



Api design matthias biehl pdf s free software

Let's get started.REST technology is generally preferred over other similar technologies. The book shows best practices for connecting APIs to existing backend systems. The separation of client and server in REST architecture allows the developers to scale apps more easily. Caching is easier: REST aims to make caching easier. Learn API product management with a customer-centric design and development approach for APIs. Learn how to manage APIs as a product and how to follow an API-first approach. The book shows the principles for designing APIs for scalable, autonomous microservices. You expect lots of traffic on your API? Build APIs your customers love! You want to manage the complete API lifecycle? REST is an acronym and has nothing to do with relaxation. This book is a gem for those who are new to the world of APIs.RESTful Java Web Services by Bogunuva Mohanram Balachandar is a pragmatic guide to designing and building RESTful APIs using Java. The book introduces the two most common API description languages RAML, OpenAPI, and Swagger. Your company cares about its customers? As a reader of this book, you have free access to the API-University Best Practice Newsletter and amazing bonus material. The book is divided into twelve chapters and includes the following topics: Chapter 1 gives you an introduction Chapter 2 covers Consumer-Oriented API Design: APIs as ProductsChapter 3 talks about API Design and Development ApproachChapter 6 gives an introduction to RESTChapter 7 talks about API Frontend Design DecisionsChapter 8 covers OpenAPI/Swagger for API Frontend DesignChapter 9 covers RAML for API Frontend DesignChapter 10 talks about API Encoded to make when building and walks you through the important decisions you need to make when building and walks about API Encoded to make when building about AP API. OAuth 2.0 has emerged as the de facto standard protocol for securely protecting APIs. It provides applications the ability for secure access while keeping your passwords safe using authorization tokens. In our increasingly connected world, knowledge on this authorization protocol becomes crucial for developers in order to understand how programs, applications, and websites give access to users. In this episode, we talk to Matthias Biehl, an expert advisor at API University about OAuth, discuss his book, "OAuth 2.0: Getting Started in Web-API Security", the different "flows" on how an access token is obtained, how OAuth is utilized for microservices, and the future of the protocol.Listen on your favorite platforms!Originally published at API-University. Looking for Best Practices for RESTful APIs.Hands-On RES is one of the best REST API books for beginners. You will learn about the maintained modules currently available in the npm community, including Express, Restify, Vatican, and Swagger. This completely updated second edition is divided into ten chapters and includes the following topics: Chapter 1 covers REST 101 Chapter 2 covers API Design Best PracticesChapter 3 covers Node.js and RESTChapter 4 talks about architecting a REST APIChapter 5 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 6 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 6 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 6 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 8 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 7 talks about developing Your REST APIChapter 8 talks about developing Your REST APIChapter 8 talks about developing Your REST APIChapter 9 talks about devel TroubleshootingAfter reading the book, you will be able toUnderstand how REST and API development mix up with Node.jsCreate a scalable, technology agnostic, and uniform interfacePrepare your services to be consumed by your clientsTest and deploy your APIReview troubleshooting techniquesIt's a known fact that programmers and developers are lifelong learners. The book helps you to build effective RESTful APIs for enterprises with design patterns and REST framework's out-of-the-box capabilities. The insightful book helps to understand advanced topics such as API gateways, API securities, and cloud. - has become the standard style for developing web services along with GraphQL.REST stands for 'representational state transfer.' A RESTful API is an architectural style for an Application Program Interface (API) that uses HTTP requests to access and use data. It also allows you to hosts the back and front end on different servers. More recently, GraphQL has become a popular alternative to REST. Use API description languages to both design APIs and develop APIs efficiently. Hope to see you in those articles and thank you for reading until the end.report this ad If you are looking for best practices for RESTful APIs, this book is for you!Undisturbed REST: a Guide to Designing the Perfect API by Michael Stowe is a great beginner's book for introducing yourself to REST APIs. You'll learn how they work and how to connect to other APIs with live code examples. You may also be interested in reading and learning from books on GraphOL. When looking for the best books to learn RESTful APIs, one guestion to ask is this: what makes the best books on RESTful APIs?Here are our criteria to select books on RESTful APIs:It must have a structured, clear, and logical progression of topics.The book is concise and easy to understand.Contain exercises, examples, and practice problems for hands-on experience.Engaging and able to hold the attention of readers.The book should have a clear layout and must be friendly toward self-taught programmers. When it comes to learning RESTful APIs, books have become the best source for learning them. An API development methodology is proposed to guide you through the lifecycle: API inception, API development, API publication, API evolution, and maintenance. You want to build APIs right? The server is stateless and each request can be processed individually, Flexibility and Portability: REST API gives a lot of flexibility to the user. These best books on RESTful APIs from several different points of view. If you are not really into books you can check out these courses: If you're interested in learning more about building web servers, you may be interested in books on Node & Express or even books on GraphQL. REST reduces the complexity of the application and things become easier for the developers. Scalability: REST stands out due to its scalability: REST stands out due to its scalability. introduces the two most common API description languages RAML and OpenAPI/Swagger. The REST concepts are well explained with many examples. REST relies on a stateless, client-server protocol and in almost all cases it's going to be HTTP. Sponsored LinksAre you looking for the best RESTful API books? Here are a few reasons why you should learn RESTful APIs:Easy to Learn and Implement: REST uses HTTP methods for communication and that makes it easy to learn. You will be able to implement patterns programmatically with easy-to-follow examples. It stands for 'representational state transfer'. The book shows you how to achieve high performance, availability and maintainability.You want to build APIs that last for decades? Here's what you will learn from the book:Introduction to the Basics of RESTful API PatternsAdvanced Composition for Smart ApplicationsRESTful API Design TipsA More In-depth View of the RESTful Services ParadigmFrameworks, Standard Languages, and ToolkitsLegacy Modernization to Microservices-centric AppsThe book is divided into eleven chapters and includes the following topics: Chapter 1 gives you an introduction to the Basics of RESTful ArchitectureChapter 2 covers Design Strategy, Guidelines, and Best PracticesChapter 3 talks about Essential RESTful API PatternsChapter 4 talks about RESTful API PatternsChapter 5 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 5 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 5 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 6 talks about RESTful API PatternsChapter 5 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 7 covers Microservice API GatewaysChapter 6 talks about RESTful API PatternsChapter 7 covers Microservice API GatewaysChapter 7 covers Microservic Smart ApplicationsChapter 8 gives you RESTful API Design TipsChapter 9 highlights a more in-depth view of the RESTful Services ParadigmChapter 11 talks about Legacy Modernization to Microservices-centric AppsBy the end of the book, you'll be empowered with all that you need to create highly flexible APIs for next-generation RESTful API Design: Best Practices on technical aspects of RESTful API Design with REST by Matthias Biehl is packed with best practices on technical aspects of RESTful API Design. familiarize the reader with the concepts of REST. After reading the book, you will be able to: Introduce yourself to the RESTful software architectural style and the REST API design principlesMake use of the JSR 353 API, JSR 374 API, JSR 3 APISimplify API development using Jersey and RESTEasy extension APIsSecure your RESTful web services with various authentication and authorization mechanismsGet to grips with the various metadata solutions to build wellperforming RESTful APIs. The reader will see how the role of RESTful web services changes with emerging technologies and trends. The contents covered book in the book are: Chapter 1 introduces RESTful ArchitectureChapter 2 covers Java APIs for JSON ProcessingChapter 3 introduces JAX-RS APIChapter 4 talks about advanced features in JAX-RS APIChapter 5 introduces JAX-RS Implementation Framework ExtensionsChapter 6 talks about securing RESTful Web ServicesChapter 7 covers Description and Discovery of RESTful Web ServicesChapter 7 covers Description and Discovery of RESTful Web ServicesChapter 8 talks about useful API Design GuidelinesChapter 9 covers RESTful Web ServicesChapter 8 talks about useful API Design GuidelinesChapter 9 covers RESTful API Design GuidelinesChapter 9 covers RESTful API Design GuidelinesChapter 8 talks about useful API Design GuidelinesChapter 9 covers RESTful API Design Guidelines features and techniques and tools for building a JAX-RS applicationBy the end of this book, you will be able to efficiently build robust, scalable, and secure RESTful web services using Java APIs.REST API Development with Node.js by Fernando Doglio helps you manage and understand the full capabilities of successful REST development. You will learn a customer-centric design and development approach for APIs. This highly informative guide is well-structured, easy to read and follow, and guite detailed. This book shows best practices for REST design, such as the correct use of resources, URIs, representations, content types, data formats, parameters, HTTP status codes, and HTTP methods. Your APIs connect to legacy systems? The book helps you to understand APIs, best practices, and available tooling for designing, prototyping, sharing, documenting, and generating tooling around your API. In this book, you will learn: How to equip yourself with the knowledge to build an API that can be easily be integrated and extendedModern design techniques and more complex concepts such as REST and hypermedia as the engine of application state (HATEOAS)Best practices around how to plan, design, build, manage and share your APIsThe book includes the following chapters:What is an APIPlanning Your APIDesigning the SpecUsing RAMLPrototyping and Agile TestingAuthorization and AuthenticationDesigning Your ResourcesDesigning Your APIA Final ThoughtYou will get valuable tips for designing your own API from scratch. Because this book is packed with practical experience on what works best for RESTful API Design. You want to design APIs like a Pro? We study API versioning, API evolution, backward- and forward-compatibility and show API design patterns for versioning. The API-University Series is a modular series of books on API-related topics. Also, you can easily transfer the data from one server to another server. Each book focuses on a particular API topic, so you can select the topics within APIs, which are relevant for you.