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Hacker Disassembling Uncovered, 2nd ed - Kris Kaspersky 2007

Going beyond the issues of analyzing and optimizing programs as well as creating the means of protecting information, this guide takes on the programming problem of how to go about disassembling a program with

holes without its source code. Detailing hacking methods used to analyze programs using a debugger and disassembler such as virtual functions, local and global variables, branching, loops, objects and their hierarchy, and mathematical operators, this guide covers methods of fighting

disassemblers, self-modifying code in operating systems, and executing code in the stack. Advanced disassembler topics such as optimizing compilers and movable code are discussed as well, and a CD-ROM that contains illustrations and the source codes for the programs is also included.

Mac OS X Internals - Amit Singh
2006-06-19

Mac OS X was released in March 2001, but many components, such as Mach and BSD, are considerably older. Understanding the design, implementation, and workings of Mac OS X requires examination of several technologies that differ in their age, origins, philosophies, and roles. *Mac OS X Internals: A Systems Approach* is the first book that dissects the internals of the system, presenting a detailed picture that grows incrementally as you read. For example, you will learn the roles of the firmware, the bootloader, the Mach and

BSD kernel components (including the process, virtual memory, IPC, and file system layers), the object-oriented I/O Kit driver framework, user libraries, and other core pieces of software. You will learn how these pieces connect and work internally, where they originated, and how they evolved. The book also covers several key areas of the Intel-based Macintosh computers. A solid understanding of system internals is immensely useful in design, development, and debugging for programmers of various skill levels. System programmers can use the book as a reference and to construct a better picture of how the core system works. Application programmers can gain a deeper understanding of how their applications interact with the system. System administrators and power users can use the book to harness the power of the rich environment offered by Mac OS X. Finally,

members of the Windows, Linux, BSD, and other Unix communities will find the book valuable in comparing and contrasting Mac OS X with their respective systems. Mac OS X Internals focuses on the technical aspects of OS X and is so full of extremely useful information and programming examples that it will definitely become a mandatory tool for every Mac OS X programmer.

Oil and Gas Tax - Denney L. Wright
2019-11-14

Taxation of oil and gas is one of the more complicated areas of the U.S. federal income tax law. Unique principles have developed over the years as Congress, the IRS, the courts and taxpayers have designed, interpreted, and pursued energy development. Taxpayers and the government have had to deal with the high risk and significant costs associated with oil and gas development, all within the context of oil and gas production being a core

national security priority through the years. The unconventional revolution combined with continued significant conventional development has caused a renewed interest in these matters. Taxation is always crucial in judging the economics of oil and gas development, so this casebook should prove timely as taxpayers and financial advisors renew their interest — or immerse themselves for the first time — in these concepts and principles. A particular challenge is application of conventional rules to unconventional production processes, which is highlighted and explored in this timely casebook. The aim of Chapter 1 is to provide an overview of the history of oil and gas development in the United States, as well as to introduce basic federal income tax concepts. This knowledge will facilitate the in-depth study of U.S federal oil and gas taxation in Chapters 2-11. Professors and students will

benefit from: Discussion of historic oil and gas industry and general federal income tax issues Discussion of oil and gas tax principles, provisions and policies, highlighting unique aspects of the law Text that fits unconventional development into the conventional tax rules developed over the years Practitioners will benefit from: Refresh of oil and gas tax issues contained in a casebook dedicated entirely to oil and gas tax matters Comparison and contrast of unconventional and conventional principles, policies and tax rules

Understanding Computers: Today and Tomorrow, Comprehensive - Deborah Morley 2014-01-31

Understanding Computers: Today and Tomorrow gives your students a classic introduction to computer concepts with a modern twist! Known for its emphasis on industry insight and societal issues, this text makes concepts relevant to today's

career-focused students and has increased emphasis on mobile computing and related issues such as mobile commerce and mobile security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Computer Networking: A Top-Down Approach Featuring the Internet, 3/e - James F. Kurose 2005

The Ruby Way - Hal Fulton 2015-02-11
For more than a decade, Ruby developers have turned to The Ruby Way for reliable “how-to” guidance on effective Ruby programming. Now, Hal Fulton and André Arko have thoroughly updated this classic guide to cover new language enhancements and developers’ experiences through Ruby 2.1. The new edition illuminates Ruby 2.1 through 400+ examples, each answering the question: “How do I do this in Ruby?”

For each example, they present both a task description and realistic technical constraints. Next, they walk step-by-step through presenting one good solution, offering detailed explanations to promote deeper understanding. Conveniently organized by topic, *The Ruby Way*, Third Edition makes it easier than ever to find the specific solution you want—and to write better code by reflecting Ruby’s unique philosophy and spirit. Coverage includes Ruby 2.1 overview: terminology, philosophy, and basic principles Best practices for strings and regular expressions Efficiently internationalizing your code Performing calculations (including trigonometry, calculus, statistics, and time/date calculations) Working with “Rubyesque” objects such as symbols and ranges Using arrays, hashes, stacks, queues, trees, graphs, and other data structures Efficiently storing data with

YAML, JSON, and SQLite3 Leveraging object-oriented and dynamic features, from multiple constructors to program inspection Building GUIs with Shoes 4, Ruby/Tk, Ruby/GTK3, QtRuby, and other toolkits Improving thread performance by understanding Ruby’s synchronization methods and avoiding its pitfalls Automating system administration with Ruby Data formats: JSON, XML, RSS, Atom, RMagick, PDF, and more Testing and debugging with RSpec, Minitest, Cucumber, byebug, and pry Measuring Ruby program performance Packaging and distributing code, and managing dependencies with Bundler Network programming: clients, time servers, POP, SMTP, IMAP, Open-URI Web applications: HTTP servers, Rails, Sinatra, HTML generation, and more Writing distributed Ruby software with drb Choosing modern development tools that maximize your

productivity All source code for this book may be downloaded at www.rubyhacker.com. informit.com/aw informit.com/ruby rubyhacker.com/therubyway therubyway.io

Clinical Skills for Paramedic Practice

ANZ 1e - Dianne Inglis 2020-10-30

Written by Dianne Inglis and Jeffrey Kenneally, the workbook includes more than 70 paramedic-focused clinical skills that link underpinning theory and knowledge with expectations for contemporary clinical practice. To ensure the skills are performed correctly and to standard, the resource is further strengthened with a ready-made assessment tool, ideal for both self-directed learning and instructor use. The text is designed for practising skill development, and preparation for assessment and clinical placement. Clinical Skills for Paramedic Practice 1e includes two key components:

practical skill instruction and the Objective Structured Clinical Examination (OSCE) assessment checklist. The skills sections contain clear step-by-step written and photographic instruction in basic to advanced clinical skills, with rationales provided to enhance knowledge acquisition and clinical decision-making. The OSCE checklists allow students and instructors to easily track and assess progress in skill development. Step-by-step skill instruction combined with an OSCE assessment checklist Structured reflection and end-of-chapter questions to assist with deeper understanding of key concepts and application to practice Designed specifically for use by Australian and New Zealand paramedics An eBook and downloadable skill and assessment sheets are included with purchase of the print book Additional resources on Evolve: • An eBook on VitalSource Student and Instructor

Resources on Evolve: Clinical skill work instructions Formative Clinical Skill Assessment (F-CSAT) Summative Clinical Skill Assessment (S-CSAT) Performance Improvement Plan (PIP) Formative Clinical Skill Assessment (F-CSAT) key Direct Observation of Procedural Skills (DOPS) Passive and Active Measurement - David Choffnes 2019-03-12

This book constitutes the proceedings of the 20th International Conference on Passive and Active Measurement, PAM 2019, held in Puerto Varas, Chile, in March 2019. The 20 full papers presented were carefully reviewed and selected from 75 submissions. The papers cover a wide range of important networking measurement and analysis topics from low layers of the network stack up to applications, using measurements at scales large and small, and covering important aspects of the network ecosystem such as routing, DNS,

privacy, security, and performance. They are organized in the following topical sections: mobile networks; measurement at Internet scale; measurement at other scales; domain names; failures; security and privacy; and Web.

American Practical Navigator - Nathaniel Bowditch 1931

Bores and Keyways for Flexible Couplings (inch Series). - American National Standards Institute 1995

More Best Practices for Rotating Equipment - Michael S. Forsthoffer 2017-02-06

More Best Practices for Rotating Equipment follows Forsthoffer's multi-volume Rotating Equipment Handbooks, addressing the latest best practices in industrial rotating machinery and also including a comprehensive treatment of the

basics for reference. The author's famous troubleshooting approach teaches the reader proven methodologies for installation, operation, and maintenance of equipment, and covers all phases of work with rotating equipment. Reliability optimization is also addressed for the first time. The book is ideal for engineers working in the design, installation, operation, and maintenance of power machinery. It is also an essential source of information for postgraduate students and researchers of mechanical and industrial engineering. Presents 200 new best practices for rotating equipment Offers an easy-to-use reference, with each chapter addressing a different type of equipment Covers all phases of work with rotating equipment, from pre-commissioning through maintenance

Twenty Lectures on Algorithmic Game Theory - Tim Roughgarden 2016-08-30

Computer science and economics have engaged in a lively interaction over the past fifteen years, resulting in the new field of algorithmic game theory. Many problems that are central to modern computer science, ranging from resource allocation in large networks to online advertising, involve interactions between multiple self-interested parties. Economics and game theory offer a host of useful models and definitions to reason about such problems. The flow of ideas also travels in the other direction, and concepts from computer science are increasingly important in economics. This book grew out of the author's Stanford University course on algorithmic game theory, and aims to give students and other newcomers a quick and accessible introduction to many of the most important concepts in the field. The book also includes case studies on online advertising, wireless spectrum auctions,

kidney exchange, and network management.

Full-Stack React Projects - Shama Hoque
2020-04-17

This book is an updated and improved project-based guide to help you extend the capabilities of React into building full-stack projects by exploring the industry-tested MERN stack. Starting from the set up for your full-stack apps, you will learn to create the front end, back end, and everything in between by building fun and engaging projects.

Windows Developer's Journal - 1999

Head First Java - Kathy Sierra 2005-02-09

Learning a complex new language is no easy task especially when it's an object-oriented computer programming language like Java. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to

take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? It's like the creators of the Head First approach say, suppose you're out for a hike and a tiger jumps in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful

appearance, Head First Java is serious stuff: a complete introduction to object-oriented programming and Java. You'll learn everything from the fundamentals to advanced topics, including threads, network sockets, and distributed programming with RMI. And the new, second edition focuses on Java 5.0, the latest version of the Java language and development platform. Because Java 5.0 is a major update to the platform, with deep, code-level changes, even more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First Java compresses the time it

takes to learn and retain--complex information. Its unique approach not only shows you what you need to know about Java syntax, it teaches you to think like a Java programmer. If you want to be bored, buy some other book. But if you want to understand Java, this book's for you.

Smart Card Research and Advanced Applications - Pierre-Yvan Liardet

2021-01-28

This book constitutes the proceedings of the 19th International Conference on Smart Card Research and Advanced Applications, CARDIS 2020, which took place during November 18-20, 2020. The conference was originally planned to take place in Lübeck, Germany, and changed to an online format due to the COVID-19 pandemic. The 12 full papers presented in this volume were carefully reviewed and selected from 26 submissions. They were organized in topical sections named: post-quantum

cryptography; efficient implementations; and physical attacks.

COBOL and Visual Basic on .NET - Chris L. Richardson 2003-04-15

This is a comprehensive .NET-retraining guide written for the COBOL/CICS mainframe programmer from the perspective of a former COBOL/CICS programmer.

Sovereignty, Technology and Governance after COVID-19 - Francisco de Abreu Duarte 2022-09-22

This book imagines how Europe might re-organise and re-group after the COVID-19 crisis by assessing its effectiveness when responding to it. For this purpose, it directs its focus on: i) sovereignty challenges; ii) technological challenges and iii) governance challenges. These three challenges do not present hermetic legal problems, they intersect and connect on many levels. The book shows this by

examining the relationship between public and private power, and illustrating how the rise of technocratic authority is deeply connected to the choice of technological solutions. It illustrates how constitutional decisions taken during states of emergency give rise to private governance challenges related to cybersecurity and data protection. Experts from the fields of EU governance, data protection, and technology explore these questions to provide answers to how the EU might develop in the future.

Mastering Enterprise JavaBeans - Ed Roman 2004-12-22

Includes more than 30 percent revised material and five new chapters, covering the new 2.1 features such as EJB Timer Service and JMS as well as the latest open source Java solutions The book was developed as part of TheServerSide.com online EJB community, ensuring a built-in

audience Demonstrates how to build an EJB system, program with EJB, adopt best practices, and harness advanced EJB concepts and techniques, including transactions, persistence, clustering, integration, and performance optimization Offers practical guidance on when not to use EJB and how to use simpler, less costly open source technologies in place of or in conjunction with EJB

Customary International Humanitarian Law - Jean-Marie Henckaerts 2005-03-03
Customary International Humanitarian Law, Volume I: Rules is a comprehensive analysis of the customary rules of international humanitarian law applicable in international and non-international armed conflicts. In the absence of ratifications of important treaties in this area, this is clearly a publication of major importance, carried out at the express request of the international community. In

so doing, this study identifies the common core of international humanitarian law binding on all parties to all armed conflicts.
Comment Don:RWI.

Python Programming On Win32 - Mark Hammond 2000

A demonstration of Python's basic technologies showcases the programming language's possibilities as a Windows development and administration tool.

American Petroleum Industry - American Petroleum Institute 1936

Compressor Technology Advances - Hurler Elliott 2021-02-22

This book describes fresh approaches to compression technology. The authors describe in detail where, why, and how these can be of value to process plants. As such plants have become ever larger and more complex, more technology-intensive solutions have had to be developed for

process machinery. The best practices that have emerged to address these requirements are assembled in this book. *Production Course for Hiring on Offshore Oil and Gas Rigs* - Petrogav International This course provides a non-technical overview of the phases, operations and terminology used on offshore oil and gas rigs. It is intended also for non-production personnel who work in the offshore drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling operations is required. This course will provide participants a better understanding of the issues faced in all aspects of production operations, with a particular focus on the unique aspects of offshore operations.

Fighting Newfoundlander - Gerald W.L.

Nicholson 2006-10-10

The Fighting Newfoundlander is a vivid history of the Royal Newfoundland Regiment - the "Blue Puttees" - and its heroic contributions to the war effort. Gerald Nicholson details the harrowing experiences of the Newfoundland Regiment (the only Canadian unit) at Gallipoli and later at Beaumont Hamel where 710 of the 801 officers and men who took part in the assault were casualties. He also follows them to the Third Battle of Ypres and Cambrai, for which they were granted the title "Royal" - the only army unit to receive such a distinction during World War I.

Of the Nature of Things - T. Lucretius Carus 2022-09-15

"Of the Nature of Things" is a first-century BCE didactic poem by the Roman poet and philosopher Lucretius to explain Epicurean philosophy to a Roman audience. In this work, T. Lucretius Carus presents the view

that the world can be described by the function of material forces and natural laws. So, one should not fear the gods or death.

Rules of Thumb for Mechanical

Engineers - J. Edward Pope 1997

Fluids -- Heat transfer -- Thermodynamics --
Mechanical seals -- Pumps and compressors --
Drivers -- Gears -- Bearings -- Piping and
pressure vessels -- Tribology -- Vibration --
Materials -- Stress and strain -- Fatigue --
Instrumentation -- Engineering economics.

Cultures of Oral Health - Claire L. Jones

2022-07-22

Oral health is integral to well-being and quality of life. This important edited volume brings together leading scholars to address global oral health and the multiple ways in which theory, practice and discourse have shaped it in the modern period. Structured around key themes, the book chapters draw on interdisciplinary perspectives in order to

consider the role of the dental profession, the commercial sector, charities, the state, the media and patients in shaping oral health in the past and present. Collectively, the chapters consider the extent to which each of the studied groups and actors have sought to own and control the mouth. By adopting multiple perspectives, the book highlights the importance of cross-disciplinary work across the sciences, social sciences and humanities and provides a road map for a new interdisciplinary field focused on oral health and society. Drawing on perspectives from dentistry, sociology, history and the wider humanities, this book will interest students and researchers of dentistry, public health, sociology of health and illness, the medical humanities and history.

Web Metrics for Library and

Information Professionals - David Stuart

2014-01-02

A practical guide to using web metrics to measure impact and demonstrate value. The web provides an opportunity to collect a host of different metrics, from those associated with social media accounts and websites to more traditional research outputs. This book is a clear guide for library and information professionals as to what web metrics are available and how to assess and use them to make informed decisions and demonstrate value. As individuals and organizations increasingly use the web in addition to traditional publishing avenues and formats, this book provides the tools to unlock web metrics and evaluate the impact of this content. Key topics covered include: • Introduction to web metrics • Bibliometrics, webometrics and web metrics • Data collection tools • Evaluating impact on the web • Evaluating social media impact • Investigating relationships between actors • Exploring

traditional publications in a new environment • Web metrics and the web of data • The future of web metrics and the library and information professional. Readership: This book will provide a practical introduction to web metrics for a wide range of library and information professionals, from the bibliometrician wanting to demonstrate the wider impact of a researcher's work than can be demonstrated through traditional citations databases, to the reference librarian wanting to measure how successfully they are engaging with their users on Twitter. It will be a valuable tool for anyone who wants to not only understand the impact of content, but demonstrate this impact to others within the organization and beyond.

Computational Science and Its Applications - ICCSA 2010 - David Taniar
2010-04-03

These multiple volumes (LNCS volumes

6016, 6017, 6018 and 6019) consist of the peer-reviewed papers from the 2010 International Conference on Computational Science and Its Applications (ICCSA2010) held in Fukuoka, Japan during March 23–26, 2010. ICCSA 2010 was a successful event in the International Conferences on Computational Science and Its Applications (ICCSA) conference series, previously held in Suwon, South Korea (2009), Perugia, Italy (2008), Kuala Lumpur, Malaysia (2007), Glasgow, UK (2006), Singapore (2005), Assisi, Italy (2004), Montreal, Canada (2003), and (as ICCS) Amsterdam, The Netherlands (2002) and San Francisco, USA (2001). Computational science is a main pillar of most of the present research, industrial and commercial activities and plays a unique role in exploiting innovative technologies. The ICCSA conference series has been providing a venue to researchers and industry

practitioners to discuss new ideas, to share complex problems and their solutions, and to shape new trends in computational science. ICCSA 2010 was celebrated at the host university, Kyushu Sangyo University, Fukuoka, Japan, as part of the university's 50th anniversary. We would like to thank Kyushu Sangyo University for hosting ICCSA this year, and for including this international event in their celebrations. Also for the first time this year, ICCSA organized poster sessions that present ongoing projects on various aspects of computational sciences.

A Synopsis of Elementary Results in Pure and Applied Mathematics - George Shoobridge Carr 1880

Gas Turbine Engineering Handbook - Meherwan P. Boyce 2017-09-01

The Gas Turbine Engineering Handbook has been the standard for engineers

involved in the design, selection, and operation of gas turbines. This revision includes new case histories, the latest techniques, and new designs to comply with recently passed legislation. By keeping the book up to date with new, emerging topics, Boyce ensures that this book will remain the standard and most widely used book in this field. The new Third Edition of the Gas Turbine Engineering Hand Book updates the book to cover the new generation of Advanced gas Turbines. It examines the benefit and some of the major problems that have been encountered by these new turbines. The book keeps abreast of the environmental changes and the industries answer to these new regulations. A new chapter on case histories has been added to enable the engineer in the field to keep abreast of problems that are being encountered and the solutions that have resulted in solving them. Comprehensive

treatment of Gas Turbines from Design to Operation and Maintenance. In depth treatment of Compressors with emphasis on surge, rotating stall, and choke; Combustors with emphasis on Dry Low NOx Combustors; and Turbines with emphasis on Metallurgy and new cooling schemes. An excellent introductory book for the student and field engineers A special maintenance section dealing with the advanced gas turbines, and special diagnostic charts have been provided that will enable the reader to troubleshoot problems he encounters in the field The third edition consists of many Case Histories of Gas Turbine problems. This should enable the field engineer to avoid some of these same generic problems

The Legality and Accountability of Autonomous Weapon Systems - Afonso Seixas-Nunes 2022-05-19

A comprehensive definition of autonomous weapons systems and their operation and

what happens when they cause violations of international law.

International Agreements between Non-State Actors as a Source of International Law - Melissa Loja 2022-09-22

This book examines whether international agreements between non-state actors can be identified as a source of international law using objective criteria. It asks whether, beyond Article 38 of the Statute of the International Court of Justice, there is a system of rules, processes, beliefs or semantics by which these agreements can be objectively identified as a source of international law. Departing from the more usual state-centric analysis, it adopts postmodern legal positivism as its analytical tool. This allows for the reality that international law-making takes place in subjective social landscapes. To test the effectiveness of this approach, it is applied to agreements between petroleum agencies

and corporations which allow two or more states to exploit disputed resources across boundaries looking in particular at arrangements involving China, Vietnam and the Philippines. By so doing it illustrates an alternative way that states can manage disputes, without having to resort to conflict. It will appeal to both scholars and practitioners of public international law, as well as civil servants.

PDF Forms Using Acrobat and LiveCycle Designer Bible - Ted Padova 2009-04-08

This comprehensive guide to creating fillable forms with the latest release of Adobe Acrobat is packed with real-world insights and techniques gained from daily use of Adobe Acrobat and Adobe LiveCycle Designer under business deadline situations. You'll get step-by-step instructions that show you how to easily create and implement interactive PDF

forms using both Adobe Acrobat and Adobe LiveCycle Designer. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Intelligent Communication, Control and Devices - Rajesh Singh 2018-04-10
The book focuses on the integration of intelligent communication systems, control systems, and devices related to all aspects of engineering and sciences. It contains high-quality research papers presented at the 2nd international conference, ICICCD 2017, organized by the Department of Electronics, Instrumentation and Control Engineering of University of Petroleum and Energy Studies, Dehradun on 15 and 16 April, 2017. The volume broadly covers recent advances of intelligent communication, intelligent control and intelligent devices. The work presented in this book is original research work, findings and practical development experiences of

researchers, academicians, scientists and industrial practitioners.

Big Data Analytics in Astronomy, Science, and Engineering - Shelly Sachdeva 2023-03-18

This book constitutes the proceedings of the 10th International Conference on Big Data Analytics, BDA 2022, which took place in a hybrid mode during December 2022 in Aizu, Japan. The 14 full papers included in this volume were carefully reviewed and selected from 70 submissions. They were organized in topical sections as follows: big data analytics, networking, social media, search, information extraction, image processing and analysis, spatial, text, mobile and graph data analysis, machine learning, and healthcare.

The Fracking Debate - Jonathan M. Fisk 2017-08-07

The disputes around fracking, and oil and gas policy, follow a long tradition of

complicated intergovernmental relationships. Proponents argue that fracking supports new and well-paying jobs, revitalizes state and local economies, and that it can help replace reliance on other fossil fuels. Skeptics and opponents contend that oil and gas production via fracking contaminates air and water resources, causes earthquakes, and can ruin the character of many communities. Examining the intergovernmental politics of the first oil and natural gas boom of the 21st century, *The Fracking Debate, Second edition* offers a holistic understanding of the politics that characterize oil and natural gas operations, including why local governments are challenging their state's preemptive authority, in order to initiate a larger conversation about improving intergovernmental relationships. Author Jonathan Fisk presents a novel argument about the ways in which local, state,

regional, and national approaches to governance of shale gas development can work together to reduce conflict and forward the interests of the communities exposed to development, asking important questions such as: What state structures govern state-local relations? What state institutions impact and shape oil and gas production? What is the policymaking context in the state? What are the costs and benefits of hydraulic fracturing at the national, state, and local levels? How are risks and rewards distributed within states? What local policies have challenged the state, and why would local communities challenge the state? The result is a book that demonstrates that when stakeholders acknowledge their interdependencies and one another's expertise, they create, design, and implement more responsive, strategic, and targeted public policies. *The Fracking Debate, Second edition* will be

required reading for courses on oil and gas policy in the United States, environmental politics, and domestic energy politics, as well as a vital reference for practitioners and policymakers working in these fields.

API Design for C++ - Martin Reddy

2011-03-14

API Design for C++ provides a comprehensive discussion of Application Programming Interface (API) development, from initial design through implementation, testing, documentation, release, versioning, maintenance, and deprecation. It is the only book that teaches the strategies of C++ API development, including interface design, versioning, scripting, and plug-in extensibility. Drawing from the author's experience on large scale, collaborative software projects, the text offers practical techniques of API design that produce robust code for the long term. It presents patterns and practices that provide real

value to individual developers as well as organizations. API Design for C++ explores often overlooked issues, both technical and non-technical, contributing to successful design decisions that produce high quality, robust, and long-lived APIs. It focuses on various API styles and patterns that will allow you to produce elegant and durable libraries. A discussion on testing strategies concentrates on automated API testing techniques rather than attempting to include end-user application testing techniques such as GUI testing, system testing, or manual testing. Each concept is illustrated with extensive C++ code examples, and fully functional examples and working source code for experimentation are available online. This book will be helpful to new programmers who understand the fundamentals of C++ and who want to advance their design skills, as well as to senior engineers and software

architects seeking to gain new expertise to complement their existing talents. Three specific groups of readers are targeted: practicing software engineers and architects, technical managers, and students and educators. The only book that teaches the strategies of C++ API development, including design, versioning, documentation, testing, scripting, and extensibility. Extensive code examples illustrate each concept, with fully functional examples and working source code for experimentation available online. Covers various API styles and patterns with a focus on practical and efficient designs for large-scale long-term projects.

Interim Measures in International Commercial Arbitration - Ajar Rab

2022-08-09

Interim measures by courts as well as tribunals are often critical to succeed in arbitration proceedings and to effectively

safeguard the rights of parties pending the final adjudication of their dispute. This important book comprises a comprehensive review of interim measures in international commercial arbitration granted by courts and tribunals across jurisdictions that have adopted the UNCITRAL Model Law to critically assess the practical fault lines in the Indian arbitration regime. The book provides an in-depth analysis of the following: all reported judgments of the Indian Supreme Court and the High Courts from 1993 to 2022 on issues concerning interim measures; practical application of the UNCITRAL Model Law (and the revisions in 2006) by national arbitration statutes of over 80 jurisdictions with respect to interim measures; comparative practice and jurisprudence on interim measures in international commercial arbitration; rules of major arbitral institutions on the power and scope of

interim measures granted by tribunals; detailed analysis of different types of interim measures, including anti-suit, anti-arbitration injunctions, security for costs, and interim measures in aid of foreign-seated arbitrations, the standards to be applied, and the burden of proof to be demonstrated for each type of measure; and issues of enforcement of interim measures in domestic, international, and foreign seated arbitrations. The current position of law in India and the problems plaguing the country's Arbitration and Conciliation Act 1996 (IAA), as amended in 2015 with respect to interim measures, are brought into direct comparison with other Model Law jurisdictions, offering an analysis of case laws, practical insights and cogent suggestions based on best practices that can be adopted by parties and tribunals. The Appendices provide a

detailed list of statutory provisions of countries that have adopted the Model Law along with rules of major arbitral institutions on interim measures. The author not only describes the current position of law in India and other Model Law jurisdictions on interim measures but also reveals a comprehensive understanding of the requests for interim measures, and their enforcement in domestic, international, and foreign seated arbitrations. This book engages in a comprehensive and clear discussion on the fine line between court assistance and court intervention, especially in the case of interim measures and suggests draft provisions that India and other jurisdictions can adopt in order to align with the 2006 revisions to the Model Law to foster certainty, predictability, and efficiency in case of interim measures in international commercial arbitration.