

# Emc rest api .pdf

Cloud Optimized REST API Automation Framework Automation Of VPLEX Replication Using Rest API. Building REST API Services using Deno and PostgreSQL Cloud Optimized Rest API Automation Framework REST: Advanced Research Topics and Practical Applications RESTful Web Services Cookbook REST in Practice REST: From Research to Practice Debunkum Beaver Pega How-to Guide Debunkum Beaver Pega How-to Guide RESTful Web Services RESTful .NET SOA with REST Principles, Patterns and Constraints for Building Enterprise Solutions with REST (paperback) Alfresco 3 Enterprise Content Management Implementation Walmart and the CICS Asynchronous API: An Adoption Experience Alfresco 4 Enterprise Content Management Implementation Automation of VPLEX Replication Using REST API Splunk Best Practices RESTful Web Clients Hands-On RESTful API Design Patterns and Best Practices Data Intensive Storage Services for Cloud Environments GraphQL in Action Handbook of Research on Intrusion Detection Systems Web Services/REST API Testing with SoapUI+ Real Time Projects Mastering vRealize Operations Manager IBM PowerVC Version 1.3.2 Introduction and Configuration Embedded and Multimedia Computing Technology and Service Advanced Technologies, Embedded and Multimedia for Human-centric Computing Pro RESTful APIs with Micronaut REST in Practice Cloud Computing and Services Science Automated Application Delivery with OpenStack Heat Patterns RESTful Web Services Cookbook REST Compliant Clients for REST APIs Data Science and Big Data Analytics Planning for Big Data Architecting Modern Data Platforms Cataloging Unstructured Data in IBM Watson Knowledge Catalog with IBM Spectrum Discover Implementing Cisco UCS Solutions Handbook of Big Data Technologies

# ***Cloud Optimized REST API Automation Framework***

2020-05-28

get a 65 discount starting today until 31 december 2020 only for the 100 buyers use this code dnspsskuljnsp to redeem take advantage of this limited opportunity this book learns about developing web services based on rest architecture using deno deno is the latest server runtime environment for typescript and javascript in addition to node js which is well known to date yes deno was created by ryan dahl who created node js itself will deno be the next node js successor of course there are reasons behind developing a new runtime for executing typescript and javascript architecturally for deno runtime javascript it still uses google engine v8 just like the previous node js but this time the deno was built using rust and typescript languages while node js was built with c and javascript for asynchronous runtime and event driven deno use the open source library tokio deno support typescript built in or out of the box in the sense can be used directly without having to first configure settings unlike node js the use of javascript is also supported in addition to typescript deno is more secure than node js because by default deno cannot access files environment access network without explicit declaration what is discussed in this book here are the points introduction and installation of deno along with visual studio code as a code editor use standard modules for servers use of third party modules such as oak to handle requests responses and routing creating a controller and routing for crud functionality for the postgresql database using denon to automate the compilation and deno project running implementation of middleware for authentication implement bcrypt module for password hashing implementation of authentication using jwt implementation of server refactoring module repository pattern access user defined functions and stored procedures in postgresql bundling project the use of pm2 as monitoring tools the use of denodb orm hopefully this book can be another alternative as a source of learning exercises tutorials or references for those who want to learn deno programming

## ***Automation Of VPLEX Replication Using Rest API.***

2014

the world has adopted cloud technologies such as infrastructure as a service iaas and software as a service saas and is consuming many applications deployed in the cloud most applications are developed using representational state transfer rest protocol manual testing of rest based applications has become more difficult and less efficient since the quality cannot be negotiated on other main factors such as application performance and scalability an effective generic automation framework which tests the functionality scalability and performance of rest based applications will definitely improve quality as well as the time required to complete the test activity the approach is very different from the normal way of automating an application this article will

explain the generic approach of rest based applications which supports all areas of rest based apps gui restclient restapi

## **Building REST API Services using Deno and PostgreSQL**

2013-12-04

this book serves as a starting point for people looking for a deeper principled understanding of rest its applications its limitations and current research work in the area and as an architectural style the authors focus on applying rest beyond applications i e in enterprise environments and in reusing established and well understood design patterns the book examines how restful systems can be designed and deployed and what the results are in terms of benefits and challenges encountered in the process this book is intended for information and service architects and designers who are interested in learning about rest how it is applied and how it is being advanced

## **Cloud Optimized Rest API Automation Framework**

2010-02-22

while the 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 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

## ***REST: Advanced Research Topics and Practical Applications***

2010-09-17

rest continues to gain momentum as the best method for building services and this down to earth book delivers techniques and examples that show how to design and implement integration solutions using the rest architectural style

# **RESTful Web Services Cookbook**

2011-08-04

this volume provides an overview and an understanding of rest representational state transfer discussing the constraints of rest the book focuses on rest as a type of web architectural style the focus is on applying rest beyond applications i e in enterprise environments and in reusing established and well understood design patterns when doing so the reader will be able to understand how restful systems can be designed and deployed and what the results are in terms of benefits and challenges encountered in the process since rest is relatively new as an approach for designing services the more advanced part of the book collects a number of challenges to some of the assumptions and constraints of rest and looks at current research work on how rest can be extended and applied to scenarios that often are considered not to be a good match for rest this work will help readers to reach a deeper understanding of rest on a practical as well as on an advanced level

## ***REST in Practice***

2019-09-09

why create a pega how to guide with the debunkum beaver pega how to guide series you would have an arsenal of tools at your disposal whenever there is a new project or a new feature required all you have to do is just to pull out one of these guides can you visualise a situation where all similar features have the same way of implementation with the same sequence of steps and number of rules and anyone who looked at the rules knew exactly how and why each rule was implemented as such any deviations and bugs that were introduced due to carelessness would simply stand out by itself easily identifiable and easy to fix wouldn't this be a wonderful pega world well that is the core objective of the debunkum beaver pega how to guide series introduction to debunkum beaver pega how to guide creating rest service and rest connector master beaver version rest stands for representational state transfer it is a software architectural style that defines a set of constraints to be used for creating services in this how to guide the author demonstrates how to use pega to create rest service as well as rest connector rest json is gaining traction both for its ease of implementation as well as for its ease of consumption with pega it is now so much easier to implement both rest service and rest connector if you want to learn advanced knowledge of rest and or are considering taking clsa then you should get the master beaver version in which additional tips and tricks of using pega are discussed including security removing the pxobjclass in the rest response using external tool such as postman and many more sample chapters available at [howto.debunkumbeaver.com](http://howto.debunkumbeaver.com)

# REST: From Research to Practice

2019-09-09

introduction to debunkum beaver pega how to guide creating rest service and rest connector how to version in this how to guide the author adopted a practical approach to show readers how to use pega to create rest service and rest connector in a way that avoids pega ootb limitations to improve reliability flexibility and extensibility rest json is gaining traction both for its ease of implementation as well as for its ease of consumption with pega it is now so much easier to implement both rest service and rest connector if you want to learn advanced knowledge of rest and or are considering taking clsa then you should get the master beaver version in which additional tips and tricks of using pega are discussed including security removing the pxobjclass in the rest response using external tool such as postman and many more why create a pega how to guide in a real world situation you would not have the luxury of time to learn and explore features on the ground worst after implemented the required feature only to find yourself in a dead corner and had to resort to patching and custom coding to address users ever changing requirements all these would have been easily avoided if you had a better understanding of the pros and cons of various options debunkum beaver pega how to guide series aims to provide readers with an arsenal of tools at their disposal whenever there is a new project or a required new feature all is required is just to pull out these guides implement the features according to the given approach can you visualise a situation where all similar features have the same way of implementation with the same sequence of steps and number of rules and anyone who looked at the rules knew exactly how and why each rule was implemented as such any deviations and bugs that were introduced due to carelessness would simply stand out by itself easily identifiable and easy to fix wouldn't this be a wonderful pega world well that is the core objective of the debunkum beaver pega how to guide series sample chapters available at [howto.debunkumbeaver.com](http://howto.debunkumbeaver.com)

## Debunkum Beaver Pega How-to Guide

2007-05-08

shows how to use the rest architectural style to create web sites that can be used by computers as well as machines providing basic rules for using rest and real life examples of such services

## Debunkum Beaver Pega How-to Guide

2008-11-21

provides information on building services using the restful architecture and the components of the net 3.5 framework

# RESTful Web Services

2017-03

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 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 architectures 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 2 0 style approaches highly recommended sid sanyal it architect zurich financial services 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 questions 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 centric soa with rest the world wide 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

## **RESTful .NET**

2009-06-10

how to customize use and administer this powerful open source java based enterprise cms

## **SOA with REST Principles, Patterns and Constraints for Building Enterprise Solutions with REST (paperback)**

2019-03-03

this ibm redbooks publication discusses practical uses of the ibm cics asynchronous api capability it describes the methodology design and thought process used by a large client walmart and the considerations of the choices made the redbooks publication provides real life examples and application patterns that benefit from the performance and scalability offered by the new api the book discusses the homegrown methodology used by walmart before the api was available and compares it with the design using the new api a discussion of the process used to migrate older applications to begin using the new api is included so the reader will understand the ease of implementing the new api a description of real world usage patterns describes the current production application walmart has deployed as well as other patterns to give the reader a sense of what s possible applying creative thinking with technology improvements finally a section is included on the areas to be considered as you begin to plan and implement asynchronous api capabilities this book should be read by enterprise architects searching for faster ways to service strategic applications across the enterprise solution architects who want to better understand implementation possibilities for improved response times and better performance for cics applications cics programmers looking to modernize and provide improved response times this book is meant to be used in tandem with ibm redbooks publication ibm cics asynchronous api concurrent processing made simple sg24 8411 which will provide the background and implementation instructions and commands for the api itself

## **Alfresco 3 Enterprise Content Management Implementation**

2013-01-01

this book distils the hands on approach of the training courses into a concise practical book the emphasis is on getting up and running fast and discovering the scope and power of alfresco 4 incrementally through practical examples



though this book is not a developer guide various examples in the book will help developers to extend alfresco functionality and to integrate alfresco with external systems this book is designed for experienced users business owners or system administrators who want to install and use alfresco in their teams or businesses because alfresco is free many teams can install and experiment with its ecm features without any upfront cost often without management approval you need to have a degree of technical confidence but you do not require specialist system admin or developer skills to get a basic system up and running though this book is not a developer guide various examples in the book will help you to extend alfresco functionality and to integrate alfresco with external systems

## **Walmart and the CICS Asynchronous API: An Adoption Experience**

2014

vplex features such as non disruptive data mobility across heterogeneous arrays data mobility across sites and highly advanced cache coherency algorithms dissolve physical barriers in and between data centers and open a whole new approach to data center design since vplex leverages its data caching and distributed caching features it becomes important to invalidate the read cache for target volumes before new replication operations can be performed on them performing replication operations on vplex virtual volumes directly can potentially cause data corruption this article discusses the solution that will leverage the rest api interfaces already supported on vplex and that would not require modification to the existing customer array based replication automation scripts it explains technical components such as the operations supported using rest apis the steps necessary for the array based replication various modules used and the technologies used for the scripting

## **Alfresco 4 Enterprise Content Management Implementation**

2016-09-21

design implement and publish custom splunk applications by following best practices about this book this is the most up to date guide on the market and will help you finish your tasks faster easier and more efficiently highly practical guide that addresses common and not so common pain points in splunk want to explore shortcuts to perform tasks more efficiently with splunk this is the book for you who this book is for this book is for administrators developers and search ninjas who have been using splunk for some time a comprehensive coverage makes this book great for splunk veterans and newbies alike what you will learn use splunk effectively to gather analyze and report on operational data throughout your environment expedite your reporting and be

empowered to present data in a meaningful way create robust searches reports and charts using splunk modularize your programs for better reusability build your own splunk apps and learn why they are important learn how to integrate with enterprise systems summarize data for longer term trending reporting and analysis in detail this book will give you an edge over others through insights that will help you in day to day instances when you re working with data from various sources in splunk and performing analysis on this data it can be a bit tricky with this book you will learn the best practices of working with splunk you ll learn about tools and techniques that will ease your life with splunk and will ultimately save you time in some cases it will adjust your thinking of what splunk is and what it can and cannot do to start with you ll get to know the best practices to get data into splunk analyze data and package apps for distribution next you ll discover the best practices in logging operations knowledge management searching and reporting to finish off we will teach you how to troubleshoot splunk searches as well as deployment testing and development with splunk style and approach if you re stuck or want to find a better way to work with splunk environment this book will come handy this easy to follow insightful book contains step by step instructions and examples and scenarios that you will connect to

## **Automation of VPLEX Replication Using REST API**

2017

powerful web based rest and hypermedia style apis are becoming more common every day but instead of applying the same techniques and patterns to hypermedia clients many developers rely on custom client code with this practical guide you ll learn how to move from one off implementations to general purpose client apps that are stable flexible and reusable author mike amundsen provides extensive background easy to follow examples illustrative dialogues and clear recommendations for building effective hypermedia based client applications along the way you ll learn how to harness many of the basic principles that underpin the convert html only web apps into a json api service overcome the challenges of maintaining plain json style client apps decouple the output format from the internal object model with the representor pattern explore client apps built with hal hypertext application language tackle reusable clients with the request parse wait loop rpw pattern learn the pros and cons of building client apps with the siren content type deal with api versioning by adopting a change over time aesthetic compare how json hal siren and collection json clients handle the objects addresses actions challenge craft a single client application that can consume multiple services

## **Splunk Best Practices**

2019-01-31

build effective restful apis for enterprise with design patterns and rest

framework s out of the box capabilities key featuresunderstand advanced topics such as api gateways api securities and cloudimplement patterns programmatically with easy to follow examplesmodernize legacy codebase using api connectors layers and microservicesbook description this book deals with the representational state transfer rest paradigm which is an architectural style that allows networked devices to communicate with each other over the internet with the help of this book you ll explore the concepts of service oriented architecture soa event driven architecture eda and resource oriented architecture roa this book covers why there is an insistence for high quality apis toward enterprise integration it also covers how to optimize and explore endpoints for microservices with api gateways and touches upon integrated platforms and hubs for restful apis you ll also understand how application delivery and deployments can be simplified and streamlined in the rest world the book will help you dig deeper into the distinct contributions of restful services for iot analytics and applications besides detailing the api design and development aspects this book will assist you in designing and developing production ready testable sustainable and enterprise grade apis by the end of the book you ll be empowered with all that you need to create highly flexible apis for next generation restful services and applications what you will learnexplore restful concepts including uri hateoas and code on demandstudy core patterns like statelessness pagination and discoverabilityoptimize endpoints for linked microservices with api gatewaysdelve into api authentication authorization and api security implementationswork with service orchestration to craft composite and process aware servicesexpose restful protocol based apis for cloud computingwho this book is for this book is primarily for web mobile and cloud services developers architects and consultants who want to build well designed apis for creating and sustaining enterprise class applications you ll also benefit from this book if you want to understand the finer details of restful apis and their design techniques along with some tricks and tips

## ***RESTful Web Clients***

2013-04-30

with the evolution of digitized data our society has become dependent on services to extract valuable information and enhance decision making by individuals businesses and government in all aspects of life therefore emerging cloud based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increases data intensive storage services for cloud environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments this reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers

# **Hands-On RESTful API Design Patterns and Best Practices**

2021-03-09

graphql in action gives you the tools to get comfortable with the graphql language build and optimize a data api service and use it in a front end client application summary reduce bandwidth demands on your apis by getting only the results you need all in a single request the graphql query language simplifies interactions with web servers enabling smarter api queries that can hugely improve the efficiency of data requests in graphql in action you ll learn how to bring those benefits to your own apis giving your clients the power to ask for exactly what they need from your server no more no less practical and example driven this book teaches everything you need to get started with graphql from design principles and syntax right through to performance optimization purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the technology graphql apis are fast efficient and easy to maintain they reduce app latency and server cost while boosting developer productivity this powerful query layer offers precise control over api requests and returns making apps faster and less prone to error about the book graphql in action gives you the tools to get comfortable with the graphql language build and optimize a data api service and use it in a front end client application by working through set up security and error handling you ll learn to create a complete graphql server you ll also unlock easy ways to incorporate graphql into your existing codebase so you can build simple scalable data apis what s inside define a graphql schema for relational and document databases implement graphql types using both the schema language and object constructor methods optimize graphql resolvers with data caching and batching design graphql fragments that match ui components data requirements consume graphql api queries mutations and subscriptions with and without a graphql client library about the reader for web developers familiar with client server applications about the author samer buna has over 20 years of experience in software development including front ends back ends api design and scalability table of contents part 1 exploring graphql 1 introduction to graphql 2 exploring graphql apis 3 customizing and organizing graphql operations part 2 building graphql apis 4 designing a graphql schema 5 implementing schema resolvers 6 working with database models and relations 7 optimizing data fetching 8 implementing mutations part 3 using graphql apis 9 using graphql apis without a client library 10 using graphql apis with apollo client

# **Data Intensive Storage Services for Cloud Environments**

2020-02-07

businesses in today's world are adopting technology enabled operating models that aim to improve growth revenue and identify emerging markets however most of these businesses are not suited to defend themselves from the cyber risks that come with these data driven practices to further prevent these threats they need to have a complete understanding of modern network security solutions and the ability to manage address and respond to security breaches the handbook of research on intrusion detection systems provides emerging research exploring the theoretical and practical aspects of prominent and effective techniques used to detect and contain breaches within the fields of data science and cybersecurity featuring coverage on a broad range of topics such as botnet detection cryptography and access control models this book is ideally designed for security analysts scientists researchers programmers developers it professionals scholars students administrators and faculty members seeking research on current advancements in network security technology

## **GraphQL in Action**

2018

this course is designed in such a way that the user can start the things from the very scratch without any prior knowledge on soap services and rest api on course completion you will be mastered in rest api services testing and can implement successfully it in your workplace or will surely land on high paying job resource description page

## **Handbook of Research on Intrusion Detection Systems**

2018-03-08

manage vrealize operations manager 6.6 effectively using this comprehensive guide key features get complete control of capacity management in your virtual environment display the most appropriate performance metrics and assemble your own dashboard analyze and process data from different sources into a single repository optimize vrealize automation workload placement book description in the modern it world the criticality of managing the health efficiency and compliance of virtualized environments is more important than ever with vrealize operations manager 6.6 you can make a difference to your business by being reactive rather than proactive mastering vrealize operations manager helps you streamline your processes and customize the environment to suit your needs you will gain visibility across all devices in the network and retain full control with easy to follow step by step instructions and support images you will quickly master the ability to manipulate your data and display it in a way that best suits you and your business or technical requirements this book not only covers designing installing and upgrading vrealize operations 6.6 but also gives you a deep understanding of its building blocks badges alerts super metrics views dashboards management packs and plugins with the new vrealize operations 6.6 troubleshooting capabilities capacity planning intelligent

workload placement and additional monitoring capabilities this book is aimed at ensuring you get the knowledge to manage your virtualized environment as effectively as possible what you will learn discover advanced vrealize operations concepts and design your processes effectively for the underlying architecture plan and install a new version or upgrade from a previous one apply proven capacity management theories and techniques in practical real world environments manipulate data and metrics to display them in the most effective way possible create custom views and dashboards fit for any use case explore how policies have evolved in vrealize operations 6 6 and how to apply them in the most effective manner who this book is for if you are an administrator of a virtual environment and have used vrealize operations before but want to gain a professional understanding by easily implementing complex tasks with it then this book is for you

## **Web Services/REST API Testing with SoapUI+ Real Time Projects**

2017-06-12

ibm power virtualization center ibm powervctm is an advanced enterprise virtualization management offering for ibm power systemstm this ibm redbooks publication introduces ibm powervc and helps you understand its functions planning installation and setup ibm powervc version 1 3 2 supports both large and small deployments either by managing ibm powervm that is controlled by the hardware management console hmc by ibm powervm novalink or by managing powerkvm directly with this capability ibm powervc can manage ibm aix ibm i and linux workloads that run on ibm power hardware ibm powervc is available as a standard edition or as a cloud powervc manager edition ibm powervc includes the following features and benefits virtual image capture deployment and management policy based virtual machine vm placement to improve use management of real time optimization and vm resilience to increase productivity vm mobility with placement policies to reduce the burden on it staff in a simple to install and easy to use graphical user interface gui role based security policies to ensure a secure environment for common tasks the ability to enable an administrator to enable dynamic resource optimization on a schedule ibm cloud powervc manager includes all of the ibm powervc standard edition features and adds a self service portal that allows the provisioning of new vms without direct system administrator intervention there is an option for policy approvals for the requests that are received from the self service portal pre built deploy templates that are set up by the cloud administrator that simplify the deployment of vms by the cloud user cloud management policies that simplify management of cloud deployments metering data that can be used for chargeback this publication is for experienced users of ibm powervm and other virtualization solutions who want to understand and implement the next generation of enterprise virtualization management for power systems unless stated otherwise the content of this publication refers to ibm powervc version 1 3 2

# Mastering vRealize Operations Manager

2012-08-31

the 7th international conference on embedded and multimedia computing emc 12 will be held in gwangju korea on september 6 8 2012 emc 12 will be the most comprehensive conference focused on the various aspects of advances in embedded and multimedia em computing emc 12 will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of em in addition the conference will publish high quality papers which are closely related to the various theories and practical applications in em furthermore we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject the emc 12 is the next event in a series of highly successful international conference on embedded and multimedia computing previously held as emc 2011 china aug 2011 emc 2010 philippines aug 2010 em com 2009 korea dec 2009 umc 08 australia oct 2008 eso 08 china dec 2008 ums 08 korea april 2008 ums 07 singapore jan 2007 eso 07 taiwan dec 2007 eso 06 korea aug 2006

## IBM PowerVC Version 1.3.2 Introduction and Configuration

2013-11-13

the theme of humancom and emc is focused on the various aspects of human centric computing for advances in computer science and its applications embedded and multimedia computing and provides an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of human centric computing and the theme of emc advanced in embedded and multimedia computing is focused on the various aspects of embedded system smart grid cloud and multimedia computing and it provides an opportunity for academic industry professionals to discuss the latest issues and progress in the area of embedded and multimedia computing therefore this book will be include the various theories and practical applications in human centric computing and embedded and multimedia computing

## Embedded and Multimedia Computing Technology and Service

2023

discover the restful technologies including rest json xml jax rs web services soap and more for building today s java based microservices big data applications and web service applications using the micronaut framework this book is based on a course the oracle based author is teaching for uc santa cruz silicon valley which covers architecture design best practices and coding labs

pro restful apis with micronaut second edition gives you all the fundamentals from the top down from the top architecture through the middle design to the bottom coding this book is a must have for any microservices or web services application programmer or developer building applications and services for today s enterprises after reading and using this book you ll be competent in using micronaut and restful apis for building today s microservices source code for the examples and case studies are free and available on a press github page for this book what you ll learn discover the key restful apis including rest json xml jax soap and more explore the micronaut framework use these for microservices for today s modern web services and data exchanges harness java xml json rest and jax rs in examples and case studies apply best practices to your solutions architecture and more

## **Advanced Technologies, Embedded and Multimedia for Human-centric Computing**

2010

rest continues to gain momentum as the best method for building web services leaving many web architects to consider whether and how to include this approach in their soa and soap dominated world this book offers a down to earth explanation of rest with techniques and examples that show you how to design and implement integration solutions using the rest architectural style explore several web communications approaches and discover what makes rest different walk through the pros and cons of the restful approach learn how the underlying architecture of the can drastically simplify programming built on top of it view rest in the context of cloud computing and the semantic understand how hypermedia serves as a model for computers to process data

## **Pro RESTful APIs with Micronaut**

2017-07-18

this book constitutes extended revised and selected papers from the 6th international conference on cloud computing and services science closer 2016 held in rome italy in april 2016 the 16 papers presented in this volume were carefully reviewed and selected from a total of 123 submissions the volume also contains two invited papers closer 2016 focused on the emerging area of cloud computing inspired by recent advances related to infrastructures operations and service availability through global networks it also studied the influence of service science in this area

## **REST in Practice**

2016-11-21

this ibm redpapertm publication focuses on demonstrating how to build deploy



and manage openstack heat patterns on ibm pureapplication systems this paper addresses the topic of automated application deployment and delivery through patterns in particular it focuses on patterns based on open source technologies primarily openstack

## **Cloud Computing and Services Science**

2010

data science and big data analytics is about harnessing the power of data for new insights the book covers the breadth of activities and methods and tools that data scientists use the content focuses on concepts principles and practical applications that are applicable to any industry and technology environment and the learning is supported and explained with examples that you can replicate using open source software this book will help you become a contributor on a data science team deploy a structured lifecycle approach to data analytics problems apply appropriate analytic techniques and tools to analyzing big data learn how to tell a compelling story with data to drive business action prepare for emc proven professional data science certification corresponding data sets are available at wiley com go 9781118876138 get started discovering analyzing visualizing and presenting data in a meaningful way today

## **Automated Application Delivery with OpenStack Heat Patterns**

2015

in an age where everything is measurable understanding big data is an essential from creating new data driven products through to increasing operational efficiency big data has the potential to make your organization both more competitive and more innovative as this emerging field transitions from the bleeding edge to enterprise infrastructure it s vital to understand not only the technologies involved but the organizational and cultural demands of being data driven written by o reilly radar s experts on big data this anthology describes the broad industry changes heralded by the big data era what big data is what it means to your business and how to start solving data problems the software that makes up the hadoop big data stack and the major enterprise vendors hadoop solutions the landscape of nosql databases and their relative merits how visualization plays an important part in data work

## **RESTful Web Services Cookbook**

2014-12-19

there s a lot of information about big data technologies but splicing these technologies into an end to end enterprise data platform is a daunting task not widely covered with this practical book you ll learn how to build big data

infrastructure both on premises and in the cloud and successfully architect a modern data platform ideal for enterprise architects it managers application architects and data engineers this book shows you how to overcome the many challenges that emerge during hadoop projects you ll explore the vast landscape of tools available in the hadoop and big data realm in a thorough technical primer before diving into infrastructure look at all component layers in a modern data platform from the server to the data center to establish a solid foundation for data in your enterprise platform understand aspects of deployment operation security high availability and disaster recovery along with everything you need to know to integrate your platform with the rest of your enterprise it taking hadoop to the cloud learn the important architectural aspects of running a big data platform in the cloud while maintaining enterprise security and high availability

## **REST Compliant Clients for REST APIs**

2012-03-12

this ibm redpaper publication explains how ibm spectrum discover integrates with the ibm watson knowledge catalog wkc component of ibm cloud pak for data ibm cp4d to make the enriched catalog content in ibm spectrum discover along with the associated data available in wkc and ibm cp4d from an end to end ibm solution point of view ibm cp4d and wkc provide state of the art data governance collaboration and artificial intelligence ai and analytics tools and ibm spectrum discover complements these features by adding support for unstructured data on large scale file and object storage systems on premises and in the cloud many organizations face challenges to manage unstructured data some challenges that companies face include pinpointing and activating relevant data for large scale analytics machine learning ml and deep learning dl workloads lacking the fine grained visibility that is needed to map data to business priorities removing redundant obsolete and trivial rot data and identifying data that can be moved to a lower cost storage tier identifying and classifying sensitive data as it relates to various compliance mandates such as the general data privacy regulation gdpr payment card industry data security standards pci dss and the health information portability and accountability act hipaa this paper describes how ibm spectrum discover provides seamless integration of data in ibm storage with ibm watson knowledge catalog wkc features include event based cataloging and tagging of unstructured data across the enterprise automatically inspecting and classifying over 1000 unstructured data types including genomics and imaging specific file formats automatically registering assets with wkc based on ibm spectrum discover search and filter criteria and by using assets in ibm cp4d enforcing data governance policies in wkc in ibm cp4d based on insights from ibm spectrum discover and using assets in ibm cp4d several in depth use cases are used that show examples of healthcare life sciences and financial services ibm spectrum discover integration with wkc enables storage administrators data stewards and data scientists to efficiently manage classify and gain insights from massive amounts of data the integration improves storage economics helps mitigate risk

and accelerates large scale analytics to create competitive advantage and speed critical research

## **Data Science and Big Data Analytics**

2018-12-05

discover how to simplify your data center architecture reduces costs and improve speed and agility with cisco ucs at your side about this book learn how to reduce equipment and operating costs consolidate resources and automate data center processes eliminate manual time consuming tasks that were traditionally required to connect servers in data centers a practical hands on guide that will help you to deploy servers and application stacks with ease who this book is for this book is for system network and storage administrators who are responsible for cisco ucs deployments you need to have basic knowledge of server architecture network and storage technologies what you will learn set up your lab using cisco ucs emulator configure cisco ucs lan and san connectivity create and manage service profiles perform various tasks using ucs backup and restore cisco ucs configuration test various cisco ucs scenarios manage and automate multiple domains in detail cisco unified computer system ucs is a powerful solution for modern data centers and is responsible for increasing efficiency and reducing costs this hands on guide will take you through deployment in cisco ucs using real world examples of configuring and deploying cisco ucs components we ll prepare you for the practical deployments of cisco ucs data center solutions if you want to develop and enhance your hands on skills with cisco ucs solutions this book is certainly for you we start by showing you the cisco ucs equipment options then introduce cisco ucs emulator so you can learn and practice deploying cisco ucs components we ll also introduce you to all the areas of ucs solutions through practical configuration examples moving on you ll explore the cisco ucs manager which is the centralized management interface for cisco ucs once you get to know ucs manager you ll dive deeper into configuring lan san identity pools resource pools and service profiles for the servers you ll also get hands on with administration topics including backup restore user s roles and high availability cluster configuration finally you will learn about virtualized networking third party integration tools and testing failure scenarios by the end of this book you ll know everything you need to know to rapidly grow cisco ucs deployments in the real world style and approach this hands on book takes a tutorial based approach to help you understand the practical methodologies and deployment of cisco ucs components

## **Planning for Big Data**

2020-08-11

this handbook offers comprehensive coverage of recent advancements in big data technologies and related paradigms chapters are authored by international

leading experts in the field and have been reviewed and revised for maximum reader value the volume consists of twenty five chapters organized into four main parts part one covers the fundamental concepts of big data technologies including data curation mechanisms data models storage models programming models and programming platforms it also dives into the details of implementing big sql query engines and big stream processing systems part two focuses on the semantic aspects of big data management including data integration and exploratory ad hoc analysis in addition to structured querying and pattern matching techniques part three presents a comprehensive overview of large scale graph processing it covers the most recent research in large scale graph processing platforms introducing several scalable graph querying and mining mechanisms in domains such as social networks part four details novel applications that have been made possible by the rapid emergence of big data technologies such as internet of things iot cognitive computing and scada systems all parts of the book discuss open research problems including potential opportunities that have arisen from the rapid progress of big data technologies and the associated increasing requirements of application domains designed for researchers it professionals and graduate students this book is a timely contribution to the growing big data field big data has been recognized as one of leading emerging technologies that will have a major contribution and impact on the various fields of science and various aspect of the human society over the coming decades therefore the content in this book will be an essential tool to help readers understand the development and future of the field

## **Architecting Modern Data Platforms**

2017-04-27

## **Cataloging Unstructured Data in IBM Watson Knowledge Catalog with IBM Spectrum Discover**

2017-02-25

## **Implementing Cisco UCS Solutions**

## **Handbook of Big Data Technologies**