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SOL QuickStart Guide

2021 6th International Conference on Intelligent Transportation Engineering (ICITE 2021)

Mastering Julia

Programming Entity Framework

The Software Life Cycle

The MXF Book

Beginning Linux Programming

Advances in Intelligent Systems for Defence

Intelligent System Design

Imperiled Whiteness

Methods and Applications for Modeling and Simulation of Complex Systems

National Association of Broadcasters Engineering Handbook

Handbook of Graphs and Networks in People Analytics

NativeScript for Angular Mobile Development

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Autodesk 3ds Max 2021 Max Script-Part-4

Netflix's Chilling Adventures of Sabrina

Hadoop: The Definitive Guide

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Designing Geodatabases for Transportation

Practical Data Science with Python

Test-Driven Development in Microsoft .NET

iPod and iTunes Hacks

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Women in True Crime Media

Unplugging Popular Culture

Essential SQLAlchemy

IT Convergence and Security 2012

Game Audio Programming 4

Proceedings of the 4th International Workshop on Parallel and Distributed Real-Time Systems

Embodied VulnerAbilities in Literature and Film

SQL Server MVP Deep Dives

Design Solutions for User-Centric Information Systems

Compositional Analysis of Probabilistic Timed Graph Transformation Systems

Intelligent Distributed Video Surveillance Systems

Prediction and Recognition of Piracy Efforts Using Collaborative Human-Centric Information Systems

Mastering ABP Framework

"Whole House" Performance Criteria Framework and Its Application

Official Gazette of the United States Patent and Trademark Office The Routledge Companion to Gender, Sex and Latin American Culture

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FARRELL CALLAHAN

SQL QuickStart Guide Rowman & Littlefield

Continuous improvements in technological applications have allowed more opportunities to develop systems with user-focused designs. This not only leads to higher success in day-to-day usage, but it increases the overall probability of technology adoption. Design Solutions for User-Centric Information Systems provides a comprehensive examination of the latest strategies and methods for creating technological systems with end users as the focal point of the design process. Highlighting innovative practices and applications across a variety of areas, such as cloud-based computing services, e-government adoption, and logistics evaluation, this book is an ideal reference source for computer engineers, practitioners, project managers, graduate students, and researchers interested in the enhancement of user-centric information system development.

2021 6th International Conference on Intelligent Transportation Engineering (ICITE 2021)Routledge

The 48 refereed, original, unpublished papers describe research pertaining to real-time experimental and commercial systems that are parallel and/or distributed, their scientific and commercial applications, and theoretical foundations. The keynote speech is on Ada 95 for real-time, distribution, an

Mastering Julia Universitätsverlag Potsdam

The Routledge Companion to Gender, Sex and Latin American Culture is the first comprehensive volume to explore the intersections between gender, sexuality, and the creation, consumption, and interpretation of popular culture in the Américas. The chapters seek to enrich our understanding of the role of pop culture in the everyday lives of its creators and consumers, primarily in the 20th and 21st centuries. They reveal how popular culture expresses the historical, social, cultural, and political commonalities that have shaped the lives of peoples that make up the Américas, and also highlight how pop culture can conform to and solidify existing social hierarchies, whilst on other occasions contest and resist the status quo. Front and center in this collection are issues of gender and sexuality, making visible the ways in which subjects who inhabit intersectional identities (sex, gender, race, class) are "othered", as well as demonstrating how these same subjects can, and do, use pop-cultural phenomena in self-affirmative and progressively transformative ways. Topics covered in this volume include TV, film, pop and performance art, hip-hop, dance, slam poetry, gender-fluid religious ritual, theater, stand-up comedy, graffiti, videogames, photography, graphic arts, sports spectacles, comic books, sci-fi and other genre novels, lotería card games, news, web, and digital media.

<u>Programming Entity Framework</u> □□□□□□

Immediately implementable code, with extensive and varied illustrations of graph variants and layouts. Examples and exercises across a variety of real-life contexts including business, politics,

education, social media and crime investigation. Dedicated chapter on graph visualization methods. Practical walkthroughs of common methodological uses: finding influential actors in groups, discovering hidden community structures, facilitating diverse interaction in organizations, detecting political alignment, determining what influences connection and attachment. Various downloadable data sets for use both in class and individual learning projects. Final chapter dedicated to individual or group project examples.

The Software Life Cycle Taylor & Francis

The analysis of behavioral models is of high importance for cyber-physical systems, as the systems often encompass complex behavior based on e.g. concurrent components with mutual exclusion or probabilistic failures on demand. The rule-based formalism of probabilistic timed graph transformation systems is a suitable choice when the models representing states of the system can be understood as graphs and timed and probabilistic behavior is important. However, model checking PTGTSs is limited to systems with rather small state spaces. We present an approach for the analysis of large scale systems modeled as probabilistic timed graph transformation systems by systematically decomposing their state spaces into manageable fragments. To obtain qualitative and quantitative analysis results for a large scale system, we verify that results obtained for its fragments serve as overapproximations for the corresponding results of the large scale system. Hence, our approach allows for the detection of violations of qualitative and quantitative safety properties for the large scale system under analysis. We consider a running example in which we model shuttles driving on tracks of a large scale topology and for which we verify that shuttles never collide and are unlikely to execute emergency brakes. In our evaluation, we apply an implementation of our approach to the running example.

The MXF Book "O'Reilly Media, Inc."

Learn how to build modern web applications from the creator of ABP Framework Key Features Build robust, maintainable, modular, and scalable software solutions using ABP Framework Learn how to implement SOLID principles and domain-driven design in your web applications Discover how ABP Framework speeds up your development cycle by automating repetitive tasks Book DescriptionABP Framework is a complete infrastructure for creating modern web applications by following software development best practices and conventions. With ABP's high-level framework and ecosystem, you can implement the Don't Repeat Yourself (DRY) principle and focus on your business code. Written by the creator of ABP Framework, this book will help you to gain a complete understanding of the framework and modern web application development techniques. With step-by-step explanations of essential concepts and practical examples, you'll understand the requirements of a modern web solution and how ABP Framework makes it enjoyable to develop your own solutions. You'll discover the common requirements of enterprise web application development and explore the infrastructure provided by ABP. Throughout the book, you'll get to grips with software development best practices for building maintainable and modular web solutions. By the end of this book, you'll be able to create a complete web solution that is easy to develop, maintain, and test. What you will learn Set up

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the development environment and get started with ABP Framework Work with Entity Framework Core and MongoDB to develop your data access layer Understand cross-cutting concerns and how ABP automates repetitive tasks Get to grips with implementing domain-driven design with ABP Framework Build UI pages and components with ASP.NET Core MVC (Razor Pages) and Blazor Work with multi-tenancy to create modular web applications Understand modularity and create reusable application modules Write unit, integration, and UI tests using ABP Framework Who this book is for This book is for web developers who want to learn software architectures and best practices for building maintainable web-based solutions using Microsoft technologies and ABP Framework. Basic knowledge of C# and ASP.NET Core is necessary to get started with this book. Beginning Linux Programming IOS Press

This book features high-quality, peer-reviewed papers from the 2021 6th International Conference on Intelligent Transportation Engineering (ICITE 2021), held in Beijing, China, on October 29–31, 2021. Presenting the latest developments and technical solutions in Intelligent Transportation engineering, it covers a variety of topics, such as intelligent transportation, traffic control, road networking, intelligent automobile and vehicle operation & management. The book will be a valuable reference for graduate and postgraduate audiences, researchers and engineers, working in Intelligent Transportation Engineering.

Advances in Intelligent Systems for Defence

Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the framework latest version in Visual Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, Programming Entity Framework covers it all -- from the Entity Data Model and Object Services to WCF Services, MVC Apps, and unit testing. This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications Build and consume WCF Services, WCF Data Services, and WCF RIA Services Use Object Services to work directly with your entity objects Create persistent ignorant entities, repositories, and write unit tests Delve into model customization, relationship management, change tracking, data concurrency, and more Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away

Intelligent System Design "O'Reilly Media, Inc."

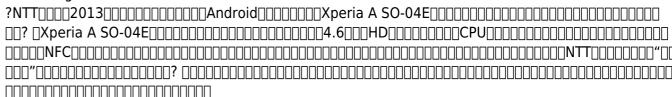
Atmospheric: MAXWrapper The Atmospheric class lets you set up volumetric rendering effects with MAXScript. You can create atmospherics like fire and fog, access various properties on them and maintain their list of gizmo nodes such as lights and atmospheric helpers. The classes derived directly from the Atmospheric class are described in Atmospheric Effect Types. The properties, operators, and methods that are common to all classes derived directly from the Atmospheric class are described in Atmospheric Effects Common Properties, Operators, and Methods. The Atmospheric class is derived from the MAXWrapper class, and inherits the properties and methods defined for

that class. These properties and methods are described in MAXWrapper Common Properties, Operators, and Methods. The topic Working with Atmospherics contains an example of adding Atmospheric Effects to the environment.

Imperiled Whiteness Springer Nature

A hands-on, code-based guide to leveraging Julia in a variety of scientific and data-driven scenarios Key Features Augment your basic computing skills with an in-depth introduction to Julia Focus on topic-based approaches to scientific problems and visualisation Build on prior knowledge of programming languages such as Python, R, or C/C++ Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionJulia is a well-constructed programming language which was designed for fast execution speed by using just-in-time LLVM compilation techniques, thus eliminating the classic problem of performing analysis in one language and translating it for performance in a second. This book is a primer on Julia's approach to a wide variety of topics such as scientific computing, statistics, machine learning, simulation, graphics, and distributed computing. Starting off with a refresher on installing and running Julia on different platforms, you'll quickly get to grips with the core concepts and delve into a discussion on how to use Julia with various code editors and interactive development environments (IDEs). As you progress, you'll see how data works through simple statistics and analytics and discover Julia's speed, its real strength, which makes it particularly useful in highly intensive computing tasks. You'll also and observe how Julia can cooperate with external processes to enhance graphics and data visualization. Finally, you will explore metaprogramming and learn how it adds great power to the language and establish networking and distributed computing with Julia. By the end of this book, you'll be confident in using Julia as part of your existing skill set. What you will learn Develop simple scripts in Julia using the REPL, code editors, and web-based IDEs Get to grips with Julia's type system, multiple dispatch, metaprogramming, and macro development Interact with data files, tables, data frames, SQL, and NoSQL databases Delve into statistical analytics, linear programming, and optimization problems Create graphics and visualizations to enhance modeling and simulation in Julia Understand Julia's main approaches to machine learning, Bayesian analysis, and Al Who this book is for This book is not an introduction to computer programming, but a practical guide for developers who want to enhance their basic knowledge of Julia, or those wishing to augment their skill set by adding Julia to their existing roster of programming languages. Familiarity with a scripting language such as Python or R, or a compiled language such as C/C++, C# or Java, is a prerequisite.

Methods and Applications for Modeling and Simulation of Complex Systems Packt Publishing Ltd



National Association of Broadcasters Engineering Handbook CRC Press

This book presents a collection of high-quality, peer-reviewed research papers from the 7th International Conference on Information System Design and Intelligent Applications (India 2022),

held at BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana, India, from February 25 to 26, 2022. It covers a wide range of topics in computer science and information technology, including data mining and data warehousing, high-performance computing, parallel and distributed computing, computational intelligence, soft computing, big data, cloud computing, grid computing and cognitive computing.

NativeScript for Angular Mobile Development Springer Science & Business Media Designing Geodatabases for Transportation addresses the development of a GIS to manage data relating to the transportation facilities and service commonly organized around various modes of travel for accurate and reliable data exchange. Transportation involves several modes of travel, and although the details of each mode can be quite different, this book demonstrates how all follow a basic conceptual structure. That structure consists of an origin, a destination, a path between the two, and a conveyance that provides the ability to move along the path to establish a common data structure.

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Unplugging Popular Culture showcases youth and young adult characters from film and television who defy the stereotype of the "digital native" who acts as an unquestioning devotee to screened technologies like the smartphone. In this study, unplugged tools, or non-digital tools, do not necessitate a ban on technology or a refusal to acknowledge its affordances but work instead to highlight the ability of fictional characters to move from high tech settings to low tech ones. By repurposing everyday materials, characters model the process of reusing and upcycling existing materials in innovative ways. In studying examples such as Pitch Perfect, Supernatural, Stranger Things, and Get Out, the book aims to make theories surrounding materiality apparent within popular culture and to help today's readers reconsider stereotypes of the young people they encounter on a daily basis.

Autodesk 3ds Max 2021 Max Script-Part-4 Taylor & Francis

Some people are content to use their iPod simply to play music. Some people want to do much more. Those people, and you know who you are, aren't satisfied until they get under the hood and tap every iPod trick available to them. They want to explore and experiment, create shortcuts, and unearth cool and unexpected things to do with their iPod that have never even occurred to their friends. Maybe they want to use their iPod to read email. Maybe they want to use it as a voice recorder, or a device to store their digital photos. Maybe they want to use iTunes visuals as a screensaver, use Java to expand iTunes functionally, or use a cheap Linux box as a server and access MP3 tunes. Or, maybe they just want to paint their iPod a custom color. For those people who want to get more much more out of their iPod iPod and iTunes Hacks is brimming with undocumented tips, tricks, and trade secrets for getting the very most from your iPod. This guide

takes curious and clever iPod owners beyond the obvious with 100 ingenious hacks that will delight, entertain, and add astonishing power to the iPod and iTunes experience.

Netflix's Chilling Adventures of Sabrina John Wiley & Sons

This is not an ordinary SQL Server Book. SQL Server MVP Deep Dives brings together the world's most highly-regarded SQL Server experts to create a masterful collection of tips, techniques, and experience-driven best practices for SQL Server development and administration. These SQL Server MVPs-53 in all-each selected a topic of great interest to them, and in this unique book, they share their knowledge and passion with you. SQL Server MVP Deep Dives is organized into five parts: Design and Architecture, Development, Administration, Performance Tuning and Optimization, and Business Intelligence. Within each part, you'll find a collection of brilliantly concise and focused chapters that take on key topics like mobile data strategies, Dynamic Management Views, or query performance. The range of subjects covered is comprehensive, from database design tips to data profiling strategies for BI. Additionally, the authors of this book have generously donated 100% of their royalties to support War Child International. War Child International is a network of independent organizations, working across the world to help children affected by war. War Child was founded upon a fundamental goal: to advance the cause of peace through investing hope in the lives of children caught up in the horrors of war. War Child works in many different conflict areas around the world, helping hundreds of thousands of children every year. Visit www.warchild.org for more information. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Hadoop: The Definitive Guide Springer Nature

This book constitutes the refereed proceedings of the 22nd Asia Simulation Conference on Methods and Applications for Modeling and Simulation of Complex Systems, AsiaSim 2023, held in Langkawi, Malaysia, during October 25–26, 2023. The 77 full papers included in this book were carefully reviewed and selected from 164 submissions. They were organized in topical sections as follows: Modelling and Simulation, Artificial intelligence, Industry 4.0, Digital Twins Modelling, Simulation and Gaming, Simulation for Engineering, Simulation for Sustainable Development, Simulation in Social Sciences.

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The Software Life Cycle deals with the software lifecycle, that is, what exactly happens when software is developed. Topics covered include aspects of software engineering, structured techniques of software development, and software project management. The use of mathematics to design and develop computer systems is also discussed. This book is comprised of 20 chapters divided into four sections and begins with an overview of software engineering and software development, paying particular attention to the birth of software engineering and the introduction of formal methods of software development. The next section explores some aspects of software engineering that tend to get ignored in the literature, including functional programming, functional-programming languages, and relational databases. The reader is then introduced to structured methods of software development, along with software project management. The final chapter is devoted to software testing, which can be functional or nonfunctional. This monograph will be useful to software engineers and designers.

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Designing Geodatabases for Transportation Simon and Schuster

Maritime piracy is the cause of widespread international concern, and the number of pirate attacks has increased substantially in recent years. Many commercial vessels are inherently vulnerable to attack because of their size and relative slowness, and technological improvements have resulted in smaller crews on large vessels, whilst the absence of enforcement agencies in international waters has served only to make pirates more daring. Collaborative human-centric information support systems can significantly improve the ability of every nation to predict and prevent pirate attacks, or to recognize the nature and size of an attack rapidly when prevention fails, and improve the collective response to an emergency. This book presents the papers delivered at the NATO Advanced Study Institute (ASI) Prediction and Recognition of Piracy Efforts Using Collaborative

Human-Centric Information Systems, held in Salamanca, Spain, in September 2011. A significant observation from previous NATO Advanced Study Institutes and Workshops was that domain experts responsible for maritime security were not fully aware of the wide variety of technological solutions available to enhance their support systems, and that although technology experts have a general understanding of the requirements in security systems, they often lacked knowledge concerning the operational constraints affecting those who implement security procedures. This ASI involved both technology and domain experts, as well as students from related fields of study. It offered an opportunity for them to discuss the issues surrounding the prediction, recognition and deterrence of maritime piracy, and will be of interest to all those whose work is related to this internationally important issue.