

PHP Web Services: APIs For The Modern Web

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 workings 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 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.

Every developer working with the Web needs to read this book * - David Heinemeier Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it" - Adam Trachtenberg, PHP author and eBay Web Services Evangelist "You've built web sites that can be used by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to apply to create a success, and the techniques you need to turn your idea into working code. You can harness the power of the Web for programmable applications; you just have to work with the Web instead of against it. This book shows you how.

This book covers developing web applications with Ruby on Rails. It discusses Ajax, directory services, and web services. The book details the configuration of Ruby on Rails with different databases such as MySQL, Oracle and SQL Server 2005. In addition, it makes a comparison with PHP, the most commonly used scripting language for developing web applications. The book also provides example applications that may be modified to suit a developer's application.

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVMV and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

Working with APIs and PHP

FileMaker API for PHP 12

Ajax Design Patterns

Practical Php Mashups with Google Maps, Flickr, Amazon, Youtube, Msn Search, Yahoo!

Building APIs That Developers Love

Lumen Programming Guide

Learn the art of PHP programming through this example-rich book filled to the brim with tutorials every PHP developer needs to know About This Book Set up the PHP environment and get started with web programming Leverage the potential of PHP for server-side programming, memory management, and object-oriented programming (OOP) This book is packed with real-life examples to help you implement the concepts as you learn Who This Book Is For If you are a web developer or programmer who wants to create real-life web applications using PHP 7, or a beginner who wants to get started with PHP 7 programming, this book is for you. Prior knowledge of PHP, PHP 7, or programming is not mandatory. What You Will Learn Set up a server on your machine with PHP Use PHP syntax with the built-in server to create apps Apply the OOP paradigm to PHP to write richer code Use MySQL to manage data in your web applications Create a web application from scratch using MVC Add tests to your web application and write testable code Use an existing PHP framework to build and manage your applications Build REST APIs for your PHP applications Test the behavior of web applications with Behat In Detail PHP is a great language for building web applications. It is essentially a server-side scripting language that is also used for general purpose programming. PHP 7 is the latest version with a host of new features, and it provides major backwards-compatibility breaks. This book begins with the fundamentals of PHP programming by covering the basic concepts such as variables, functions, class, and objects. You will set up PHP server on your machine and learn to read and write procedural PHP code. After getting an understanding of OOP as a paradigm, you will execute MySQL queries on your database. Moving on, you will learn how to use MVC to create applications from scratch and add tests. Then, you will build REST APIs and perform behavioral tests on your applications. By the end of the book, you will have the skills required to read and write files, debug, test, and work with MySQL. Style and approach This book begins with the basics that all PHP developers use every day and then dives deep into detailed concepts and tricks to help you speed through development. You will be able to learn the concepts by performing practical tasks and implementing them in your daily activities, all at your own pace.

PHP Web ServicesAPIs for the Modern Web©O'Reilly Media, Inc.

PHP 7 in easy steps will teach you to code server-side scripts, and demonstrates every aspect of the language you will need to produce professional web programming results. Its examples provide clear syntax-highlighted code showing PHP language basics including variables, arrays, logic, looping, functions, and classes. PHP 7 in easy steps begins by explaining how to install a free web server and the PHP interpreter to create an environment in which you can produce your very own data-driven server-side web pages. You will learn how to write PHP server-side scripts and how to make MySQL database queries. Examples illustrate how to store and retrieve Session Data, how to provide a Message Board, and how to access Web Services APIs over HTTP. PHP 7 in easy steps has an easy-to-follow style that will appeal to: anyone who wants to begin producing data-driven web pages.web developers wanting to add server-side interaction to their web sites.the programmer who quickly wants to add PHP to their skills set.the hobbyist who wants to begin creating scripts for upload to their own ISP.the student, and to those seeking a career in computing, who want a fundamental understanding of server-side programming with PHP. Using examples with free downloadable source code throughout, this guide will help you get started straight away – for smart learning!

Create practical mashups in PHP grabbing and mixing data from Google Maps, Flickr, Amazon, YouTube, MSN Search, Yahoo!, Last.fm, and 411Synr.com!

Web Service APIs and Libraries

Creating Web 2.0 Sites with Programming and Usability Patterns

Web Services Essentials

Pro PHP XML and Web Services

PHP Web Services

Modern PHP

* One of the first books devoted solely to PHP security * Covers a wide swath of both defensive and proactive security measures, showing readers how to create captchas, validate email, fend off SQL injection attacks, and more * Methods discussed are compatible with PHP 3.4, and 5

Improved Speed, Accuracy, and Convenience—Yours for the Taking eBay is continuously improving the features it offers buyers and sellers. Now, the biggest improvements are ones you can build for yourself. Mining eBay Web Services teaches you to create custom applications that automate buying and selling tasks and make searches more precise. Do you have dozens of items to sell? You can prepare complete descriptions and terms and submit them all with one click. Are you searching for an item with special purchasing or shipping conditions? You can't do this manually, but your custom application can. Would you benefit from charting your buying and selling trends? This book shows you how to mine and organize information that simply isn't available otherwise. All by itself, the improvement in speed will dwarf anything you've experienced—especially if you connect to eBay via dial-up. But speed is just one piece of an entirely new way of navigating the eBay marketplace. Here's a little of what you'll find covered inside: Creating new listings in bulk and automatically submitting them Getting all the facts you need about an item in one step Performing searches based on shipping or payment terms Completing tasks more quickly by working with locally stored eBay data Working with eBay's new authentication and authorization technology Ensuring the accuracy of your listings Quickly accessing buyer and seller information Using the new Java and SOAP interfaces Using calls to perform tasks not supported by the manual interface Charting trends in your buying and selling habits Tracking eBay listings with mobile devices Developing secure applications Automatically submitting feedback in batches You'll learn to do all of this and more using the language of your choice: JavaScript, VB, Visual Basic 6, Visual C++ 6, Visual Basic .NET, C#, PHP, or Java. You also get all the details on participating in various eBay developer programs, where everything you need as an individual is completely free.

Every REST design philosophy has captured the imagination of web and enterprise developers alike, using this approach to develop real web services is no picnic. This cookbook includes more than 100 recipes to help you take advantage of REST, HTTP, and the infrastructure of the Web. You'll learn ways to design RESTful web services for client and server applications that meet performance, scalability, reliability, and security goals, no matter what programming language and development framework you use. Each recipe includes one or two problem statements, with easy-to-follow, step-by-step instructions for solving them, as well as examples using HTTP requests and responses, and XML, JSON, and Atom snippets. You'll also get implementation guidelines, and a discussion of the pros, cons, and trade-offs that come with each solution. Learn how to design resources to meet various application scenarios Successfully design representations and URIs Implement the hypertext constraint using links and link headers Understand when and how to use Atom and AtomPub Know what and what not to do to support caching Learn how to implement concurrency control Deal with advanced use cases involving copying, merging, transactions, batch processing, and partial updates Secure web services and support OAuth Offers instructions for creating programs to do tasks including fetching URLs and generating bar charts using the open source scripting language, covering topics such as data types, regular expressions, encryption, and PEAR.

Designing Web APIs

RESTful PHP Web Services

Web Publishing with PHP and FileMaker 9 (Adobe Reader)

REST API Design Rulebook

Building RESTful Web Services with PHP 7

Ruby on Rails for PHP and Java Developers

Offers hands-on tips and numerous code examples that show Web developers how to leverage content and feeds from today's top Web sites-including Google, eBay, PayPal, Amazon, Yahoo!, and FedEx Introduces APIs (Application Program Interfaces) in general and uses real-world examples that show how to produce and document them Explains how to use the popular scripting language PHP to create APIs that interact with unrelated applications over the Web Examples take readers through each stage of the API process, from basic test implementations to integration with existing sites

Whether you're sharing data between two internal systems or building an API so that users can access their data, this practical guide has everything you need to build APIs with PHP. Author Lorna Jane Mitchell provides lots of hands-on code samples, real-world examples, and advice based on her extensive experience to guide you through the process—from the underlying theory to methods for making your service robust. You'll learn how to use this language to work with JSON, XML, and other web service technologies. This updated second edition includes new tools and features that reflect PHP updates and changes on the Web. Explore HTTP, from the request/response cycle to its verbs, headers, and cookies Work with and publish webhooks—user-defined HTTP callbacks Determine whether JSON or XML is the best data format for your application Get advice for working with RPC, SOAP, and RESTful services Use several tools and techniques for debugging HTTP web services Choose the service that works best for your application, and learn how to make it robust Document your API—and learn how to design it to handle errors

Whether you are a FileMaker developer who is new to web publishing, a web developer who is new to FileMaker, or a complete beginner looking to put your data online, this book is for you. In Part I, you learn the basics of how web publishing works and how to write your own HTML and PHP. In Part II, you learn how to build a FileMaker database and install and configure the FileMaker Server to host the database. In Part III, you learn how to put it all together to create web pages that talk to your database and allow people to view the data and, if you like, modify it. Throughout the book, publishing a FileMaker Product Catalog to the web is used as an example. Each chapter builds on the previous chapter. When you are done, you will have a working website! Detailed information on how to... Master web publishing Read and write basic HTML Read and write basic PHP Build a FileMaker database Install and configure FileMaker Server Publish your FileMaker data to the web Work with portals and container fields Repurpose your FileMaker layouts on the web Introduction 1 Part I: Basics of Web Publishing Chapter 1: How Web Publishing Works 7 Chapter 2: Introduction to HTML 17 Chapter 3: Introduction to PHP 31 Part II: Laying the Groundwork Chapter 4: Building a Simple FileMaker File 49 Chapter 5: Configuring the Server(s) 67 Part III: Publishing FileMaker Data on the Web Chapter 6: Viewing FileMaker Data 91 Chapter 7: Altering FileMaker Data 115 Chapter 8: Working with Related Data (Portals) 137 Chapter 9: Working with Images 167 Chapter 10: Repurposing a FileMaker Layout on the Web 189 Part IV: More Information Appendix A: Performance Tuning 213 Appendix B: Security Concerns 217 Appendix C: Error Handling and Prevention 225 Appendix D: FileMaker PHP API Reference 231 Index 239

Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide, you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how to parse complicated HTML pages Traverse multiple pages and sites Get a general overview of APIs and how they work Learn several methods for storing the data you scrape Download, read, and extract data from documents Use tools and techniques to clean badly formatted data Read and write natural languages Crawl through forms and logins Understand how to scrape JavaScript Learn image processing and text recognition

eBay, Google, Paypal, Amazon, FedEx Plus Web Feeds

RESTful Web Services Cookbook

PHP 7 in easy steps

PHP Web Services, 2nd Edition

Creating Interactive Websites with PHP and Web Services

PHP Cookbook

Whether you're sharing data between two internal systems or building an API so users can access their data, this practical book provides everything you need to build web service APIs with PHP. Author Lorna Jane Mitchell uses code samples, real-world examples, and advice based on her extensive experience to guide you through the process:from the underlying theory to methods for making your service robust. PHP is ideally suited for both consuming and creating web services. You'll learn how to use this language with JSON, XML, and other web service technologies. Explore HTTP, from the request/response cycle to its verbs, headers, and cookies Determine whether JSON or XML is the best data format for your application Get practical advice for working with RPC, SOAP, and RESTful services Use a variety of tools and techniques for debugging HTTP web services Choose the service that works best for your application, and learn how to make it robust Learn how to document your APIand how to design it to handle errors The basic rules of REST APIs - "many nouns, few verbs, stick with HTTP" - seem easy, but that simplicity and power require discipline to work smoothly. This brief guide provides next steps for implementing complex projects on simple and extensible foundations.

Learn the basic architectural concepts and step through examples of consuming and creating RESTful web services in PHP.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

XML, Data, Dates, Web Services, and Web APIs : Maximize Your PHP Development Productivity by Mastering the PEAR Packages for Accessing and Displaying Data, Handling Dates, Working with XML and Web Services, and Accessing Web APIs

eBay, Google, Paypal, Amazon, FedEx plus Web Feeds

Web Database Applications with PHP and MySQL

New Features and Good Practices

PHP and MySQL Web Development

Whether you're sharing data between two internal systems or building an API so users can access their data, this practical book provides everything you need to build web service APIs with PHP. Author Lorna Jane Mitchell uses code samples, real-world examples, and advice based on her extensive experience to guide you through the process—from the underlying theory to methods for making your service robust. PHP is ideally suited for both consuming and creating web services. You'll learn how to use this language with JSON, XML, and other web service technologies. Explore HTTP, from the request/response cycle to its verbs, headers, and cookies Determine whether JSON or XML is the best data format for your application Get practical advice for working with RPC, SOAP, and RESTful services Use a variety of tools and techniques for debugging HTTP web services Choose the service that works best for your application, and learn how to make it robust Learn how to document your API—and how to design it to handle errors. Author Rob Richards is a major contributor to the PHP XML codebase and is considered a leading expert on the topic in the PHP community Covers the most leading-edge branch of PHP—currently 5.1 Practical, real-world examples with the Amazon, eBay, Yahoo, and Google web services APIs

Design, build and test RESTful web services with the Django framework and Python Key Features Create efficient real-world RESTful web services with the latest Django framework Authenticate, secure, and integrate third-party packages efficiently in your Web Services Leverage the power of Python for faster Web Service development Book Description Django is a Python web framework that makes the web development process very easy. It reduces the amount of trivial code, which simplifies the creation of web applications and results in faster development. It is very powerful and a great choice for creating RESTful web services. If you are a Python developer and want to efficiently create RESTful web services with Django for your apps, then this is the right book for you. The book starts off by showing you how to install and configure the environment, required software, and tools to create RESTful web development, and the Django REST framework. We then move on to working with advanced serialization and migrations to interact with SQLite and non-SQL data sources. We will use the features included in the Django REST framework to improve our simple web service. Further, we will create API views to process diverse HTTP requests on objects, go through relationships and hyperlinked API management, and then discover the necessary steps to include security and permissions related to data models and APIs. We will also apply throttling rules and run tests to check that versioning works as expected. Next we will run automated tests to improve code coverage. By the end of the book, you will be able to build RESTful web services with Django. What you will learn The best way to build a RESTful Web Service or API with Django and the Django REST Framework Develop complex RESTful APIs from scratch with Django and the Django REST Framework Work with either SQL or NoSQL data sources Design RESTful Web Services based on application requirements Use third-party packages and extensions to perform common tasks Create automated tests for RESTful web services Debug, test, and profile RESTful web services with Django and the Django REST Framework Who this book is for This book is for Python developers who want to create RESTful web services with Django; you need to have a basic working knowledge of Django, but no previous experience with RESTful web services is required.

This book shows how to enhance an institution's presence on the Web with tools that integrate a variety of handy, popular programs. Application Programming Interfaces (APIs) are software tools that help different programs work together, and Michel shows readers how to integrate them into existing library websites as well as use them to launch new kinds of services. Offering step-by-step guidance, this book Uses real-world examples to show how APIs can be used to promote library materials and events, visualize data, educate patrons, and mobilize library services Demonstrates how to create and manage widgets for photo galleries, instant reporting on computer/printer availability, featured book titles and book reviews from library users, tracking usage data, and many other library functions Includes instructions for working with popular tools such as Flickr, YouTube, Vimeo, Twitter, Google Charts, OCLC, WordPress, Goodreads, LibraryThing, and the Hathi Trust Provides plentiful screenshots, snippets of HTML code, and easy-to-follow samples to ensure that even novices will feel comfortable integrating APIs into their marketing plans Focusing on widely adopted tools that all have immediate, useful applications, this practical book will help extend any library's reach.

PHP Programming with PEAR

Django RESTful Web Services

Solutions for Improving Scalability and Simplicity

Pro Web 2.0 Mashups

Web Scraping with Python

Pro PHP Security

Packed with code examples, every topic is explained in a clear, practical way. This book is for PHP developers who want to maximize their productivity through the use of proven, high-quality, reusable PEAR components. Some experience of working with PEAR classes will prove helpful, and developers who've used PEAR before can find something new to delight them.

Design scalable and robust RESTful web services with JAX-RS and Jersey extension APIs About This Book Get to grips with the portable Java APIs used for JSON processing Design solutions to produce, consume, and visualize RESTful web services using WADL, RAML, and Swagger A step-by-step guide packed with many real-life use-cases to help you build efficient and secure RESTful web APIs in Java Who This Book Is For If you are a web developer with a basic understanding of the REST concepts but are new to the idea of designing and developing RESTful web services, this is the book for you. As all the code samples for the book are written in Java, proficiency in Java is a must. What You Will Learn Introduce yourself to the RESTful software architectural style and the REST API design principles Make use of the JSR 353 APIs and Jackson API for JSON processing Build portable RESTful web APIs, making use of the JAX-RS 2.0 API Simplify API development using the Jersey extension APIs Secure your RESTful web services with various authentication and authorization mechanisms Get to grips with the various metadata solutions to describe, produce, and consume RESTful web services Understand the design and coding guidelines to build well-performing RESTful APIs See how the role of RESTful web services changes with emerging technologies and trends In Detail REST (Representational State Transfer) is a simple yet powerful software architecture style to create scalable web services and allow them to be simple, lightweight, and fast. The REST API uses HTTP and JSON, so that it can be used with many programming languages such as Ruby, Java, Python, and Scala. Its use in Java seems to be the most popular though, because of the API's reusability. This book is a guide to developing RESTful web services in Java using the popular RESTful framework APIs available today. You will begin with gaining an in-depth knowledge of the RESTful software architectural style and its relevance in modern applications. Further, you will understand the APIs to parse, generate, transform, and query JSON effectively. Then, you will see how to build a simple RESTful service using the popular JAX-RS 2.0 API along with some real-world examples. This book will introduce you to the Jersey framework API, which is used to simplify your web services. You will also see how to secure your services with various authentication mechanisms. You will get to grips with various solutions to describe, produce, consume, and visualize RESTful web services. Finally, you will see how to design your web services to equip them for the future technological advances, be it Cloud or mobile computing. By the end of this book, you will be able to efficiently build robust, scalable, and secure RESTful web services, making use of the JAX-RS and Jersey framework extensions. Style and approach This book is written as a step-by-step guide to designing and developing robust RESTful web services. Each topic is explained in a simple and easy-to-understand manner with lots of real-life use-cases and their solutions.

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 webervices. PHP is platform independent and widely used in developing data-driven Websites.

Master core REST concepts and create RESTful web services in Java About This Book Build efficient and secure RESTful web APIs in Java.. Design solutions to produce, consume and visualize RESTful web services using WADL, RAML, and Swagger Familiarize the role of RESTful APIs usage in emerging technology trends like Cloud, IoT, Social Media. Who This Book Is For If you are a web developer with a basic understanding of the REST concepts and envisage to get acquainted with the idea of designing and developing RESTful web services, this is the book for you. As all the code samples for the book are written in Java, proficiency in Java is a must. What You Will Learn Introduce yourself to the RESTful software architectural style and the REST API design principles Make use of the JSR 353 API, JSR 374 API, JSR 367 API and Jackson API for JSON processing Build portable RESTful web APIs, making use of the JAX-RS 2.1 API Simplify API development using the Jersey extension APIs Secure your RESTful web services with various authentication and authorization mechanisms Get to grips with the various metadata solutions to describe, produce, and consume RESTful web services Understand the design and coding guidelines to build well-performing RESTful APIs See how the role of RESTful web services changes with emerging technologies and trends In Detail Representational State Transfer (REST) is a simple yet powerful software architecture style to create lightweight and scalable web services. The RESTful web services use HTTP as the transport protocol and can use any message formats, including XML, JSON(widely used), CSV, and many more, which makes it easily inter-operable across different languages and platforms. This successful book is currently in its 3rd edition and has been used by thousands of developers. It serves as an excellent guide for developing RESTful web services in Java. This book attempts to familiarize the reader with the concepts of REST. It is a pragmatic guide for designing and developing web services using Java APIs for real-life use cases following best practices and for learning to secure REST APIs using OAuth and JWT. Finally, you will learn the role of RESTful web services for future technological advances, be it cloud, IoT or social media. By the end of this book, you will be able to efficiently build robust, scalable, and secure RESTful web services using Java APIs. Style and approach Step-by-step guide to designing and developing robust RESTful web services. Each topic is explained in a simple and easy-to-understand manner with lots of real-life use-cases and their solutions.

Professional Web APIs with PHP

APIs for the Modern Web

Building Applications with the eBay API

A pragmatic guide to designing and building RESTful APIs using Java

FileMaker Web Publishing: A Complete Guide to Using the API for PHP

RESTful Java Web Services

Provides information on the integration of APIs and Web feeds in PHP.

The only complete reference book for the FileMaker API for PHP using FileMaker Pro 12 and FileMaker Server 12. Whether you are a beginner or a professional developer you will find the information in this book to be invaluable. Part I starts by getting you ready to publish data to the web with a primer about the basic HTML you will need to know to work with the examples in this book. Part II shows you how to install and configure either Apache or IIS as your web server. Part III shows you how to install and configure FileMaker Server. Part IV provides information about free and professional text editing tools to build your web sites. Part V teaches you the basics about PHP syntax to work with the examples in this book. Part VI explains the sample database fields, layouts, and scripts that are used for all the examples in the book. Part VII contains more than 60 complete core and advanced PHP examples that will teach you techniques to build professional web sites. Part VIII wraps up the book reference information with extended FileMaker vs. PHP syntax, other web publishing technologies available to FileMaker, expected costs, performance and security considerations, understanding server logs and error codes, and a FileMaker API for PHP quick reference guide. Lastly, this is a completely revised book. Every line of code has been re-validated to work with FileMaker Pro 12, Apache, IIS, and the latest browsers. Therefore, even if you have a previous version of the book it may be well worth your time to study the new content in this book.

"Learn how to build web services with PHP and exchange data across applications. In this video course, web development consultant Lorna Jane Mitchell provides real-world examples and advice based on her extensive experience to guide you through the key API concepts."—Resource description page.

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register

Remixing Data and Web Services

Collecting Data from the Modern Web

A Practical Guide for Creating Database Driven Web Sites with FileMaker Pro 12 and FileMaker Server 12

Writing PHP Microservices, REST and Web Service APIs

The easiest way to build Python RESTful APIs and web services with Django

RESTful Web Services

FileMaker Web Publishing offers an unparalleled development strategy for database managers, web designers, and programmers who are interested in getting the most out of FileMaker databases on the web. The book introduces the basics of HTML, cascading style sheets, and PHP, then moves on to specific concepts such as database portals, value lists, and complex navigation systems. Advanced topics include uploading and referencing files within the database and sending dynamically formatted emails.

As a developer new to Web Services, how do you make sense of this emerging framework so you can start writing your own services today? This concise book gives programmers both a concrete introduction and a handy reference to XML web services, first by explaining the foundations of this new breed of distributed services, and then by demonstrating quick ways to create services with open-source Java tools.Web Services make it possible for diverse applications to discover each other and exchange data seamlessly via the Internet. For instance, programs written in Java and running on Solaris can find and call code written in C# that run on Windows XP, or programs written in Perl that run on Linux, without any concern about the details of how that service is implemented. A common set of Web Services is at the core of Microsoft's new .NET strategy, Sun Microsystems's Sun One Platform, and the W3C's XML Protocol Activity Group.In this book, author Ethan Cerami explores four key emerging technologies: XML Remote Procedure Calls (XML-RPC) SOAP - The foundation for most commercial Web Services development Universal Discovery, Description and Integration (UDDI) Web Services Description Language (WSDL) For each of these topics, Web Services Essentials provides a quick overview, Java tutorials with sample code, samples of the XML documents underlying the service, and explanations of freely-available Java APIs. Cerami also includes a guide to the current state of Web Services, pointers to open-source tools and a comprehensive glossary of terms.If you want to break through the Web Services hype and find useful information on these evolving technologies, look no further than Web Services Essentials.

Ajax, or Asynchronous JavaScript and XML, exploded onto the scene in the spring of 2005 and remains the hottest story among web developers. With its rich combination of technologies, Ajax provides astrong foundation for creating interactive web applications with XML or JSON-based web services by using JavaScript in the browser to process the web server response. Ajax Design Patterns

shows you best practices that can dramatically improve your web development projects. It investigates how others have successfully dealt with conflicting design principles in the past and then relays that information directly to you. The patterns outlined in the book fall into four categories: Foundational technology: Examines the raw technologies required for Ajax development Programming: Exposes techniques that developers have discovered to ensure their Ajax applications are maintainable Functionality and usability: Describes the types of user interfaces you'll come across in Ajax applications, as well as the new types of functionality that Ajax makes possible Development: Explains the process being used to monitor, debug, and test Ajax applications Ajax Design Patterns will also get you up to speed with core Ajax technologies, such as XMLHttpRequest, the DOM, and JSON. Technical discussions are followed by code examples so you can see for yourself just what is-and isn't-possible with Ajax. This handy reference will help you to produce high-quality Ajax architectures, streamline web application performance, and improve the user experience. Michael Mahemoff holds a PhD in Computer Science and Software Engineering from the University of Melbourne, where his thesis was "Design Reuse in Software Engineering and Human-Computer Interaction." He lives in London and consults on software development issues in banking, health care, and logistics. "Michael Mahemoff's Ajax Design Patterns is a truly comprehensive compendium of web application design expertise, centered around but not limited to Ajax techniques. Polished nuggets of design wisdom are supported by tutorials and real-world code examples resulting in a book that serves not only as an intermediate to expert handbook but also as an extensive reference for building rich interactive web applications." --Brent Ashley, remote scripting pioneer

Mashups are hugely popular right now, a very important topic within the general area of Web 2.0, involving technologies such as CSS, JavaScript, Ajax, APIs, libraries, and server-side languages (such as PHP and ASP.NET.) This book aims to be the definitive tome on Mashup development, to stand in the middle of all the other, more API specific books coming out on Google Maps, Flickr, etc. The book shows how to create real world Mashups using all the most popular APIs, such as Google Maps, Flickr, Amazon Web Services, and delicious, and includes examples in multiple different server-side languages, such as PHP, Java, and .NET.

Mining eBay Web Services

Php Web 2.0 Mashup Projects

Learning PHP 7

Introduction to PHP Web Services

Distributed Applications with XML-RPC, SOAP, UDDI & WSDL

Using a web API to provide services to application developers is one of the more satisfying endeavors that software engineers undertake. But building a popular API with a thriving developer ecosystem is also one of the most challenging. With this practical guide, developers, architects, and tech leads will learn how to navigate complex decisions for designing, scaling, marketing, and evolving interoperable APIs. Authors Brenda Jin, Saurabh Sahni, and Amir Shevat explain API design theory and provide hands-on exercises for building your web API and managing its operation in production. You'll also learn how to build and maintain a following of app developers. This book includes expert advice, worksheets, checklists, and case studies from companies including Slack, Stripe, Facebook, Microsoft, Cloudinary, Oracle, and GitHub. Get an overview of request-response and event-driven API design paradigms Learn best practices for designing an API that meets the needs of your users Use a template to create an API design process Scale your web API to support a growing number of API calls and use cases Regularly adapt the API to reflect changes to your product or business Provide developer resources that include API documentation, samples, and tools

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 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.

Build Dynamic Websites with PHP and MySQL—and Extend Those Sites with Web Services PHP and MySQL are great tools for building database-driven websites. There's nothing new about that. What is new is the environment in which your site operates—a world rich (and growing richer) in web services that can add value and functionality in many different ways. Creating Interactive Web Sites with PHP and Web Services walks you through every step of a major web project—a content-management system—teaching you both the basic techniques and little-known tricks you need to build successful web sites. And you can use those skills to develop dynamic applications that will meet your special requirements. Here's some of what you'll find covered inside: Adding, deleting, and displaying data with a custom content-management system Building a template system with PHP Interacting with web services using PHP and MySQL Creating and managing a user system and a shopping cart Processing credit card payments using merchant accounts and third-party payment solutions Tracking site statistics using PHP and MySQL Enhancing your site with third-party scripts Tons of examples, complete with explanations and supported by online source code, will speed your progress, whether you're a true beginner or already have PHP experience. This book is platform-agnostic, so it doesn't matter if you're deploying your site on Linux or Windows. You also get PHP and MySQL references, so you can quickly resolve questions about syntax and similar issues.