

By Jonathan Levin Mac Os X And Ios Internals To The Apples Core Volume 1 User Mo 2nd Edition 2015 07 22 Paperback

An accessible and rigorous textbook for introducing undergraduates to computer science theory *What Can Be Computed?* is a uniquely accessible yet rigorous introduction to the most profound ideas at the heart of computer science. Crafted specifically for undergraduates who are studying the subject for the first time, and requiring minimal prerequisites, the book focuses on the essential fundamentals of computer science theory and features a practical approach that uses real computer programs (Python and Java) and encourages active experimentation. It is also ideal for self-study and reference. The book covers the standard topics in the theory of computation, including Turing machines and finite automata, universal computation, nondeterminism, Turing and Karp reductions, undecidability, time-complexity classes such as P and NP, and NP-completeness, including the Cook-Levin Theorem. But the book also provides a broader view of computer science and its historical development, with discussions of Turing's original 1936 computing machines, the connections between undecidability and Gödel's incompleteness theorem, and Karp's famous set of twenty-one NP-complete problems. Throughout, the book recasts traditional computer science concepts by considering how computer programs are used to solve real problems. Standard theorems are stated and proven with full mathematical rigor, but motivation and understanding are enhanced by considering concrete implementations. The book's examples and other content allow readers to view demonstrations of—and to experiment with—a wide selection of the topics it covers. The result is an ideal text for an introduction to the theory of computation. An accessible and rigorous introduction to the essential fundamentals of computer science theory, written specifically for undergraduates taking introduction to the theory of computation Features a practical, interactive approach using real computer programs (Python in the text, with forthcoming Java alternatives online) to enhance motivation and understanding Gives equal emphasis to computability and complexity Includes special topics that demonstrate the profound nature of key ideas in the theory of computation Lecture slides and Python programs are available at whatcanbecomputed.com

#1 NEW YORK TIMES BESTSELLER • ONE OF TIME MAGAZINE'S 100 BEST YA BOOKS OF ALL TIME The extraordinary, beloved novel about the ability of books to feed the soul even in the darkest of times. When Death has a story to tell, you listen. It is 1939. Nazi Germany. The country is holding its breath. Death has never been busier, and will become busier still. Liesel Meminger is a foster girl living outside of Munich, who scratches out a meager existence for herself by stealing when she encounters something she can't resist—books. With the help of her accordion-playing foster father, she learns to read and shares her stolen books with her neighbors during bombing raids as well as with the Jewish man hidden in her basement. In superbly crafted writing that burns with intensity, award-winning author Markus Zusak, author of *I Am the Messenger*, has given us one of the most enduring stories of our time. "The kind of book that can be life-changing." —The New York Times "Deserves a place on the same shelf with *The Diary of a Young Girl* by Anne Frank." —USA Today **DON'T MISS BRIDGE OF CLAY, MARKUS ZUSAK'S FIRST NOVEL SINCE THE BOOK THIEF.**

An assessment of the sixth American president's international life and complicated marriage considers his talents as a linguist and diplomat, citing his achievements during the American Revolution, the War of 1812 and the Napoleonic Age. Greatly expanded and updated from Jonathan Levin's original *Mac OS X and iOS Internals: To the Apple's Core*, this new edition is now two volumes with Volume 1 an expanded treatment of User Mode and Volume 2 The Kernel. In Volume 1, User Mode, Levin details Mac OS X and iOS for power users beyond where the documentation leaves off. It covers: The Architecture of OS X and iOS including The User Experience Layer, Filesystems, Frameworks, and libraries OS X and iOS Technologies and in particular, the parts that are built on BSD Executables and binaries Process and Thread Internals including updates to 64-bit IPC in OS X and iOS with explanations of Unix, Mach, and XPC Details on the Objective-C and new Swift runtime environments Process Tracing and Debugging with DTrace and KDebug Boot, Panic, and Shutdown Launchd and the GUI Shells All new coverage of iCloud and networking protocols All new coverage of OS X and iOS Security Along with Volume 2 The Kernel, this is the definitive documentation of the inner workings of Apple operating systems for system-level developers, kernel hackers, and power users.

A comprehensive guide to the threats facing Apple computers and the foundational knowledge needed to become a proficient Mac malware analyst. Defenders must fully understand how malicious software works if they hope to stay ahead of the increasingly sophisticated threats facing Apple products today. *The Art of Mac Malware: The Guide to Analyzing Malicious Software* is a comprehensive handbook to cracking open these malicious programs and seeing what's inside. Discover the secrets of nation state backdoors, destructive ransomware, and subversive cryptocurrency miners as you uncover their infection methods, persistence strategies, and insidious capabilities. Then work with and extend foundational reverse-engineering tools to extract and decrypt embedded strings, unpack protected Mach-O malware, and even reconstruct binary code. Next, using a debugger, you'll execute the malware, instruction by instruction, to discover exactly how it operates. In the book's final section, you'll put these lessons into practice by analyzing a complex Mac malware specimen on your own. You'll learn to:

- Recognize common infections vectors, persistence mechanisms, and payloads leveraged by Mac malware
- Triage unknown samples in order to quickly classify them as benign or malicious
- Work with static analysis tools, including disassemblers, in order to study malicious scripts and compiled binaries
- Leverage dynamical analysis tools, such as monitoring tools and debuggers, to gain further insight into sophisticated threats
- Quickly identify and bypass anti-analysis techniques aimed at thwarting your analysis attempts

A former NSA hacker and current leader in the field of macOS threat analysis, Patrick Wardle uses real-world examples pulled from his original research. *The Art of Mac Malware: The Guide to Analyzing Malicious Software* is the

definitive resource to battling these ever more prevalent and insidious Apple-focused threats.

A GOOD MORNING AMERICA BOOK CLUB PICK “Chandler Baker, queen of the feminist thriller, has delivered once again! *The Husbands* is a poignant exploration of what it would take for women to have it all.” —Sally Hepworth, bestselling author of *The Good Sister* To what lengths will a woman go for a little more help from her husband? Nora Spangler is a successful attorney but when it comes to domestic life, she packs the lunches, schedules the doctor appointments, knows where the extra paper towel rolls are, and designs and orders the holiday cards. Her husband works hard, too... but why does it seem like she is always working so much harder? When the Spanglers go house hunting in Dynasty Ranch, an exclusive suburban neighborhood, Nora meets a group of high-powered women—a tech CEO, a neurosurgeon, an award-winning therapist, a bestselling author—with enviably supportive husbands. When she agrees to help with a resident’s wrongful death case, she is pulled into the lives of the women there. She finds the air is different in Dynasty Ranch. The women aren’t hanging on by a thread. But as the case unravels, Nora uncovers a plot that may explain the secret to having-it-all. One that’s worth killing for. Calling to mind a *Stepford Wives* gender-swap, New York Times bestselling author of *Whisper Network* Chandler Baker’s *The Husbands* imagines a world where the burden of the “second shift” is equally shared—and what it may take to get there. “Utterly engrossing and thoroughly timely, *The Husbands* is both a gripping, well-crafted mystery and an insightful critique of motherhood and marriage in the modern age—working mothers everywhere will feel seen in the best possible way.” —Kimberly McCreight, New York Times bestselling author of *A Good Marriage*

OS X and iOS Kernel Programming combines essential operating system and kernel architecture knowledge with a highly practical approach that will help you write effective kernel-level code. You’ll learn fundamental concepts such as memory management and thread synchronization, as well as the I/O Kit framework. You’ll also learn how to write your own kernel-level extensions, such as device drivers for USB and Thunderbolt devices, including networking, storage and audio drivers. OS X and iOS Kernel Programming provides an incisive and complete introduction to the XNU kernel, which runs iPhones, iPads, iPods, and Mac OS X servers and clients. Then, you’ll expand your horizons to examine Mac OS X and iOS system architecture. Understanding Apple’s operating systems will allow you to write efficient device drivers, such as those covered in the book, using I/O Kit. With OS X and iOS Kernel Programming, you’ll: Discover classical kernel architecture topics such as memory management and thread synchronization Become well-versed in the intricacies of the kernel development process by applying kernel debugging and profiling tools Learn how to deploy your kernel-level projects and how to successfully package them Write code that interacts with hardware devices Examine easy to understand example code that can also be used in your own projects Create network filters Whether you’re a hobbyist, student, or professional engineer, turn to OS X and iOS Kernel Programming and find the knowledge you need to start developing

Understanding Community Colleges provides a comprehensive review of the community college landscape—management and governance, finance, student demographics and development, teaching and learning, policy, faculty, and workforce development—and bridges the gap between research and practice. This contributed volume brings together highly respected scholars in the field who rely upon substantial theoretical perspectives—critical theory, social theory, institutional theory, and organizational theory—for a rich and expansive analysis of community colleges. The latest text to publish in the Core Concepts in Higher Education series, this exciting new text fills a gap in the higher education literature available for students enrolled in Higher Education and Community College graduate programs. This text provides students with: A review of salient research related to the community college field. Critical theoretical perspectives underlying current policies. An understanding of how theory links to practice, including focused end-of-chapter discussion questions. A fresh examination of emerging issues and insight into contemporary community college practices and policy. The sequel to the New York Times bestseller *Rosemary’s Baby*: a thrilling, cautionary tale of the troubling forces that war within each of us. The modern master of suspense Ira Levin returns to the horror of his 1967 ground-breaking novel *Rosemary’s Baby* with this darkly comic sequel set at the dawn of the millennium. Thirty-three years ago, Rosemary gave birth to the Devil’s child while under the control of a satanic cult of witches. Now the year is 1999, and humanity dreads the approaching twenty-first century, desperately in search of a savior for this troubled world. In New York City, Rosemary’s son Andy is believed to be that savior. But is he the force of good his followers accept him to be? Or is he his father’s son? Rosemary and Andy will be reunited in a battle of wills that shall decide the fate of humanity—and keep readers on the edge of the seats until the final page.

John Stuart Mill’s best-known work is *On Liberty* (1859). In it he declared that Western society was in danger of coming to a standstill. To understand how Mill came to this conclusion requires one to investigate his notion of the stages from barbarism to civilisation, and also his belief in imperialism as part of the civilising process. This study encompasses discourses on the blessings, curses and dangers of modernisation from approximately the time of the American and French revolutions to that of the so-called mid-Victorian calm in which *On Liberty* was written. Current political issues concerning the West and Islamic countries have heightened interest in just the kind of question that this book discusses: that of how the West relates to, and assesses, the rest of the world.

An in-depth look into Mac OS X and iOS kernels Powering Macs, iPhones, iPads and more, OS X and iOS are becoming ubiquitous. When it comes to documentation, however, much of them are shrouded in mystery. Cocoa and Carbon, the application frameworks, are neatly described, but system programmers find the rest lacking. This indispensable guide illuminates the darkest corners of those systems, starting with an architectural overview, then drilling all the way to the core. Provides you with a top down view of OS X and iOS Walks you through the phases of system startup—both Mac (EFi) and mobile (iBoot) Explains how processes, threads, virtual memory, and filesystems are maintained Covers the security architecture Reviews the internal APIs used by the system—BSD and Mach Dissects the kernel, XNU, into its sub components: Mach, the BSD Layer, and I/O Kit, and explains each in detail Explains the inner workings of device drivers From architecture to implementation, this book is essential reading if you want to get serious about the internal workings of Mac OS X and iOS.

For Introductory Courses in Operating Systems in Computer Science, Computer Engineering, and Electrical Engineering programs. The widely anticipated revision of this worldwide best-seller incorporates the latest developments in operating systems (OS) technologies. The Third Edition includes up-to-date materials on relevant OS such as Linux, Windows, and embedded real-time and multimedia systems. Tanenbaum also provides information on current research based on his experience as an operating systems researcher.

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.

Stories about the holocaust.

Learn to write apps for some of today's hottest technologies, including the iPhone and iPad (using iOS), as well as the Mac (using OS X). It starts with Objective-C, the base language on which the native iOS software development kit (SDK) and the OS X are based. Learn Objective-C on the Mac: For OS X and iOS, Second Edition updates a best selling book and is an extensive, newly updated guide to Objective-C. Objective-C is a powerful, object-oriented extension of C, making this update the perfect follow-up to Dave Mark's bestselling Learn C on the Mac. Whether you're an experienced C programmer or you're coming from a different language such as C++ or Java, leading Mac experts Scott Knaster and Waqar Malik show how to harness the power of Objective-C in your apps! A complete course on the basics of Objective-C using Apple's newest Xcode tools An introduction to object-oriented programming Comprehensive coverage of new topics like blocks, GCD, ARC, class extensions, as well as inheritance, composition, object initialization, categories, protocols, memory management, and organizing source files An introduction to building user interfaces using what is called the UIKit A primer for non-C programmers to get off the ground even faster Rice Cookbook: 50 Delicious of Rice Cookbook (Rice Recipes, Rice Flour Recipes, Rice Recipes Cookbook, Rice Recipes Cookbooks, Rice Recipes Book) Rice is a part of many traditional cuisines. It is used as a main dish as a side dish or as a decoration for food. People knew about rice a long time ago. It has been part of our meals for 5,000 years. The first information about rice was found in China about 2,800 BC. The rise has been a part of Chinese food tradition. Chinese legends provide information that rise is used so much in the Chinese cuisine thanks to the legendary Emperor of China Shennong who was also the inventor of Chinese agriculture. The rise was spread from East Asia to South Asia and after that in Europe. Also, it was introduced to Americans through the European colonization. Rice comes in many shapes, colors and sizes. There are several types of rice known worldwide. - Long Grain Brown Rice - Long grain rice has a long, slender kernel, four to five times longer than its width. Cooked grains are separate, light and fluffy. - Short Grain Brown Rice - Short grain rice has a short, plump, almost, round kernel. Cooked grains are soft and cling together. - Sweet Brown Rice - Sweet rice is short and plump with a chalky white, opaque kernel. When cooked, sweet rice loses its shape and is very sticky. - Brown Basmati Rice - India is well known for its fragrant Basmati rice, another aromatic long grain rice with a distinct popcorn aroma. - Chinese Black Rice - Chinese Black Rice is a medium grain rice with white kernels inside the black bean. Cooked, it takes on a deep publishing color. Rice is definitely the food we should include in our diet. It is full with nutrients. This food is really good for us, because it is very healthy. Rice contains proteins, iron, B vitamins and folic acid. These nutrition give us a lot of energy and that is why we do not need extra snacks. It is also important to know that the brown rice is whole grain and the white is not. Most of us are aware that we do not get as much fiber as we should. That is why rice is a good choice for our next meal. Whole grains are the healthiest option because they retain all the nutrients from the grain and are high in fiber.

Note: This is the 3rd edition. If you need the 2nd edition for a course you are taking, it can be found as a "other format" on amazon, or by searching its isbn: 1534970746 This gentle introduction to discrete mathematics is written for first and second year math majors, especially those who intend to teach. The text began as a set of lecture notes for the discrete mathematics course at the University of Northern Colorado. This course serves both as an introduction to topics in discrete math and as the "introduction to proof" course for math majors. The course is usually taught with a large amount of student inquiry, and this text is written to help facilitate this. Four main topics are covered: counting, sequences, logic, and graph theory. Along the way proofs are introduced, including proofs by contradiction, proofs by induction, and combinatorial proofs. The book contains over 470 exercises, including 275 with solutions and over 100 with hints. There are also Investigate! activities throughout the text to support active, inquiry based learning. While there are many fine discrete math textbooks available, this text has the following advantages: It is written to be used in an inquiry rich course. It is written to be used in a course for future math teachers. It is open source, with low cost print editions and free electronic editions. This third edition brings improved exposition, a new section on trees, and a bunch of new and improved exercises. For a complete list of changes, and to view the free electronic version of the text, visit the book's website at discrete.openmathbooks.org

A masterpiece of spellbinding suspense, where evil wears the most innocent face of all... Rosemary Woodhouse and her struggling actor husband Guy move into the Bramford, an old New York City apartment building with an ominous reputation and mostly elderly residents. Neighbors Roman and Minnie Castavet soon come nosing around to welcome

the Woodhouses to the building, and despite Rosemary's reservations about their eccentricity and the weird noises that she keeps hearing, her husband takes a special shine to them. Shortly after Guy lands a plum Broadway role, Rosemary becomes pregnant, and the Castavets start taking a special interest in her welfare. As the sickened Rosemary becomes increasingly isolated, she begins to suspect that the Castavets' circle is not what it seems...

Discover all the security risks and exploits that can threaten iOS-based mobile devices iOS is Apple's mobile operating system for the iPhone and iPad. With the introduction of iOS5, many security issues have come to light. This book explains and discusses them all. The award-winning author team, experts in Mac and iOS security, examines the vulnerabilities and the internals of iOS to show how attacks can be mitigated. The book explains how the operating system works, its overall security architecture, and the security risks associated with it, as well as exploits, rootkits, and other payloads developed for it. Covers iOS security architecture, vulnerability hunting, exploit writing, and how iOS jailbreaks work Explores iOS enterprise and encryption, code signing and memory protection, sandboxing, iPhone fuzzing, exploitation, ROP payloads, and baseband attacks Also examines kernel debugging and exploitation Companion website includes source code and tools to facilitate your efforts iOS Hacker's Handbook arms you with the tools needed to identify, understand, and foil iOS attacks.

The classic thriller of Dr. Josef Mengele's nightmarish plot to restore the Third Reich. Alive and hiding in South America, the fiendish Nazi Dr. Josef Mengele gathers a group of former colleagues for a horrifying project—the creation of the Fourth Reich. Barry Kohler, a young investigative journalist, gets wind of the project and informs famed Nazi hunter Ezra Lieberman, but before he can relay the evidence, Kohler is killed. Thus Ira Levin opens one of the strangest and most masterful novels of his career. Why has Mengele marked a number of harmless aging men for murder? What is the hidden link that binds them? What interest can they possibly hold for their killers: six former SS men dispatched from South America by the most wanted Nazi still alive, the notorious “Angel of Death”? One man alone must answer these questions and stop the killings—Lieberman, himself aging and thought by some to be losing his grip on reality. At the heart of *The Boys from Brazil* lies a frightening contemporary nightmare, chilling and all too possible.

The most highly-acclaimed jazz theory book ever published! Over 500 pages of comprehensive, but easy to understand text covering every aspect of how jazz is constructed—chord construction, II-V-I progressions, scale theory, chord/scale relationships, the blues, reharmonization, and much more. A required text in universities world-wide, translated into five languages, endorsed by Jamey Aebersold, James Moody, Dave Liebman, etc.

Teenaged Christine Wainwright's parents regard her and her musical ambitions as inconveniences. Christine's earnest, vain elder brother David is the star of the family: an up-and-coming novelist who has married into the richest family in State City, Iowa. The middle child, Melissa, is struggling with her teaching career and a choice between two men: steady, pragmatic Leander Washington and worshipful Connor Lowe. When Christine disappears, suspicion falls on the Wainwrights' scheming neighbor, Andy Palinkas, who loathes Christine's parents. The unfolding mystery exposes the truth behind the Wainwrights' respectable facade: a convoluted saga of unwanted children, disastrous marriages, romantic double-crosses, and domestic plots and counter-plots. Joseph Dobrian's new novel, *Ambitions* (Rex Imperator, 426 pps., trade paperback, \$17.95, ISBN 978-0-9835572-3-4) is a stark, elegantly written family drama set in a Midwestern university town. It's a story of aspiration, adoration, and betrayal that explores some of the ugliest realities of human interactions. At the same time, it conveys a message of hope to readers who strive to realize their own ambitions. REVIEW BY JEFF-CHARIS CARLSON, in the IOWA CITY PRESS-CITIZEN: Like "Anna Karenina," Joseph Dobrian's new novel, "Ambitions," should be required reading in premarital counseling or pre-parenting classes. Like Leo Tolstoy 140 years before him, Dobrian understands intimately the profound truth within the axiom: "Happy families are all alike; every unhappy family is unhappy in its own way." And like the thousand-page Russian masterpiece, Dobrian's 440-page "Ambitions" provides a veritable catalog of various unhappy marriages and parent-child relationships. Unlike Tolstoy's Konstantin Levin, however, Dobrian's authorial stand-in character, Andy Palinkas, isn't working his way through one of the family relationships in question. Instead, as the middle-aged owner of a men's clothing store, he remains an unmarried, well-dressed man who, disappointedly, tends to give off the wrong vibe to the women he finds attractive. Yet Andy's bachelor-status also leaves him free to observe, gossip about and learn from the failings of his coupled and kidded customers, colleagues and fellow citizens. And his mentoring relationship with his neighbors' teenage daughter - whose life he saved when she was a child - provides him with a good deal of behind-the-scenes dirt on the main characters. Throw in Andy's many business contacts and his frequent appearances at various School of Music concerts, and the character soon has all the information he needs to narrate a compelling story, seven years after the fact, from a third-person, limited-omniscient (and highly snarky) perspective. Dobrian's own sepia-tinged narrative style often makes the 2000s setting of the novel feel more like a half-century earlier. And despite the novel's dramatic opening with the disappearance of that teen-age neighbor, "Ambitions" is much more a multi-generational character study than a plot-driven mystery. Set against the backdrop of a thinly fictionalized version of Iowa City - State City, a UNESCO-designated "City of Music" - Dobrian's already on-target psychological insights hit even closer to home. Although there are many times in which both Andy and Dobrian seem to be having almost too much fun at others' expense, Dobrian generally is empathetic with his characters whose mundane lives are drowning in their own ordinariness. As with Dobrian's Writers' Group columns and his earlier essay collection, "Seldom Right But Never in Doubt," there are a few times when you feel like throwing the book across the room - mainly in frustration at the blitheness in which the characters go about ruining their lives. But the novel proves to be surprisingly addictive. (I found it so hard to put down that I made it through 300 pages in the first night and had to go to work bleary-eyed the next day.)"

By the author of *Rosemary's Baby*, a horrifying journey into a future only Ira Levin could imagine. Considered one of the great dystopian novels—alongside Anthony Burgess's *A Clockwork Orange* and Aldous Huxley's *Brave New World*—Ira

Levin's frightening glimpse into the future continues to fascinate readers even forty years after publication. The story is set in a seemingly perfect global society. Uniformity is the defining feature; there is only one language and all ethnic groups have been eugenically merged into one race called "The Family." The world is ruled by a central computer called UniComp that has been programmed to keep every single human on the surface of the earth in check. People are continually drugged by means of regular injections so that they can never realize their potential as human beings, but will remain satisfied and cooperative. They are told where to live, when to eat, whom to marry, when to reproduce. even the basic facts of nature are subject to the UniComp's will—men do not grow facial hair, women do not develop breasts, and it only rains at night. With a vision as frightening as any in the history of the science fiction genre, *This Perfect Day* is one of Ira Levin's most haunting novels.

By the New York Times bestselling author: a provocative account of the attack on the humanities, the rise of intolerance, and the erosion of serious learning America is in crisis, from the university to the workplace. Toxic ideas first spread by higher education have undermined humanistic values, fueled intolerance, and widened divisions in our larger culture. Chaucer, Shakespeare and Milton? Oppressive. American history? Tyranny. Professors correcting grammar and spelling, or employers hiring by merit? Racist and sexist. Students emerge into the working world believing that human beings are defined by their skin color, gender, and sexual preference, and that oppression based on these characteristics is the American experience. Speech that challenges these campus orthodoxies is silenced with brute force. *The Diversity Delusion* argues that the root of this problem is the belief in America's endemic racism and sexism, a belief that has engendered a metastasizing diversity bureaucracy in society and academia. Diversity commissars denounce meritocratic standards as discriminatory, enforce hiring quotas, and teach students and adults alike to think of themselves as perpetual victims. From #MeToo mania that blurs flirtations with criminal acts, to implicit bias and diversity compliance training that sees racism in every interaction, Heather Mac Donald argues that we are creating a nation of narrowed minds, primed for grievance, and that we are putting our competitive edge at risk. But there is hope in the works of authors, composers, and artists who have long inspired the best in us. Compiling the author's decades of research and writing on the subject, *The Diversity Delusion* calls for a return to the classical liberal pursuits of open-minded inquiry and expression, by which everyone can discover a common humanity.

Your ultimate guide to pentesting with Kali Linux Kali is a popular and powerful Linux distribution used by cybersecurity professionals around the world. Penetration testers must master Kali's varied library of tools to be effective at their work. *The Kali Linux Penetration Testing Bible* is the hands-on and methodology guide for pentesting with Kali. You'll discover everything you need to know about the tools and techniques hackers use to gain access to systems like yours so you can erect reliable defenses for your virtual assets. Whether you're new to the field or an established pentester, you'll find what you need in this comprehensive guide. Build a modern dockerized environment Discover the fundamentals of the bash language in Linux Use a variety of effective techniques to find vulnerabilities (OSINT, Network Scan, and more) Analyze your findings and identify false positives and uncover advanced subjects, like buffer overflow, lateral movement, and privilege escalation Apply practical and efficient pentesting workflows Learn about Modern Web Application Security Secure SDLC Automate your penetration testing with Python

Any UNIX programmer using the latest workstations or super minicomputers from vendors such as Sun, Silicon Graphics (SGI), ATandT, Amdahl, IBM, Apple, Compaq, Mentor Graphics, and Thinking Machines needs this book to optimize his/her job performance. This book teaches how these architectures operate using clear, comprehensible examples to explain the concepts, and provides a good reference for people already familiar with the basic concepts.

Dear McSweeney's sifts through twenty-two years of McSweeney's Quarterly Concern's letters to the editor to bring you this collection of short, poignant, and hilarious essays by some of the greatest writers, artists, comedians, and thinkers of the last two decades. McSweeney's letters to the editor have included pieces by Patton Oswalt, Lydia Davis, Alexander Chee, Sarah Vowell, Hanif Abdurraqib, and dozens more, with the very best collected here for the first time in one deluxe paperback edition.

OS X Incident Response: Scripting and Analysis is written for analysts who are looking to expand their understanding of a lesser-known operating system. By mastering the forensic artifacts of OS X, analysts will set themselves apart by acquiring an up-and-coming skillset. Digital forensics is a critical art and science. While forensics is commonly thought of as a function of a legal investigation, the same tactics and techniques used for those investigations are also important in a response to an incident. Digital evidence is not only critical in the course of investigating many crimes but businesses are recognizing the importance of having skilled forensic investigators on staff in the case of policy violations. Perhaps more importantly, though, businesses are seeing enormous impact from malware outbreaks as well as data breaches. The skills of a forensic investigator are critical to determine the source of the attack as well as the impact. While there is a lot of focus on Windows because it is the predominant desktop operating system, there are currently very few resources available for forensic investigators on how to investigate attacks, gather evidence and respond to incidents involving OS X. The number of Macs on enterprise networks is rapidly increasing, especially with the growing prevalence of BYOD, including iPads and iPhones. Author Jaron Bradley covers a wide variety of topics, including both the collection and analysis of the forensic pieces found on the OS. Instead of using expensive commercial tools that clone the hard drive, you will learn how to write your own Python and bash-based response scripts. These scripts and methodologies can be used to collect and analyze volatile data immediately. For online source codes, please visit:

https://github.com/jbradley89/osx_incident_response_scripting_and_analysis Focuses exclusively on OS X attacks, incident response, and forensics Provides the technical details of OS X so you can find artifacts that might be missed using automated tools Describes how to write your own Python and bash-based response scripts, which can be used to collect and analyze volatile data immediately Covers OS X incident response in complete technical detail, including file system, system startup and scheduling, password dumping, memory, volatile data, logs, browser history, and exfiltration

An in-depth exploration of the inner-workings of Android: In Volume I, we take the perspective of the Power User as we delve into the foundations of Android, filesystems, partitions, boot process, native daemons and services.

Explore the internals of Apple's operating system with unprecedented detail. Volume I of the *OS Trilogy covers the user mode realms of Darwin operating systems - MacOS, iOS, TvOS and WatchOS - explaining what happens behind the scenes of processes, memory management, binary formats and more.

"A Family Guide to Childhood Glaucoma and Cataracts" was developed as a tool to aid families in navigating the many questions that arise from the diagnosis and treatment of childhood glaucoma or cataract. Each chapter is presented in a question-and-answer format, with images that make certain concepts and processes easier to understand. In addition to basic information about glaucoma and cataracts, topics addressed include doctor visits, medications, treatment options, eye surgery, contact lenses and glasses, low vision, genetics and heredity,

related conditions, such as amblyopia (lazy eye) and strabismus, social, educational, and other nonmedical concerns, and definitions of common terms used by medical professionals serving patients with glaucoma or cataracts. The PGCFA is a support group for parents and families dedicated to issues related to pediatric glaucoma and cataracts. This organization provides education and support to families of children with these diseases around the world through its membership meetings, website (<http://www.pgcfa.org>), discussion forums, and newsletter."

Mac OS X and iOS InternalsTo the Apple's CoreJohn Wiley & Sons

A chilling psychological thriller that explores the menacing evil behind the glittering facades of Manhattan's skyscrapers. Kay Norris, a successful and lovely book editor, moves into the posh Carnegie Hill district of Manhattan, into an apartment in a slender high-rise. A man watches her. He watches her unpack, watches her make her bed. He owns the building: a shocking secret is concealed within its brick and concrete. Sliver is a sinuous erotic thriller, a hypnotic story of obsession, suspense, and stunning surprises. It is a novel about the ultimate power, and the temptations the use of that power brings.

A Guide to Kernel Exploitation: Attacking the Core discusses the theoretical techniques and approaches needed to develop reliable and effective kernel-level exploits, and applies them to different operating systems, namely, UNIX derivatives, Mac OS X, and Windows. Concepts and tactics are presented categorically so that even when a specifically detailed vulnerability has been patched, the foundational information provided will help hackers in writing a newer, better attack; or help pen testers, auditors, and the like develop a more concrete design and defensive structure. The book is organized into four parts. Part I introduces the kernel and sets out the theoretical basis on which to build the rest of the book. Part II focuses on different operating systems and describes exploits for them that target various bug classes. Part III on remote kernel exploitation analyzes the effects of the remote scenario and presents new techniques to target remote issues. It includes a step-by-step analysis of the development of a reliable, one-shot, remote exploit for a real vulnerability a bug affecting the SCTP subsystem found in the Linux kernel. Finally, Part IV wraps up the analysis on kernel exploitation and looks at what the future may hold. Covers a range of operating system families — UNIX derivatives, Mac OS X, Windows Details common scenarios such as generic memory corruption (stack overflow, heap overflow, etc.) issues, logical bugs and race conditions Delivers the reader from user-land exploitation to the world of kernel-land (OS) exploits/attacks, with a particular focus on the steps that lead to the creation of successful techniques, in order to give to the reader something more than just a set of tricks

"This Beautiful Life is a gripping, potent and blisteringly well-written story of family, dilemma, and consequence. . . . I read this book with white-knuckled urgency, and I finished it in tears. Helen Schulman is an absolutely brilliant novelist."

—Elizabeth Gilbert, author of Eat, Pray, Love The events of a single night shatter one family's sense of security and identity in this provocative and deeply affecting domestic drama from Helen Schulman, the acclaimed author of A Day at the Beach and Out of Time. In the tradition of Lionel Shriver, Sue Miller, and Laura Moriarty, Schulman crafts a brilliantly observed portrait of parenting and modern life, cunningly exploring our most deeply-held convictions and revealing the enduring strengths that emerge in the face of crisis.

FreeBSD—the powerful, flexible, and free Unix-like operating system—is the preferred server for many enterprises. But it can be even trickier to use than either Unix or Linux, and harder still to master. Absolute FreeBSD, 2nd Edition is your complete guide to FreeBSD, written by FreeBSD committer Michael W. Lucas. Lucas considers this completely revised and rewritten second edition of his landmark work to be his best work ever; a true product of his love for FreeBSD and the support of the FreeBSD community. Absolute FreeBSD, 2nd Edition covers installation, networking, security, network services, system performance, kernel tweaking, filesystems, SMP, upgrading, crash debugging, and much more, including coverage of how to:—Use advanced security features like packet filtering, virtual machines, and host-based intrusion detection —Build custom live FreeBSD CDs and bootable flash —Manage network services and filesystems —Use DNS and set up email, IMAP, web, and FTP services for both servers and clients —Monitor your system with performance-testing and troubleshooting tools —Run diskless systems —Manage schedulers, remap shared libraries, and optimize your system for your hardware and your workload —Build custom network appliances with embedded FreeBSD —Implement redundant disks, even without special hardware —Integrate FreeBSD-specific SNMP into your network management system. Whether you're just getting started with FreeBSD or you've been using it for years, you'll find this book to be the definitive guide to FreeBSD that you've been waiting for.

"Apple's growing family of operating systems is well documented...until the point where they tell you "it just works." But how does it really work?"--P. 4 of cover of volume 1.

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