

Drools Developer S Cookbook Lucas Amador

"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

If you understand basic mathematics and know how to program with Python, you're ready to dive into signal processing. While most resources start with theory to teach this complex subject, this practical book introduces techniques by showing you how they're applied in the real world. In the first chapter alone, you'll be able to decompose a sound into its harmonics, modify the harmonics, and generate new sounds. Author Allen Downey explains techniques such as spectral decomposition, filtering, convolution, and the Fast Fourier Transform. This book also provides exercises and code examples to help you understand the material. You'll explore: Periodic signals and their spectrums Harmonic structure of simple waveforms Chirps and other sounds whose spectrum changes over time Noise signals and natural sources of noise The autocorrelation function for estimating pitch The discrete cosine transform (DCT) for compression The Fast Fourier Transform for spectral analysis Relating operations in time to filters in the frequency domain Linear time-invariant (LTI) system theory Amplitude modulation (AM) used in radio Other books in this series include Think Stats and Think Bayes, also by Allen Downey.

Jess in Action first introduces rule programming concepts and teaches you the Jess language. Armed with this knowledge, you then progress through a series of fully-developed applications chosen to expose you to practical rule-based development. The book shows you how you can add power and intelligence to your Java software.

Sensible artistic advice and lively personal anecdotes in rare important work by famed Surrealist. Filled with Dali's outrageous egotism and unconventional humor, insights into modern art and his own drawings in the margins.

How to Build a Business Rules Engine

Catalogue Raisonne

Knative Cookbook

9th IFIP WG 5.5 International Conference, BASYS 2010, Valencia, Spain, July 21-23, 2010, Proceedings

Designing and Building Big Data Systems using the Hadoop Ecosystem

Extending Application Functionality Through Metadata Engineering

Technologies and Techniques for IoT Security, Privacy and Data Protection

2.1 E-Government: e-Governance and e-Democracy The term Electronic Government (e-Government), as an expression, was coined after the example of Electronic Commerce. In spite of being a relatively recent expression, e-Government designates a field of activity that has been with us for several decades and which has attained a high level of penetration in many countries². What has been observed over the recent years is a shift on the broadness of the e-Government concept. The ideas inside e-Governance and e-Democracy are to some extent promising big changes in public administration. The demand now is not only simply delivering a service - line. It is to deliver complex and new services, which are all citizen-centric. Another important demand is related to the improvement of citizen's participation in governmental processes and decisions so that the governments' transparency and legitimacy are enforced. In order to fulfill these new demands, a lot of research has been done over the recent years (see Section 3) but many challenges are still to be faced, not only in the technological field, but also in the political and social aspects.

Contains papers presented at "Expert Systems 88", the eighth annual conference of the British Computer Society Specialist Group on Expert Systems, held in Brighton in December 1988. Covers many aspects of current work, in particular, theoretical topics, practical techniques and real applications of expert systems (a wide spectrum of commercial and industrial interest). The theme of the 1988 conference was "integrating with mainstream software development." No index. Annotation copyrighted by Book News, Inc., Portland, OR

The landmark 2008 presidential and vice presidential campaigns of Hillary Clinton and Sarah Palin brought the role of women in American leadership into sharper focus than ever before. These women and others such as Nancy Pelosi and Katie Couric who are successful in traditionally male-dominated fields, demonstrate how women's roles have changed in the last thirty years. In the past, the nightly news was anchored by male journalists, presidential cabinets were composed solely of male advisors, and a female presidential candidate was an idea for the distant future, but the efforts of dedicated reformers have changed the social landscape. The empowerment of women is not limited to the political sphere, but is also echoed by the portrayal of women in film, television, magazines, and literature. You've Come a Long Way, Baby: Women, Politics, and Popular Culture investigates the role of popular culture in women's lives. Framed by discussions of contemporary feminism, the volume examines gender in relation to sexuality, the workplace, consumerism, fashion, politics, and the beauty industry. In analyzing societal depictions of women, editor Lilly J. Goren and an impressive list of contributors illustrate how media reflects and shapes the feminine sense of power, identity, and the daily challenges of the twenty-first century. Along with a discussion of women in politics,

various contributors examine a range of gender-related issues from modern motherhood and its implications for female independence to the roles of women and feminism in pop music. In addition, Natalie Fuehrer Taylor outlines the evolution of women's magazines from Ladies' Home Journal to Cosmopolitan. The impact of television and literature on body image issues is also explored by Linda Beail, who draws on trendy chick lit phenomena such as Gossip Girl and Sex and the City, and Emily Askew, who analyzes the effects of image transformation in programs such as The Swan and Extreme Makeover. As comprehensive as it is accessible, You've Come a Long Way, Baby is a practical guide to understanding modern gender roles. In tracing the different ways in which femininity is constructed and viewed, the book demonstrates how women have reclaimed traditionally domestic activities that include knitting, gardening, and cooking, as well as feminine symbols such as Barbie dolls, high heels, and lipstick. Though the demand for and pursuit of gender equality opened many doors, the contributors reveal that fictional women's roles are often at odds with the daily experiences of most women. By employing an open approach rather than adhering to a single, narrow theory, You've Come a Long Way, Baby appeals not only to scholars and students of gender studies but to anyone interested in confronting the struggles and celebrating the achievements of women in modern society.

A cozy mystery that's out of this world.. Men in Black. Conspiracy-crazed old ladies. Can a clueless innkeeper catch a killer ... and stick to her carefully crafted schedule? When control-freak Susan Witsend inherits her grandmother's UFO-themed B&B, she's ready to put her organizational skills to the test. She knows she can make the B&B work, even if there is a faux-UFO in the roof. After all, what's not to love about a Victorian nestled in the high Sierra foothills? None of her carefully crafted policies and procedures, however, can prepare her for a corpse in room seven - the body of her small-town sheriff's ex-husband. Good thing Susan has her own plans to solve the crime. But is there a government conspiracy afoot? Or is the murder a simple case of small-town vengeance? Susan must keep all her wits about her. Because the killer isn't finished, and if she isn't careful, her fate may be written in the stars... Beam up this hilarious cozy mystery today!

Breakfast recipes in the back of the book.

Real-time apps and microservices with the Kafka Streams API

Hieronymus Bosch, Painter and Draughtsman

Cannibalism in Literature and Film

Healing the Symptoms Known As Autism

Business Success and Societal Embedding

Metaphorical Ways of Knowing

Security Risk Management for the Internet of Things

This book imagines new modes of religious response to trauma, moving beyond simple answers to the 'why' of human suffering toward discussions of profound expressions of faith in the aftermath of trauma. Engaging current realities such as war, race, and climate change, chapters feature specific locations from which theology is done and draw on the resources of Christian faith in order to respond. This volume recognizes religious leaders as first-responders to trauma and offers theological reflections that can stand up in the current realities of violence and its aftermath. The writings provide models for how to integrate the language of faith with the literature of trauma.

A comprehensive study of cannibalism in literature and film, spanning colonial fiction, Gothic texts and contemporary American horror. Amidst the sharp teeth and horrific appetite of the cannibal, this book examines real fears of over-consumerism and consumption that trouble an ever-growing modern world.

This book takes a practical approach, with step-by-step instructions. It doesn't hesitate to talk about the technologies, but takes time to explain them (to an Excel power-user level). There is a good use of graphics and code where necessary. If you are a business analyst - somebody involved with enterprise IT but at a high level, understanding problems and planning solutions, rather than coding in-depth implementations - then this book is for you. If you are a business user who needs to write rules, or a technical person who needs to support rules, this book is for you. If you are looking for an introduction to rule engine technology, this book will satisfy your needs. If you are a business user and want to write rules using Guvnor/JBoss IDE, this book will be suitable for you. This book will also suit your need if you are a business user and want to understand what Drools can do and how it works, but would rather leave the implementation to a developer.

With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you. Explore many popular design patterns, including Modules, Observers, Facades, and Mediators. Learn how modern architectural patterns—such as MVC, MVP, and MVVM—are useful from the perspective of a modern web application developer. This book also walks experienced JavaScript developers through modern module formats, how to namespace code effectively, and other essential topics. Learn the structure of design patterns and how they are written Understand different pattern categories, including creational, structural, and behavioral Walk through more than 20 classical and modern design patterns in JavaScript Use several options for writing modular code—including the Module pattern, Asynchronous Module Definition (AMD), and CommonJS Discover

design patterns implemented in the jQuery library Learn popular design patterns for writing maintainable jQuery plug-ins "This book should be in every JavaScript developer's hands. It's the go-to book on JavaScript patterns that will be read and referenced many times in the future."—Andrée Hansson, Lead Front-End Developer, presis!

50 Secrets of Magic Craftsmanship

Post-Traumatic Public Theology

Principles and Programming

At Wits' End

A Book of Lenses, Second Edition

The Art of Game Design

Kafka Streams in Action

Expert Systems for Engineering Design presents the application of expert system methods to a variety of engineering design problems. This book provides the technical details on how the methods are used to solve specific design problems in chemical engineering, civil engineering, and several others. Organized into 12 chapters, this book begins with an overview of the synthesis, the creation, and development of alternative designs. This text then examines the nature of design expertise and the types of computer tools that can enhance the expert's decision-making. Other chapters consider the integration of tools into intelligent, cooperative frameworks. This book discusses as well the use of graphic interfaces with built-in knowledge about the designs being configured. The final chapter deals with the development of software tools for automatic design synthesis and evaluation within the integrated framework of a computer-aided mechanical design system known as CASE, which stands for computer-aided simultaneous engineering. This book is a valuable resource for engineers and architects.

Good game design happens when you view your game from as many perspectives as possible. Written by one of the world's top game designers, The Art of Game Design presents 100+ sets of questions, or different lenses, for viewing a game's design, encompassing diverse fields such as psychology, architecture, music, visual design, film, software engineering, theme park design, mathematics, puzzle design, and anthropology. This Second Edition of a Game Developer Front Line Award winner: Describes the deepest and most fundamental principles of game design Demonstrates how tactics used in board, card, and athletic games also work in top-quality video games Contains valuable insight from Jesse Schell, the former chair of the International Game Developers Association and award-winning designer of Disney online games The Art of Game Design, Second Edition gives readers useful perspectives on how to make better game designs faster. It provides practical instruction on creating world-class games that will be played again and again.

This book constitutes the refereed proceedings of the 4th International Conference on Service-Oriented Computing, ICSOC 2006, held in Chicago, IL, USA, December 2006. Coverage in this volume includes service mediation, grid services and scheduling, mobile and P2P services, adaptive services, data intensive services, XML processing, service modeling, service assembly, experience with deployed SOA, and early adoption of SOA technology.

This is a problem-solution guide that starts with an introduction to a problem and continues with a discussion of the possible solution. The book covers best practices when working with Drools. The examples and their solutions are accompanied by plenty of code listings and figures providing a better view of the problem. The book is for Java developers who want to create rules-based business logic using the Drools platform. Basic knowledge of Java is essential.

Introduction to Psychology

A JavaScript and jQuery Developer's Guide

You've Come A Long Way, Baby

Warning Miracle

Research and Development in Expert Systems V

Women, Politics, and Popular Culture

The Marking Enterprise

The chapters in the book present real-life examples, usually starting with an introduction to the problem, and a discussion of the possible solution. Then the solution is implemented in a step by step fashion implementing several rules. The book is for Java developers who want to create rule-based business logic using the Drools platform.

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A simple Starter, introducing the Drools concept. The book takes a meticulous approach to providing quick and simple solutions in a practical manner for rules engines and their uses. This book is great for developers, architects, and managers who need to evaluate or get up to speed with Drools engine usage and functionality. This book teaches you to capture and document business processes and represent their maintenance development to business users.

Discover the power of Drools 6 and Business Rules for developing complex scenarios in your applications About This Book Implement and model different rules using the DRL

full syntax Model complex business decisions and domain models in order to automate and improve your operational decisions with the Drools framework A practical, fast-paced, hands-on guide to help you use the different components provided by the Drools Rule Engine Who This Book Is For This book is for Java developers and architects who need to have a deep understanding of how to create or integrate your applications with the Drools Rules Framework. The book assumes that you know the Java language well and also have experience with some widely used frameworks, such as Spring. You should also know the basics of Maven-based applications. What You Will Learn Automate your application's decisions, such as promotion applying, discount policies, fraud detection, and more. Quickly get started with writing your first rules using the DRL full syntax. Discover the power of the new syntax components of the rule language. Define inferences in your business rules to simplify complex decisions. Write decision tables, templates, domain-specific languages, and scorecards, and learn how to map them to the Drools framework. Harness the full operational power of Drools through all of its configuration points. Use Drools configurations and architectures for different environments and scenarios. In Detail Mastering JBoss Drools 6 will provide you with the knowledge to develop applications involving complex scenarios. You will learn how to use KIE modules to create and execute Business Rules, and how the PHREAK algorithm internally works to drive the Rule Engine decisions. This book will also cover the relationship between Drools and jBPM, which allows you to enrich your applications by using Business Processes. You will be briefly introduced to the concept of complex event processing (Drools CEP) where you will learn how to aggregate and correlate your data based on temporal conditions. You will also learn how to define rules using domain-specific languages, such as spreadsheets, database entries, PMML, and more. Towards the end, this book will take you through the integration of Drools with the Spring and Camel frameworks for more complex applications. Style and approach Approached from a developer's perspective, the book teaches you all the advanced concepts of Business Rules applicable examples with helpful screenshots, diagrams, tutorials, and examples.

Enterprise developers face several challenges when it comes to building serverless applications, such as integrating applications and building container images from source. With more than 60 practical recipes, this cookbook helps you solve these issues with Knative—the first serverless platform natively designed for Kubernetes. Each recipe contains detailed examples and exercises, along with a discussion of how and why it works. If you have a good understanding of serverless computing and Kubernetes core resources such as deployment, services, routes, and replicas, the recipes in this cookbook show you how to apply Knative in real enterprise application development. Authors Kamesh Sampath and Burr Sutter include chapters on autoscaling, build and eventing, observability, Knative on OpenShift, and more. With this cookbook, you ' ll learn how to: Efficiently build, deploy, and manage modern serverless workloads Apply Knative in real enterprise scenarios, including advanced eventing Monitor your Knative serverless applications effectively Integrate Knative with CI/CD principles, such as using pipelines for faster, more successful production deployments Deploy a rich ecosystem of enterprise integration patterns and connectors in Apache Camel K as Kubernetes and Knative components

Balanced Automation Systems for Future Manufacturing Networks

Challenges of Expanding Internet: E-Commerce, E-Business, and E-Government

Capture, Automate, and Reuse Your Business Processes in a Clear English Language that Your Computer Can Understand

Artificial Intelligence in Medicine

JBoss Drools Business Rules

Think DSP

With Notes Historical and Critical

As of May 2013, 93 children previously diagnosed with regressive autism were able to shed their autism diagnosis, their symptoms, and return to an overall state of health and vitality using the protocols revealed in this book. Kerri Rivera has outlined a very complete approach to autism recovery that includes an understanding of the importance of Biofilm theory and protocol. She recommends safe interventions that do no harm, and are helping to confront a growing epidemic. Kerri Rivera's approach includes common sense dietary recommendations, the use of supplements to restore balance to the body and immune system, as well as mild oxidative therapies to address chronic infection and inflammation. She has taken children who were in the throes of autism (meaning chronic illness) to healing. The symptoms being labeled as autism are fading away, the children are talking and socializing, and their ATEC scores prove beyond a shadow of a doubt what their parents are claiming: their children no longer have autism. Kerri Rivera's grasp of a biomedical approach to Autism recovery, paired with her passion for service has allowed families of all socioeconomic backgrounds to have what they might never have otherwise found: a means by which to help their children. This book contains over 120 testimonials from parents (and some of the children themselves) describing their journey and resulting success.

Theory and practical classroom applications meet in this book, linking activities and resources to current classroom concerns, including multiculturalism and imagination in reading and writing. Based on research into the nature and dynamics of English, this book is for anyone enamoured of the English language.

Knowledge representation is at the very core of a radical idea for understanding intelligence. This book talks about the central concepts of knowledge representation developed over the years. It is suitable for researchers and practitioners in database management, information retrieval, object-oriented systems and artificial intelligence.

Drools Developer's CookbookPackt Publishing Ltd

The Works of Jonathan Swift ...

Develop Rules-based Business Logic Using the Drools Platform

Pro Hadoop Data Analytics

The Imaginative Nature of Thought and Expression

DevOps for Developers

Essential Node.js Security

An insightful guide to learning the Go programming language About This Book Insightful coverage of Go programming syntax, constructs, and idioms to help you understand Go code effectively Push your Go skills, with topics such as, data types, channels, concurrency, object-oriented Go, testing, and network programming Each chapter provides working code samples that are designed to help reader quickly understand respective topic Who This Book Is For If you have prior exposure to programming and are interested in learning the Go programming language, this book is designed for you. It will quickly run you through the basics of programming to let you exploit a number of features offered by Go programming language. What You Will Learn Install and configure the Go development environment to quickly get started with your first program. Use the basic elements of the language including source code structure, variables, constants, and control flow primitives to quickly get started with Go Gain practical insight into the use of Go's type system including basic and composite types such as maps, slices, and structs. Use interface types and techniques such as embedding to create idiomatic object-oriented programs in Go. Develop effective functions that are encapsulated in well-organized package structures with support for error handling and panic recovery. Implement goroutine, channels, and other concurrency primitives to write highly-concurrent and safe Go code Write tested and benchmarked code using Go's built test tools Access OS resources by calling C libraries and interact with program environment at runtime In Detail The Go programming language has firmly established itself as a favorite for building complex and scalable system applications. Go offers a direct and practical approach to programming that let programmers write correct and predictable code using concurrency idioms and a full-featured standard library. This is a step-by-step, practical guide full of real world examples to help you get started with Go in no time at all. We start off by understanding the fundamentals of Go, followed by a detailed description of the Go data types, program structures and Maps. After this, you learn how to use Go concurrency idioms to avoid pitfalls and create programs that are exact in expected behavior. Next, you will be familiarized with the tools and libraries that are available in Go for writing and exercising tests, benchmarking, and code coverage. Finally, you will be able to utilize some of the most important features of GO such as, Network Programming and OS integration to build efficient applications. All the concepts are explained in a crisp and concise manner and by the end of this book; you would be able to create highly efficient programs that you can deploy over cloud. Style and approach The book is written to serve as a reader-friendly step-by-step guide to learning the Go programming language. Each topic is sequentially introduced to build on previous materials covered. Every concept is introduced with easy-to-follow code examples that focus on maximizing the understanding of the topic at hand.

Based on their studies of successful firms, the authors highlight two main paths to success. As well as delivering a groundbreaking new analytical framework, they also provide practical advice to practitioners on avoiding pitfalls and taking decisions while elaborating their marketing discipline.

Using a unique "magazine-style" format, this THOMSON ADVANTAGE BOOKS version of INTRODUCTION TO PSYCHOLOGY offers a modular, visually-oriented approach to the fundamentals that makes even the toughest concepts engaging and entertaining.. Incorporating the latest research updates, the text breaks concepts down into small, easily digested chunks.

Manufacturing and operations management paradigms are evolving toward more open and resilient spaces where innovation is driven not only by ever-changing customer needs but also by agile and fast-reacting networked structures. Flexibility, adaptability and responsiveness are properties that the next generation of systems must have in order to successfully support such new emerging trends. Customers are being attracted to be involved in Co-innovation Networks, as - proved responsiveness and agility is expected from industry ecosystems. Renewed production systems needs to be modeled, engineered and deployed in order to achieve cost-effective solutions. BASYS conferences have been developed and organized as a forum in which to share visions and research findings for innovative sustainable and knowledge-based products-services and manufacturing models. Thus, the focus of BASYS is to discuss how human actors, emergent technologies and even organizations are integrated in order to redefine the way in which the val- creation process must be conceived and realized. BASYS 2010, which was held in Valencia, Spain, proposed new approaches in automation where synergies between people, systems and organizations need to be fully exploited in order to create high added-value products and services. This book contains the selection of the papers which were accepted for presentation at the BASYS 2010 conference, covering consolidated and emerging topics of the conference scope.

Digital Signal Processing in Python

Drools JBoss Rules 5.0 Developer's Guide

Learning Go Programming

Drools Jboss Rules 5.5 Developer's Guide

Foundation, Theory and Practice

Mastering JBoss Drools 6

Knowledge Representation and Reasoning

Compiled by members of the Bosch Research and Conservation Project and published on the 500th anniversary of Hieronymus Bosch's death, this is the definitivenew catalogue of all of Bosch's extant paintings and drawings. His mastery and genius have been redefined as a result of six years of research on the iconography, techniques, pedigree, and conservation history of his paintings and on his life. This stunning volume includes all new photography, as well as up-to-date research on the individual works. For the first time, the incredible creativity of this late medieval artist, expressed in countless details, is reproduced and discussed in this book. Special attention is being paid to Bosch as an image maker, a skilled draughtsman, and a brutal painter, changing the game of painting around 1500 by his innovative way of working."

This book constitutes the refereed proceedings of the 17th Conference on Artificial Intelligence in Medicine, AIME 2019, held in Poznan, Poland, in June 2019. The 22 revised full and 31 short papers presented were carefully reviewed and selected from 134 submissions. The papers are organized in the following topical sections: deep learning; simulation; knowledge representation; probabilistic models; behavior monitoring; clustering, natural language processing, and decision support; feature selection; image processing; general machine learning; and unsupervised learning.

Demonstrating how to develop a business rules engine, this guide covers user requirements, data modelling, metadata and more. A sample application is used throughout the book to illustrate concepts. The text includes conceptual overview chapters suitable for management-level readers, including a general introduction, business justification, development and implementation considerations and more. Demonstrating how to develop a business rules engine, this guide covers user requirements, data modelling and metadata. It includes conceptual overview chapters suitable for management-level readers, a general introduction, business justification, development and implementation considerations.

Part of Packt's cookbook series, this book is packed with easy to follow recipes containing step-by-step instructions. The book is designed in such a way that you can read it chapter by chapter, or refer to the tasks in no particular order. This book is for Drools developers who want to improve their current working methods and discover new features to apply to their projects. Readers are expected to be familiar with the basics of the Drools platform as well as Java.

Service-Oriented Computing - ICSOC 2006

17th Conference on Artificial Intelligence in Medicine, AIME 2019, Poznan, Poland, June 26–29, 2019, Proceedings

Expert Systems for Engineering Design

Rule-Based Systems in Java

4th International Conference, Chicago, IL, USA, December 4-7, Proceedings

Jess in Action

5th IFIP Conference on e-Commerce, e-Business, and e-Government (I3E'2005), October 28-30 2005, Poznan, Poland

Hands-on and abundant with source code for a practical guide to Securing Node.js web applications. This book is intended to be a hands-on thorough guide for securing web applications based on Node.js and the ExpressJS web application framework. Many of the concepts, tools and practices in this book are primarily based on open source libraries and the author leverages these projects and highlights them. The main objective of the book is to equip the reader with practical solutions to real world problems, and so this book is heavily saturated with source code examples as well as a high level description of the risks involved with any security topic, and the practical solution to prevent or mitigate it.

Summary Kafka Streams in Action teaches you everything you need to know to implement stream processing on data flowing into your Kafka platform, allowing you to focus on getting more from your data without sacrificing time or effort. Foreword by Neha Narkhede, Cocreator of Apache Kafka Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Not all stream-based applications require a dedicated processing cluster. The lightweight Kafka Streams library provides exactly the power and simplicity you need for message handling in microservices and real-time event processing. With the Kafka Streams API, you filter and transform data streams with just Kafka and your application. About the Book Kafka Streams in Action teaches you to implement stream processing within the Kafka platform. In this easy-to-follow book, you'll explore real-world examples to collect, transform, and aggregate data, work with multiple processors, and handle real-time events. You'll even dive into streaming SQL with KSQL! Practical to the very end, it finishes with testing and operational aspects, such as monitoring and debugging. What's inside Using the KStreams API Filtering, transforming, and splitting data Working with the Processor API Integrating with external systems About the Reader Assumes some experience with distributed systems. No knowledge of Kafka or streaming applications required. About the Author Bill Bejeck is a Kafka Streams contributor and Confluent engineer with over 15 years of software development experience. Table of Contents PART 1 - GETTING STARTED WITH KAFKA STREAMS Welcome to Kafka Streams Kafka quicklyPART 2 - KAFKA STREAMS DEVELOPMENT Developing Kafka Streams Streams and state The KTable API The Processor APIPART 3 - ADMINISTERING KAFKA STREAMS Monitoring and performance Testing a Kafka

Streams applicationPART 4 - ADVANCED CONCEPTS WITH KAFKA STREAMS Advanced applications with Kafka StreamsAPPENDIXES Appendix A - Additional configuration information Appendix B - Exactly once semantics

In this book, the authors present rule-based programming in CLIPS (a rule-based programming language developed at NASA in part by Gary Riley). This book covers the construction of expert systems using rule-based programming methodologies. In this new edition the CLIPS software has been completely updated from version 4.2 to 6.0 and new CLIPS features have been included. The prerequisites are a structured programming and a data structures courses.

This book offers a concise, readable explanation of the theory of dysphagia and bridges that with material on clinical application. Covering both adult and paediatric swallowing assessment, treatment and management, the book will provide clinicians with common clinical presentations of dysphagia and a framework for a problem based learning approach.

Learning JavaScript Design Patterns

Dysphagia

Proceedings of Expert Systems 88, the Eighth Annual Technical Conference of the British Computer Society Specialist Group on Expert Systems, Brighton, 12-15 December 1988

Expert Systems

Drools Developer's Cookbook

Twelve Years a Slave

Building Effective Serverless Applications with Kubernetes and OpenShift

Learn advanced analytical techniques and leverage existing tool kits to make your analytic applications more powerful, precise, and efficient. This book provides the right combination of architecture, design, and implementation information to create analytical systems that go beyond the basics of classification, clustering, and recommendation. Pro Hadoop Data Analytics emphasizes best practices to ensure coherent, efficient development. A complete example system will be developed using standard third-party components that consist of the tool kits, libraries, visualization and reporting code, as well as support glue to provide a working and extensible end-to-end system. The book also highlights the importance of end-to-end, flexible, configurable, high-performance data pipeline systems with analytical components as well as appropriate visualization results. You'll discover the importance of mix-and-match or hybrid systems, using different analytical components in one application. This hybrid approach will be prominent in the examples. What You'll Learn Build big data analytic systems with the Hadoop ecosystem Use libraries, tool kits, and algorithms to make development easier and more effective Apply metrics to measure performance and efficiency of components and systems Connect to standard relational databases, noSQL data sources, and more Follow case studies with example components to create your own systems Who This Book Is For Software engineers, architects, and data scientists with an interest in the design and implementation of big data analytical systems using Hadoop, the Hadoop ecosystem, and other associated technologies.

In recent years, the rising complexity of Internet of Things (IoT) systems has increased their potential vulnerabilities and introduced new cybersecurity challenges. In this context, state of the art methods and technologies for security risk assessment have prominent limitations when it comes to large scale, cyber-physical and interconnected IoT systems. Risk assessments for modern IoT systems must be frequent, dynamic and driven by knowledge about both cyber and physical assets. Furthermore, they should be more proactive, more automated, and able to leverage information shared across IoT value chains. This book introduces a set of novel risk assessment techniques and their role in the IoT Security risk management process. Specifically, it presents architectures and platforms for end-to-end security, including their implementation based on the edge/fog computing paradigm. It also highlights machine learning techniques that boost the automation and proactiveness of IoT security risk assessments. Furthermore, blockchain solutions for open and transparent sharing of IoT security information across the supply chain are introduced. Frameworks for privacy awareness, along with technical measures that enable privacy risk assessment and boost GDPR compliance are also presented. Likewise, the book illustrates novel solutions for security certification of IoT systems, along with techniques for IoT security interoperability. In the coming years, IoT security will be a challenging, yet very exciting journey for IoT stakeholders, including security experts, consultants, security research organizations and IoT solution providers. The book provides knowledge and insights about where we stand on this journey. It also attempts to develop a vision for the future and to help readers start their IoT Security efforts on the right foot.

DevOps for Developers delivers a practical, thorough introduction to approaches, processes and tools to foster collaboration between software development and operations. Efforts of Agile software development often end at the transition phase from development to operations. This book covers the delivery of software, this means "the last mile", with lean practices for shipping the software to production and making it available to the end users, together with the integration of operations with earlier project phases (elaboration, construction, transition). DevOps for Developers describes how to streamline the software delivery process and improve the cycle time (that is the time from inception to delivery). It will enable you to deliver

software faster, in better quality and more aligned with individual requirements and basic conditions. And above all, work that is aligned with the "DevOps" approach makes even more fun! Provides patterns and toolchains to integrate software development and operations Delivers an one-stop shop for kick-starting with DevOps Provides guidance how to streamline the software delivery process
Instant Drools Starter