
Lenovo T60 Hardware Maintenance Manual

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Embedded Firmware Solutions is the perfect introduction and daily-use field guide--for the thousands of firmware designers, hardware engineers, architects, managers, and developers--to Intel's new firmware direction (including Quark coverage), showing how to integrate Intel® Architecture designs into their plans. Featuring hands-on examples and exercises using Open Source codebases, like Coreboot and EFI

Development Kit (tianocore) and Chromebook, this is the first book that combines a timely and thorough overview of firmware solutions for the rapidly evolving embedded ecosystem with in-depth coverage of requirements and optimization. A limited edition book about Brian Jones and the Rolling Stones in the 1960's. The ThinkPad notebook computer has been at the center of the digital revolution that has transformed millions of lives around the world, allowing users to obtain access to their documents, pictures and other personal data from virtually anywhere at any time. More than 100 million ThinkPads have

been sold since they were introduced in 1992, some twenty-five years ago. ThinkPads played a prominent role in NASA's space exploration and at the International Space Station. They accompanied explorers who traversed the entire length of the Nile River and conquered Mount Everest. ThinkPads also played a major role in changing the very architecture of how humanity's knowledge is stored and made available. In this book, Arimasa Naitoh, the father of the ThinkPad, collaborates with American business journalist and author William J. Holstein to write candidly about the incredible technological and personal struggles he

and fellow engineers faced. And he offers his vision of the future of mobile computing—because this revolution is not even close to being finished. In the third in Katharine Ashe's Prince Catchers series, the eldest of three very different sisters must fulfill a prophecy to discover their birthright. But if Eleanor is destined to marry a prince, why can't she resist the scoundrel who seduced her? She can pour tea, manage a household, and sew a modest gown. In short, Eleanor Caulfield is the perfect vicar's daughter. Yet there was a time when she'd risked everything for a black-eyed gypsy who left her brokenhearted. Now he stands before her—dark, virile, and ready to escort her on a journey to find the truth about her heritage. Leaving eleven years ago should have given Taliesin freedom. Instead he's returned to Eleanor, determined to have her all to himself, tempting her with kisses and promising her a passion she's so long denied herself. But if he was infatuated before, he's utterly unprepared for what will happen when Eleanor decides to

abandon convention—and truly live . . .

Weedopedia
Proceedings of the AHFE 2021 Virtual Conferences on Neuroergonomics and Cognitive Engineering, Industrial Cognitive Ergonomics and Engineering Psychology, and Cognitive Computing and Internet of Things, July 25-29, 2021, USA
Towards a Technologically Sustainable Civilization
Passive and Active Measurement
Structure and Interpretation of Computer Programs
I Loved a Rogue
Running OS/2
Ubuntu Server is a complete, free server operating system that just works, with the extra Ubuntu polish, innovation, and simplicity that administrators love. Now, there's a definitive, authoritative guide to getting up-and-running quickly with the newest, most powerful versions of Ubuntu Server. Written by leading members of the Ubuntu community, The Official Ubuntu Server Book covers all you need to know to make the most of Ubuntu Server, whether you're a beginner or a battle-hardened senior system administrator. The authors cover Ubuntu Server from

start to finish: installation, basic administration and monitoring, security, backup, troubleshooting, system rescue, and much more. They walk through deploying each of the most common server applications, from file and print services to state-of-the-art, cost-saving virtualization. In addition, you'll learn how to Make the most of Ubuntu Server's latest, most powerful technologies
Discover easy, fast ways to perform key administration tasks
Automate Ubuntu installs, no matter how many servers you're installing
Quickly set up low-cost web servers and email
Protect your server with Ubuntu's built-in and optional security tools
Minimize downtime with fault tolerance and clustering
Master proven, step-by-step server and network troubleshooting techniques
Walk through rescuing an Ubuntu server that won't boot
"All who threaten me die."
These words made Morgan Stormrider's reputation as one of the Phoenix Society's deadliest IRD officers. He served with distinction as the Society's avenger, hunting down anybody who dared kill an Adversary in the line of duty. After a decade spent living by the sword, Morgan

seeks to bid a farewell to arms and make a new life with his friends as a musician. Regardless of his faltering faith, the Phoenix Society has a final mission for Morgan Stormrider after a dictator's accusations make him a liability to the organization. He must put everything aside, travel to Boston, and prove he is not the Society's assassin. He must put down Alexander Liebenthal's coup while taking him alive. Despite the gravity of his task, Morgan cannot put aside his ex-girlfriend's murder, or efforts to frame him and his closest friends for the crime. He cannot ignore a request from a trusted friend to investigate the theft of designs for a weapon before which even gods stand defenseless. He cannot disregard the corruption implied in the Phoenix Society's willingness to make him a scapegoat should he fail to resolve the crisis in Boston without bloodshed. The words with which Morgan Stormrider forged his reputation haunt him still. Curiosity Quills Press brings together bestselling authors like J.R. Rain, Tony Healey, A.W. Exley, and more to create a spine-tingling, mind-blowing, quirky collection of short stories in their first ever, annual Curiosity Quills: Primetime Anthology. 10% of every purchase will go straight to animals in need. The CQ team has selected humane societies on both the East and West coast that spend well and do not stray from their "no-kill" policies. Included Short Stories: - And Death Shall Have No Dominion - K.H. Koehler - Cyber Cowboy - James Wymore - Dark Orb - Tony Healey - Ephemera - Gerilyn Marin - The Fridge - J.R. Rain - Ghost Placers - Nina Post - Gothic Gwen - A.W. Exley - How I Killed the Drama - Mike Robinson - Mad Science - Sharon Bayliss - On the Rocks - William Vitka - Razor Child - Michael Shean - Sinergy - A.E. Propher & Grace Eyre - Tell Us Everything - Randy Attwood - The Caw - Eliza Tilton - The Damned and the Dangerous - Michael Panush - The Last Carnivale - Vicki Keire - The Milgram Battery - Matthew Graybosch - The Notebook - Randy Attwood - The Pearl - Rand B. Lee - Trevor - Nathan Yocum

This book offers a broad overview of the field of cognitive engineering and neuroergonomics, covering emerging practices and future trends toward the harmonious integration of human operators and computational systems. It gathers both theoretical and practice-oriented studies on mental workload and stress, activity theory, human reliability, error and risk. It covers applications in various field, and corresponding strategies to make assistive technologies more user-oriented. Further, the book describes key advances in our understanding of cognitive processes, including mechanisms of perception, memory, reasoning, and motor response, with a particular focus on their role in interactions between humans and other elements of computer-based systems. Gathering the proceedings of the AHFE 2021 Conferences on Neuroergonomics and Cognitive Engineering, Industrial Cognitive Ergonomics and Engineering Psychology, and Cognitive Computing and Internet of Things, held virtually on July 25-29, 2021, from USA, this book offers extensive information and a thought-provoking guide for researchers and practitioners in cognitive engineering, neuroergonomics and their applications. Without Bloodshed Linux Server Best Practices Human Factors in Design Human-Computer Interaction

Empty

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Leverage the power of PostgreSQL 10 to design, administer and maintain a high-performance database solution

Key Features Obtain optimal

PostgreSQL 10 database

performance, ranging from

initial design to routine

maintenance Fine tune the

performance of your queries

and avoid the common pitfalls

that can slow your system

down Contains tips and tricks

on scaling successful database

installations, and ensuring a

highly available PostgreSQL

solution Book Description

PostgreSQL database servers

have a common set of

problems that they encounter

as their usage gets heavier and

requirements get more

demanding. Peek into the

future of your PostgreSQL 10

database's problems today.

Know the warning signs to

look for and how to avoid the

most common issues before

they even happen.

Surprisingly, most PostgreSQL

database applications evolve in

the same way--choose the right

hardware, tune the operating

system and server memory use,

optimize queries against the

database and CPUs with the

right indexes, and monitor

every layer, from hardware to

queries, using tools from inside

and outside PostgreSQL. Also,

using monitoring insight,

PostgreSQL database

applications continuously

rework the design and

configuration. On reaching the

limits of a single server, they

break things up; connection

pooling, caching, partitioning,

replication, and parallel queries

can all help handle increasing

database workloads. By the end

of this book, you will have all

the knowledge you need to

design, run, and manage your

PostgreSQL solution while

ensuring high performance and

high availability What you will

learn Learn best practices for

scaling PostgreSQL 10

installations Discover the best

hardware for developing high-

performance PostgreSQL

applications Benchmark your

whole system - from hardware

to application Learn by real

examples how server

parameters impact performance

Discover PostgreSQL 10

features for partitioning and

parallel query Monitor your

server, both inside and outside

the database Design and

implement a good replication

system on PostgreSQL 10 Who

this book is for This book is

designed for database

administrators and PostgreSQL

architects who already use or

plan to exploit the features of

PostgreSQL 10 to design and

maintain a high-performance

PostgreSQL database. A

working knowledge of SQL,

and some experience with

PostgreSQL will be helpful in

getting the most out of this

book.

This book constitutes the

refereed proceedings of the

13th International Conference

on Passive and Active

Measurement, PAM 2012, held

in Vienna, Austria, in March

2012. The 25 revised full

papers presented were carefully

reviewed and selected from 83

submissions. The papers were

arranged into eight sessions

traffic evolution and analysis,

large scale monitoring,

evaluation methodology,

malicious behavior, new

measurement initiatives,

reassessing tools and methods,

perspectives on internet

structure and services, and

application protocols.

Human factors research impacts

everything from the height of

kitchen counters to the

placement of automobile pedals

to a book's type size. And in

this updated and expanded

version of the original

landmark work, you'll find the

research information necessary

to create designs that better

accommodate human need.

Featuring more than 200

anthropometric drawings, this

handbook is filled with all of

the essential measurements of

the human body and its

relationship to the designed

environment. You'll also

discover guidelines for

designing for children and the

elderly, for the digital

workplace, and for ADA

compliance. Measurements are

in both English and metric

units.

Designed for the introductory computer science subject at MIT, this book presents a unique conceptual introduction to programming that should make it required reading for every computer scientist. The authors' main concern is to give their readers command of the major techniques used to control the complexity of large software systems: building abstractions, establishing conventional interfaces, and establishing new descriptive languages. Structure and Interpretation of Computer Programs covers a wide range of material, from simple numerical programs, through symbol manipulation, logic programming, interpretation, and compilation. Main sections of the book are: Building Abstractions with Procedures; Building Abstractions with Data; Modularity, Objects, and State, Meta-Linguistic Abstraction; and Computing with Register Machines. Each chapter includes numerous exercises and programming projects. As a programming language, the book uses Scheme, a modern dialect of LISP, which incorporates block structure and lexical scoping. This book inaugurates the MIT Electrical Engineering and Computer Science series, copublished with McGraw Hill. Curiosity Quills First International ICST Conference, MobiCASE 2009, San Diego, CA, USA, October 26-29, 2009, Revised Selected Papers The Urban Generation Batteries in a Portable World A Handbook on Rechargeable Batteries for Non-engineers Computerized Assessment Bank CD-ROM Tips & Tools for Exploring, Using, and Tuning Linux Seven years ago, IBM didn't even have a portable computer product. As the story unfolds, Dell and Purdy reveal a rare inside view on how IBM created and made ThinkPad the most successful brand in history. After her nightmarish recovery from a serious car accident, Faye gets horrible news from her doctor, and it hits her hard like a rock: she can't bear children. In extreme shock, she breaks off her engagement, leaves her job and confines herself in her family home. One day, she meets her brother's best friend , and her soul makes a first step to healing. A girl tumbles into a downward spiral when a romantic encounter turns violent in this heartwrenching novel from the author of Cracked. Dell is used to disappointment. Ever since her dad left, it's been one let down after another. But no one—not even her best friend—understands all the pain she's going through. So Dell hides behind self-deprecating jokes and forced smiles. Then the one person she trusts betrays her. Dell is beyond devastated. Without anyone to turn to for comfort, her depression and self-loathing spin out of control. But just how far will she go to make all the heartbreak and the name-calling stop? Provides information on using Knoppix with a Linux operating system. Advances in Neuroergonomics and Cognitive Engineering Platform Embedded Security Technology Revealed A Different Shade of Blue Follow Me Theory of Bastards Knoppix Hacks Book One of the Starbreaker The computing world today is in the middle of a revolution: mobile clients and cloud computing have emerged as the dominant paradigms driving programming and hardware innovation today. The Fifth Edition of Computer Architecture focuses on this dramatic shift, exploring the ways in which software and technology in the cloud are accessed by cell phones, tablets, laptops, and other mobile computing devices. Each chapter includes two real-world examples, one mobile

and one datacenter, to illustrate this revolutionary change. Updated to cover the mobile computing revolution Emphasizes the two most important topics in architecture today: memory hierarchy and parallelism in all its forms. Develops common themes throughout each chapter: power, performance, cost, dependability, protection, programming models, and emerging trends ("What's Next") Includes three review appendices in the printed text. Additional reference appendices are available online. Includes updated Case Studies and completely new exercises. Ubuntu Linux--the most popular Linux distribution on the planet--preserves the spirit embodied in the ancient African word ubuntu, which means both "humanity to others" and "I am what I am because of who we all are." Ubuntu won the Linux Journal Reader's Choice Award for best Linux distribution and is consistently the top-ranked Linux variant on DistroWatch.com. The reason this distribution is so widely popular is that Ubuntu is designed to be useful, usable, customizable, and always available for free worldwide. Ubuntu Hacks is your one-stop source for all of the community knowledge you need to get the most out of Ubuntu: a collection of 100 tips and tools to help new and experienced Linux users install, configure, and customize Ubuntu. With this set of hacks, you can get Ubuntu Linux working exactly the way you need it to. Learn how to: Install and test-drive Ubuntu Linux. Keep your system running smoothly Turn Ubuntu into a multimedia powerhouse: rip and burn discs, watch videos, listen to music, and more Take Ubuntu on the road with Wi-Fi wireless networking, Bluetooth, etc. Hook up multiple displays and enable your video card's 3-D acceleration Run Ubuntu with virtualization technology such as Xen and VMware Tighten your system's security Set up an Ubuntu-powered server Ubuntu Hacks will not only show you how to get everything working just right, you will also have a great time doing it as you explore the powerful features lurking within Ubuntu. "Put in a nutshell, this book is a collection of around 100 tips and tricks which the authors choose to call hacks, which explain how to accomplish various tasks in Ubuntu Linux. The so called hacks range from down right ordinary to the other end of the spectrum of doing specialised things...More over, each and every tip in this book has been tested by the authors on the latest version of Ubuntu (Dapper Drake) and is guaranteed to work. In writing this book, it is clear that the authors have put in a lot of hard work in covering all facets of configuring this popular Linux distribution which makes this book a worth while buy." -- Ravi Kumar, Slashdot.org Personal computing has reshaped economies and industries, and is transforming how we express ourselves and relate to one another. The most personal of personal computers are the portables. We carry these gadgets with us wherever we go, whether they ' re laptops, smartphones, or the coolest new Web-surfing devices. The Race for Perfect tells the story of two generations of entrepreneurs, designers, and engineers as they have struggled to make ever-better portables. Steve Hamm takes the reader into a world where inspiration, design, engineering, and marketing come together to produce wave upon wave of the innovative products that we love to talk about and use. From the earliest days of portable computing, 40 years ago, entrepreneurs and designers have pushed forward relentlessly in a quest to create the perfect device. Their efforts have produced a few fabulous successes and many failures. But they never give up. They ' re driven by the basic rule of the tech industry: innovate or die. In addition to a fascinating read, The Race for Perfect offers valuable lessons for business people in any industry, revealing how they must INNOVATE constantly to differentiate their products

CREATE design principles that are timeless INTEGRATE design and engineering so products are both useful and fun to use IMPROVE quality and convenience without compromise TAP social networks to turn customers into fans At the center of this tale is the story of a single product, Lenovo ' s ThinkPad X300 laptop. Lenovo, the first Chinese company to seek to establish a global consumer brand, bought IBM ' s PC division in 2005 primarily to get the company ' s storied ThinkPad laptops. The X300 was conceived as a " halo " product that would draw customers to Lenovo ' s entire line. Woven through The Race for Perfect is a case study of how this ambitious company, with teams in Japan, the United States, and China, marshaled its resources to pursue laptop perfection. As X300 came close to the finish line, it collided head-on with Apple ' s super-slim MacBook Air—with surprising results. Provides instructions for using OS/2, including installing programs, reformatting disks from DOS to OS/2, program development, and troubleshooting A Quantitative Approach IBM ZPDT Guide and Reference Embedded Firmware Solutions The Hidden Inheritance The Age of Low Tech DevOps Troubleshooting

Mobile Computing, Applications, and Services Low-tech Magazine underscores the potential of past and often forgotten technologies and how they can inform sustainable energy practices. Sometimes, past technologies can be copied without any changes. More often, interesting possibilities arise when older technology is combined with new knowledge and new materials, or when past concepts and traditional knowledge are applied to modern technology. Inspiration is also to be found in the so-called "developing" world, where resource constraints often lead to inventive, low-tech solutions. Contains 159 images in black & white. " If you ' re a developer trying to figure out why your application is not responding at 3 am, you need this book! This is now my go-to book when diagnosing production issues. It has saved me hours in troubleshooting complicated operations problems. " — Trotter Cashion, cofounder, Mashion DevOps can help developers, QAs, and admins work together to solve Linux server problems far more rapidly, significantly improving IT performance, availability, and efficiency. To gain these benefits, however, team members need common troubleshooting skills and practices. In DevOps Troubleshooting: Linux Server Best Practices , award-winning Linux expert Kyle Rankin brings together all the standardized, repeatable techniques your team needs to stop finger-pointing, collaborate effectively, and quickly solve virtually any Linux server problem. Rankin walks you

through using DevOps techniques to troubleshoot everything from boot failures and corrupt disks to lost email and downed websites. You ' ll master indispensable skills for diagnosing high-load systems and network problems in production environments. Rankin shows how to Master DevOps ' approach to troubleshooting and proven Linux server problem-solving principles Diagnose slow servers and applications by identifying CPU, RAM, and Disk I/O bottlenecks Understand healthy boots, so you can identify failure points and fix them Solve full or corrupt disk issues that prevent disk writes Track down the sources of network problems Troubleshoot DNS, email, and other network services Isolate and diagnose Apache and Nginx Web server failures and slowdowns Solve problems with MySQL and Postgres database servers and queries Identify hardware failures — even notoriously elusive intermittent failures The consequences of drug use, whether illicit or prescribed. Consequences that can be enduring, lifelong, even carry through generations. Yet few of us have the time to consider them as we live in the heat of our own daily lives. I have seen this in action, watched events while they happened, seen it unfold, lived through the results, and unfortunately am observing the ongoing calamities of it all, still today. It is not fun to watch but not mine to fix. I was and am an observer, a recorder, merely that, out of the action, incapable of altering the results. My wife made a great point on this novels subject. Drug use she said is a

leveler. It brings people down the lowest common denominator. What a concept! How right on is that statement! Drugs affect the rich, the poor, the famous, and the infamous in every country and nationality on this earth. If you are on the upscale end drugs keep you there. The users life contribution to humanity is likely to be nothing, but the cost to the user, their family and friends in physical, emotional, and fiscal terms expensive and of course dangerous, because it may also kill you. I have put these observations into this novel hoping that readers can identify with the characters, watch them grow and suffer through the consequences of their actions unaware of the effect of their lives and on others. Discover everything you ' ve ever wanted to know about marijuana all in one place with this authoritative A-to-Z guide to cannabis! What ' s a wake and bake? Who is Mitch Hedberg? What does Louisa May Alcott have to do with cannabis? And what exactly is the difference between a bong and a bubbler? Now you can " weed " all about it and find all the answers and more with this entertaining and updated edition of Weedopedia, your guide to everything marijuana—from the best movies to watch while high to cannabis slang and terminology. Whether you ' re interested in learning more about all things marijuana, or if you want something entertaining to read while enjoying a toke, this book is the one-stop-shop for all your weed-related needs. Safeguarding the Future of Computing with Intel Embedded

Security and Management Engine
An Empirical Research Perspective
ThinkPad
Low-tech Magazine
What the Dinosaurs Did Last Night
Butterfly in the Park
What You Can Do With Your Computer
People often believe that we can overcome the profound environmental and climate crises we face by smart systems, green innovations and more recycling. However, the quest for complex technological solutions, which rely on increasingly exotic and scarce materials, makes this unlikely. A best-seller in France, this English language edition introduces readers to an alternative perspective on how we should be marshalling our resources to preserve the planet and secure our future. Bihouix skilfully goes against the grain to argue that ' high ' technology will not solve global problems and envisages a different approach to build a more resilient and sustainable society. This IBM® Redbooks® publication provides both introductory information and technical details about the IBM System z® Personal Development Tool

(IBM zPDT®), which produces a small System z environment suitable for application development. zPDT is a PC Linux application. When zPDT is installed (on Linux), normal System z operating systems (such as IBM z/OS®) can be run on it. zPDT provides the basic System z architecture and emulated IBM 3390 disk drives, 3270 interfaces, OSA interfaces, and so on. The systems that are discussed in this document are complex. They have elements of Linux (for the underlying PC machine), IBM z/Architecture® (for the core zPDT elements), System z I/O functions (for emulated I/O devices), z/OS (the most common System z operating system), and various applications and subsystems under z/OS. The reader is assumed to be familiar with general concepts and terminology of System z hardware and software elements, and with basic PC Linux characteristics. This book provides the primary documentation for zPDT. From the creative parents who brought the world the web sensation "Dinovember" comes photographic proof of what toys get up to when the rest of the house is asleep. You might have noticed

weird things happening in your house. Unexplainable messes. Food all over the kitchen floor. Who could the culprits be? Dinosaurs! Boasting bright and hilarious photographs, along with a story written from the point of view of an older, wiser sibling, Reife and Susan Tuma's picture book documents a very messy adventure that shows just what the dinosaurs did last night.

DIVAn anthology that explores film works by the "urban generation,"--filmmakers who operate outside of "mainstream" (officially sanctioned) Chinese cinema -- whose impact has been enormous. /div

How the ThinkPad Changed the World â €"and Is Shaping the Future Chinese Cinema and Society at the Turn of the Twenty-First Century

A Very Messy Adventure 13th International Conference, PAM 2012, Vienna, Austria, March 12-14, 2012, Proceedings

Beyond BIOS

Harlequin Comics

The Race for Perfect: Inside the Quest to Design the Ultimate Portable Computer

"Recovering." While that simple word that once described Dr.

Francine Burk's situation, the reality is much more complex. Her new reality is feeling unduly thrilled by her increasing ability to walk across a room without assistance. And it's being offered a placement at a prestigious research institute where she can put to good use her recent award money. With the Foundation's advanced technological resources and a group of fascinating primates, Francine can begin to verify her subversive scientific discovery, in which she finds that the bonobos she's studying are as complex as the humans she's working alongside.

Platform Embedded Security Technology Revealed is an in-depth introduction to Intel ' s platform embedded solution: the security and management engine. The engine is shipped inside most Intel platforms for servers, personal computers, tablets, and smartphones. The engine realizes advanced security and management functionalities and protects applications ' secrets and users ' privacy in a secure, light-weight, and inexpensive way. Besides native built-in features, it allows third-party software vendors to develop applications that take advantage of the security infrastructures offered by the engine. Intel ' s security and management engine is technologically unique and significant, but is largely unknown to many members of the tech communities who could potentially benefit from it.

Platform Embedded Security Technology Revealed reveals technical details of the engine. The engine provides a new way for the computer security industry

to resolve critical problems resulting from booming mobile technologies, such as increasing threats against confidentiality and privacy. This book describes how this advanced level of protection is made possible by the engine, how it can improve users ' security experience, and how third-party vendors can make use of it. It's written for computer security professionals and researchers; embedded system engineers; and software engineers and vendors who are interested in developing new security applications on top of Intel ' s security and management engine. It ' s also written for advanced users who are interested in understanding how the security features of Intel ' s platforms work.

Human-Computer Interaction: An Empirical Research Perspective is the definitive guide to empirical research in HCI. The book begins with foundational topics including historical context, the human factor, interaction elements, and the fundamentals of science and research. From there, you'll progress to learning about the methods for conducting an experiment to evaluate a new computer interface or interaction technique. There are detailed discussions and how-to analyses on models of interaction, focusing on descriptive models and predictive models. Writing and publishing a research paper is explored with helpful tips for success. Throughout the book, you'll find hands-on exercises, checklists, and real-world examples. This is your must-have, comprehensive guide to empirical and experimental research in HCI—an essential addition to

your HCI library. Master empirical and experimental research with this comprehensive, A-to-Z guide in a concise, hands-on reference. Discover the practical and theoretical ins-and-outs of user studies. Find exercises, takeaway points, and case studies throughout. This book provides an overview of modern boot firmware, including the Unified Extensible Firmware Interface (UEFI) and its associated EFI Developer Kit II (EDKII) firmware. The authors have each made significant contributions to developments in these areas. The reader will learn to use the latest developments in UEFI on modern hardware, including open source firmware and open hardware designs. The book begins with an exploration of interfaces exposed to higher-level software and operating systems, and commences to the left of the boot timeline, describing the flow of typical systems, beginning with the machine restart event. Software engineers working with UEFI will benefit greatly from this book, while specific sections of the book address topics relevant for a general audience: system architects, pre-operating-system application developers, operating system vendors (loader, kernel), independent hardware vendors (such as for plug-in adapters), and developers of end-user applications. As a secondary audience, project technical leaders or managers may be interested in this book to get a feel for what their engineers are doing. The reader will find: An overview of UEFI and underlying Platform Initialization (PI) specifications. How to create UEFI applications

and drivers Workflow to design the firmware solution for a modern platform. Advanced usages of UEFI firmware for security and manageability. The Measure of Man and Woman. Ubuntu Hacks. Upgrading and Repairing Laptops. The Prince Catchers. Primetime. Development Best Practices for the Internet of Things. The Official Ubuntu Server Book. Provides information on how to upgrade, maintain, and troubleshoot the hardware of laptop computers, discussing the differences among them as well as their various configuration options. This proceedings volume includes the full research papers presented at the First International Conference on Mobile Computing, Applications, and Services (MobiCASE) held in San Diego, California, during October 26-29, 2009. It was sponsored by ICST and held in conjunction with the First Workshop on Innovative Mobile User Interactivity (WIMUI). MobiCASE highlights state-of-the-art academic and industry research work in - main topics above the OSI transport layer with an emphasis on complete end-to-end systems and their components. Its vision is largely influenced by what we see in the consumer space today: high-end mobile phones, high-bandwidth wireless networks, novel consumer and enterprise mobile applications, scalable software infrastructures, and of course an increasingly larger user base that

is moving towards an almost a-mobile lifestyle. This year's program spanned a wide range of research that explored new features, algorithms, and infrastructure related to mobile platforms. We received submissions from many countries around the world with a high number from Europe and Asia in addition to the many from North America. Each paper received at least three independent reviews from our Technical Program Committee members during the Spring of 2009, with final results coming out in July. As a result of the review process, we selected 15 high-quality papers and complemented them with six invited submissions from leading researchers, reaching the final count of 21 papers in the program. Computer Architecture. Brian Jones. A SECRET SORROW. PostgreSQL 10 High Performance. An A to Z Guide to All Things Marijuana. Developing with the Unified Extensible Firmware Interface, Third Edition.