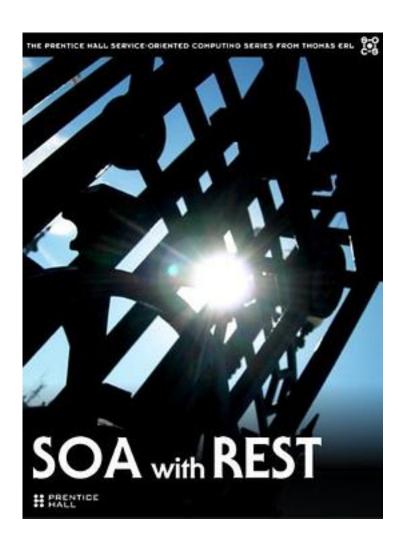
SOA with REST



SOA with REST_下载链接1_

著者:

出版者:

出版时间:2012-8

装帧:

isbn:9780137012510

"This book illuminates the connection of the two domains--SOA and REST--in a manner that is concrete and practical, providing concise application to everyday

```
architectural challenges. Fantastic!" --Ryan Frazier, Technology Strategist, Microsoft
"...a tour de force that elegantly applies REST principles to the industry-standard SOA"
framework described in prior titles in this series...This book is a must-read for anyone
developing REST services." -- Dave Slotnick, Enterprise Architect, Rackspace Hosting
"This book undoubtedly will help SOA to reap the benefits from the main value
propositions of Web architecture..." -- Dr. Erik Wilde, Architect, EMC Corporation "REST
is so much more than just another type of interface implementation--SOA with REST
shows how the ecosystem of service compositions changes as new opportunities arise
for service composition architecture designs. A comprehensive guide and a must-read
for any serious IT architect considering REST-style services for application
architéctures." --Roger Stoffers, Solution Architect, Hewlett Packard
"Service-orientation and REST both are architectural styles that are cornerstones of
modern applications and cloud computing. Both aim to deliver scalable, interoperable
solutions, but their different roots don't always make them a natural fit. SOA with REST
explains how the two styles can work together in enterprise environments. It discusses
a design process for a services portfolio that meets the goals of SOA and at the same time designs services that comply with the established REST constraints. It also shows
pragmatic approaches to meet enterprise-grade requirements with the REST
programming style but relaxes constraints where necessary." -- Christoph Schittko,
Director of Cloud Strategy, Microsoft "An excellent repertoire of service-oriented
patterns that will prove handy when solving problems in the real world. The REST
perspectives and principles will provide complete coverage of modern-day Web 2.0 style approaches. Highly recommended." --Sid Sanyal, IT Architect, Zurich Financial
Sérvices "An inspirational book that provides deep insight into the design and development of next-generation service-oriented systems based on the use of REST.
This book clarifies the convergence of SOA and REST with no-nonsense content that
addresses common guestions and issues head-on. An essential 'instrument of modern
service implementation' and a powerful body of knowledge for software designers,
architects, and consultants." -- Pethuru Raj, Ph.D., Enterprise Architecture (EA)
Consultant, Wipro Consulting Services "REST and SOA are two of the most
misunderstood terms in the software industry over the past decade. Yet the REST
architectural style coupled with modern RESTful framework implementations provides
a scalable and reliable approach to SOA. This book covers all you need to know about
how to take the principles of REST and apply them in small and large SOA
developments. If you are familiar with REST and thinking about SOA, then you need
this book. If you have not considered REST in your SOA work, then this book is for you,
too. Covering concepts of both REST and SOA, as well as design patterns and when to
use them, the book is a wonderful companion and a good tool for architects and
engineers." --Dr. Mark Little, CTO JBoss, Red Hat "Unlike many other texts on the
subject, SOA with REST is a well-rounded, easy-to-read narrative, including real-world
case studies that appeal to both developers and analysts. This makes it an
indispensable source for any SOA practitioner or any professional who is planning to
initiate an SOA project." --Theodore T. Morrison, Certified SOA Analyst, CSM, Geocent,
LLC "SOA and REST are two very important architectural styles for distributed
computing. SOA is successfully adopted by most enterprises, and the REST style is
getting more attention from both researcher and industry users. The book SOA with
REST introduces a new architectural style that is ingeniously combining both SOA and
REST styles and clearly reveals how SOA and REST can work together to generate
successful enterprise SOA strategies with REST, along with guidance for making
architecture design decisions. This book is a bible of best practices for designing and
implementing SOA architecture with REST. It is a must-have reference book for both IT
practitioners and researchers." -- Longji Tang, FedEx IT Senior Technical Advisor, Ph.D.
in CSSE The Definitive Guide to Building Web-Centric SOA with REST The World Wide
Web is based on the most successful technology architecture in history. It has changed
```

how we view, access, and exchange information and, with the advent of REST, it has also provided us with compelling ways to build and improve automation solutions. REST provides a great deal of guidance to ensure that an architecture and its automation logic are technically sound, though it is still your responsibility to build services that actually add value to your business. SOA with REST is the first comprehensive tutorial and reference for designing and building RESTful services as part of service-oriented solutions and in conjunction with service-oriented architecture (SOA). This book demonstrates that REST is not only a suitable medium for building truly service-oriented solutions, but also that the service-oriented architectural model is a necessary foundation for REST technology architectures to realize their full business potential. The authors provide thorough mapping of REST constraints and architectural goals with service-orientation principles and SOA characteristics. Using real-world examples, they show how to leverage REST's simplicity, flexibility, and low overhead without compromising the power or manageability of service-oriented solutions and architectures. This book will be valuable to IT architects, developers, and any practitioner seeking to use SOA and REST together. Topic Areas * Distributed solution design with HTTP and REST * REST-based service composition architectures * REST service modeling and a service-oriented analysis process for REST service candidates * Technical service contract notation for REST services based on a uniform contract * Designing REST service contracts with service-orientation * Understanding REST constraints in relation to service-orientation principles * Using hypermedia and dynamic binding within SOA and service compositions * Creating complex HTTP-based methods for enterprise solutions * Advanced design techniques, including composition deepening, runtime logic deferral, and dynamic binding with common properties * Cross-service transactions and event-driven messaging with REST * Addressing enterprise solution concerns in relation to REST-based state management Applying SOA design patterns to REST-based solutions * Distinguishing REST and SOA service concepts and terminology * Designing REST architectures with SOA * Versioning REST services and uniform contracts * Fundamental REST, SOA, and service-orientation concepts and terminology * REST constraints, REST architectural goals, and properties * Seven new REST-inspired design patterns * Defining common goals of REST and SOA

作者介绍:

目录:

SOA with REST 下载链接1

标签

SOA

架构

软件开发
程序设计
基础理论
云计算
一直在等待
soa
评论
 SOA with REST_下载链接1_
书评
 SOA with REST_下载链接1_