in PHP 7. What You Will Learn Recognize recurring problems in your code with Anti-Patterns Uncover object creation

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mechanisms using Creational Patterns Use Structural design patterns to easily access your code Address common issues encountered when linking objects using the splObserver classes in PHP 7 Achieve a common style of coding with Architectural Patterns Write reusable code for common MVC frameworks such as Zend, Laravel, and Symfony Get to know the best practices associated with design patterns when used with PHP 7 In Detail Design patterns are a clever way to solve common architectural issues that arise during software development. With an increase in demand for enhanced programming techniques and the versatile nature of PHP, a deep understanding of PHP design patterns is critical to achieve efficiency while coding. This comprehensive guide will show you how to achieve better organization structure over your code through learning common methodologies to solve architectural problems. You'll also learn about the new functionalities that PHP 7 has to offer. Starting with a brief introduction to design patterns, you quickly dive deep into the three main architectural patterns: Creational, Behavioral, and Structural popularly known as the Gang of Four patterns. Over the course of the book, you will get a deep understanding of object creation mechanisms, advanced techniques that address issues concerned with linking objects together, and improved methods to access your code. You will also learn about Anti-Patterns and the best methodologies to adopt when building a PHP 7 application. With a concluding chapter on best practices, this book is a complete guide that will equip you to utilize design patterns in PHP 7 to achieve maximum productivity, ensuring an enhanced software development experience. Style and approach The book covers advanced design patterns in detail in PHP 7 with the help of rich code-based examples.

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Use the many types of tools required to navigate and maintain a microservice ecosystem. This book examines what is normally a complex system of interconnected services and clarifies them one at a time, first examining theoretical requirements then looking at concrete tools, configuration, and workflows. Building out these systems includes many concerns such as containerization, container orchestration, build pipelines and continuous integration solutions, automated testing, service discovery, logging and analytics. You will examine each of these tools and understand how they can be combined within an organization. You will design an automated build pipeline from Pull Request to container deployment, understand how to achieve High Availability and monitor application health with Service Discovery, and learn how to collaborate with other teams, write documentation, and describe bugs. Covering use of Jenkins, Docker, Kubernetes, the ELK stack (Elasticsearch, Logstash, and Kibana), and StatsD and Grafana for analytics, you will build on your existing knowledge of Service-Oriented Architecture and gain an advanced, practical understanding of everything from infrastructure development to team collaboration. What You'll Learn Design an API to be convenient for developers to consume. Deploy dynamic instances of Microservices and allow them to discover each other. Track the health of a Microservice and be notified in case of degraded performance. Write effective documentation and communicate efficiently with other teams. Who This Book Is For Those who would like a better understanding of System Oriented Architecture. Those who would like to break a monolith into smaller Microservices. Those who are familiar with Microservices and would like a better understanding of peripheral technologies.

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Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and Application Services with PHP. They show how to apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

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Microservices can have a positive impact on your enterprise—just ask Amazon and Netflix—but you can fall into many traps if you don't approach them in the right way. This practical guide covers the entire microservices landscape, including the principles, technologies, and methodologies of this unique, modular style of system building. You'll learn about the experiences of organizations around the globe that have successfully adopted microservices. In three parts, this book explains how these services work and what it means to build an application the Microservices Way. You'll explore a design-based approach to microservice architecture with guidance for implementing various elements. And you'll get a set of recipes and practices for meeting practical, organizational, and cultural challenges to microservice adoption. Learn how microservices can help you drive business objectives Examine the principles, practices, and culture that define microservice architectures Explore a model for creating complex systems and a design process for building a microservice architecture Learn the fundamental design concepts for individual microservices Delve into the operational elements of a microservices architecture, including containers and service discovery Discover how to handle the challenges of introducing microservice architecture in your organization

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