

## Macworld Superguides Ipad

Activate, customize, and navigate your iPhone. Meet Siri, your new voice assistant. Connect with friends using iMessage, FaceTime, and email. Organize your life with Apple's productivity apps. Watch, read, play, and listen to your media collection. Find solutions for common troubleshooting issues. Enhance your iPhone with the latest accessories. Macworld's iPhone 4S Superguide (the 35th book in our Superguide series) offers in-depth explanations, how-tos, tips, tricks, and troubleshooting for any iPhone-obsessed user in your life. Inside this book, you'll find a complete rundown of how to use your iPhone to communicate, be productive, and enjoy multimedia. If you're not sure where to start, don't worry, because our full-featured guide offers some nice tips for beginners: Take a tour of the iPhone and learn how to activate it; tweak each one of your device's settings; discover basic gestures for navigating through apps and home screens; and learn about some of our favorite tips and tricks. And don't forget to meet your new personal voice assistant, Siri, and explore iCloud, Apple's sync service. Once you've gotten everything set up, it's time to download some third-party apps and explore what your iPhone has to offer. Connect with friends and family using the Phone app, iMessage, and FaceTime; get online using 3G or Wi-Fi; secure your connection via a VPN; browse the Web and email coworkers; and navigate the world with the Maps app and GPS. You can further organize your life with included Apple apps like Calendar, Notes, and Reminders, and expand your work productivity with Apple's iWork office suite or other third-party apps. When you've finished a project, learn how to export it to a cloud service like Dropbox or print it out. More interested in the multimedia side of your iPhone? Check out our chapter on syncing your music, videos, podcasts, TV shows, and apps. You can also play games with friends by using Apple's Game Center, read books with iBooks, and make movie and musical masterpieces with iMovie and GarageBand, respectively. If you run into trouble, never fear: Our troubleshooting tips will keep your iPhone sailing smooth. And in case you're stumped on how to best outfit your device, we provide suggestions for great iPhone 4S cases, headphones, speakers, and more.

Learn how to use Apple's iCloud service to share your content across all your Apple devices. This indispensable guide to Apple's iCloud service walks readers how to share their iTunes songs, photos, books, apps, files, email, contacts, and calendars across their PC, Mac, and iOS devices. Readers will learn how to create documents in iWork apps--Pages, Keynote, and Numbers--and edit them on any device, with iCloud keeping the files up to date. Readers will also learn how to back up important information via the cloud.

Solve usability puzzles on Macs, iPhones, and iPads! Apple devices are supposed to be easy to use, and they generally are—at least for basic things. But over the years, as features have multiplied exponentially and hardware has changed dramatically, the user interfaces of Macs, iPhones, and iPads (among other Apple products) have become increasingly inscrutable. This book explores the mysteries of how and why things are the way they are now—and shows you how you can solve your own Apple usability puzzles. When Apple introduced the Mac in 1984, its novel graphical interface revolutionized the way people thought about computers. Thanks to the Mac's graphical user interface, people quickly realized a computer could be both powerful and easy to use. That legendary ease of use, which carried on through the iPod, iPhone, iPad, and other products, helped Apple become the huge cultural force it is today. And yet, millions of people struggle to make sense of their modern Apple devices. (Indeed, that's the whole reason Take Control Books has existed since 2003!) Users wonder how to accomplish seemingly basic tasks, where to find important menu commands, why the screen is scrolling the “wrong” way, how to type characters that aren't on the keyboard, what gesture they can use to perform common operations on an iPhone or iPad, and why controls they want to use frequently are hidden. What happened to that ease of use, and why have Apple's user interfaces become so...mysterious? Apple Interface Mysteries aims to answer all those questions and many more. Michael E. Cohen, who is a Certified Usability Analyst (really!) as well as the author of numerous books on Apple products, also loves a good mystery. So he has done extensive research into the evolution of Apple's interfaces in an effort to explain how and why things are the way they are today—and more importantly, how you can find hidden controls and capabilities, solve the puzzles of Apple's seemingly opaque interfaces, and become a happier user in the process. After an introduction to basic concepts of usability (such as affordances, or cues that tell you how to use a control), Michael takes you on a fascinating journey through mysteriously complicated Mac interfaces such as menus, keyboards, mice, and the desktop. He then turns his attention to iOS/iPadOS, discussing the unique capabilities and limitations of small-screen, touch-oriented devices, including gestures, hidden buttons, and inscrutable onscreen keyboards. The book concludes with a chapter of “crime fighting tips” that help you unravel new perplexities as you encounter them. Unlike most of our books, the title of this one doesn't begin with the words “Take Control of....” That's because the focus is more on why than on how to, and it makes no attempt to be exhaustive.

Rather, it's an explanation of some of the historical and technological factors that led to Apple's current user interfaces. But don't worry, you'll still learn tons of practical skills—along with lots of tips about hidden or hard-to-discover features.

Here's what three pioneers in computer graphics and human-computer interaction have to say about this book: “What a tour de force—everything one would want—comprehensive, encyclopedic, and authoritative.” —Jim Foley “At last, a book on this important, emerging area. It will be an indispensable reference for the practitioner, researcher, and student interested in 3D user interfaces.” —Andy van Dam “Finally, the book we need to bridge the dream of 3D graphics with the user-centered reality of interface design. A thoughtful and practical guide for researchers and product developers. Thorough review, great examples.” —Ben Shneiderman As 3D technology becomes available for a wide range of applications, its successful deployment will require well-designed user interfaces (UIs). Specifically, software and hardware developers will need to understand the interaction principles and techniques peculiar to a 3D environment. This understanding, of course, builds on usability experience with 2D UIs. But it also involves new and unique challenges and opportunities. Discussing all relevant aspects of interaction, enhanced by instructive examples and guidelines, 3D User Interfaces comprises a single source for the latest theory and practice of 3D UIs. Many people already have seen 3D UIs in computer-aided design, radiation therapy, surgical simulation, data visualization, and virtual-reality entertainment. The next generation of computer games, mobile devices, and desktop applications also will feature 3D interaction. The authors of this book, each at the forefront of research and development in the young and dynamic field of 3D UIs, show how to produce usable 3D applications that deliver on their enormous promise. Coverage includes: The psychology and human factors of various 3D interaction tasks Different approaches for evaluating 3D UIs Results from empirical studies of 3D interaction techniques Principles for choosing appropriate input and output devices for 3D systems Details and tips on implementing common 3D interaction techniques Guidelines for selecting the most effective interaction techniques for common 3D tasks Case studies of 3D UIs in real-world applications To help you keep pace with this fast-evolving field, the book's Web site, www.3dui.org, will offer information and links to the latest 3D UI research and applications.

iPhone 5 Superguide

Total Mountain Lion Superguide (Macworld Superguides)

iOS 5 Upgrade Guide (Macworld Superguides)

Teach Yourself VISUALLY Macs

iOS 6 Upgrade Guide (Macworld Superguides)

*We all like to think we're pretty savvy when it comes to using our Macs. In the case of the typical Macworld reader, that's usually true. (You're all unusually handsome and have wonderful singing voices too.) But there's a funny thing we've noticed when we talk to Mac users, even the supposedly savvy ones: There's often some essential information — basic things that would make their Mac use easier or more efficient — that they've either forgotten or never learned. So we got some Macworld editors and contributors together and asked ourselves: What are the things that every Mac user should know how to do? We didn't meant the really basic stuff -Command-C, Command-V, and so on - but the skills and knowledge that mark you as Mac-literate. And we came up with a list of 100 things that seemed to fit that bill. They range from customizing your Mac's boot-up sequence to shutting down unresponsive apps. In between, they cover Finder navigation, launching apps, keyboard shortcuts, Spotlight, PDFs, user accounts, and much, much more. (Our one rule: None of these things could require third-party tools; we're talking only about stuff you can do with OS X itself.)*

*One of the main concerns for digital photographers today is asset management: how to file, find, protect, and re-use their photos. The best solutions can be found in The DAM Book, our bestselling guide to managing digital images efficiently and effectively. Anyone who shoots, scans, or stores digital photographs is practicing digital asset management (DAM), but few people do it in a way that makes sense. In this second edition, photographer Peter Krogh -- the leading expert on DAM -- provides new tools and techniques to help professionals, amateurs, and students: Understand the image file lifecycle: from shooting to editing, output, and permanent storage Learn new ways to use metadata and key words to track photo files Create a digital archive and name files clearly Determine a strategy for backing up and validating image data Learn a catalog workflow strategy, using Adobe Bridge, Camera Raw, Adobe Lightroom, Microsoft Expression Media, and Photoshop CS4 together Migrate images from one file format to another, from one storage medium to another, and from film to digital Learn how to copyright images To identify and protect your images in the marketplace, having a solid asset management system is essential. The DAM Book offers the best approach.*

*Whether you're relatively new to the Mac or someone who remembers the days before there were three colored buttons in the upper left corner of every Mac window, OS X Mavericks has something new for you. Total OS X Mavericks covers every inch of Apple's new operating system: We provide an overview of all the features packed into OS X 10.9, then dive into what you need for a basic installation. From there, we offer in-depth descriptions of new features like iCloud Keychain, Finder Tabs, and Finder Tags, detail what to expect from new apps like iBooks and Maps and OS X's new multiple displays, and explain Apple's under-the-hood changes in plain English. There's never been a better time to be a Mac user. And with Total OS X Mavericks that help you get acquainted with the Mac's latest and greatest features, you'll be on the fast track to more fun and greater productivity.*

*iCloud does a lot of amazing things: It keeps your mail, contacts, calendars, reminders, and notes in sync. It instantly (almost magically) copies that photo you took of your cousin on your iPhone to your Mac, iPad mini, and laptop. It lets you work with your Macs from afar. It helps you find stranded and wayward devices, and lets you know when your friends are nearby. And it does it all for free. iCloud encompasses so very many different features and fun bits that it's surprising to realize just how much you can do with a free account. Let Macworld's editors help you get the most out of it. This book collects all the material we've written in the last year on Apple's sync service, and we hope it will help you get to know iCloud and learn how best to use it in your life. This book focuses on OS X 10.8 (Mountain Lion), Windows 8, iOS 6, and iTunes 11 - but we still have some helpful hints for those users with older operating systems. We hope that you enjoy our Starter Guide, but, even more important, that you enjoy iCloud and find ways to incorporate it into your daily routine. If you want to learn more about your other iOS devices, make sure to check out our available Superguides including our iPhone 5 Superguide, iPad Mini Starter Guide, iPad Starter Guide, Fourth Edition (for Retina iPads; Apple's latest iPad, or third generation iPad users running iOS 6), iPhone 5 Starter Guide, iOS 6 Upgrade Guide, and Master iPhone Photography. Looking for Mac and OS X books? We also sell our Total Mountain Lion Superguide, Mac Basics, Mountain Lion, and Mac Gems, Mountain Lion edition.*

**Macworld iPad Superguide**

***iPhone 5 Starter Guide (Macworld Superguides)***

***Total Lion Superguide (Macworld Superguides)***

***Theory and Practice, CourseSmart eTextbook***

***Visual QuickStart Guide***

The tutorial reviews the desktop publishing program's features and demonstrates the production of flyers, letterhead, guidebooks, newsletters, catalogs, and Web pages

Within these pages, we'll take you on a tour of the device's exterior and basic features, and walk you through how to activate a brand new iPhone. Discover how to get connected over cellular data or Wi-Fi, and how to share your connection. We'll also teach you some basic gestures for navigating through apps and home screens, downloading your first third-party app, and connecting to Apple's iCloud service. And we devote an entire chapter to customizing your settings, covering every submenu and toggle. If it's installed apps you want to know about, our Superguide covers them all: Read our in-depth how-tos on working with your mail, navigating with Maps, surfing Safari, chatting with Messages, and more. We also offer a basic guide for syncing your device and your media with iTunes. If you run into trouble, never fear: Macworld's own Christopher Breen authors a very special chapter on troubleshooting basic iPhone 5 problems and maladies, as well as tips on when to go to the experts. And in case you're stumped on how to best outfit your device, we provide suggestions for great iPhone 5 cases, headphones, speakers, and more.

iOS 6 has arrived, and eager users everywhere are getting ready to update their devices. If you're concerned about the upgrade process, or simply want to know all your setup options before making the big switch, let the editors at Macworld help you upgrade your iPhone, iPod touch, or iPad to iOS 6 with this step-by-step guide. Want to upgrade to iOS 6? We lay out what devices will run Apple's newest mobile OS, and how to download and install it. Once you've gotten the software on your iPhone, iPod touch, or iPad, we'll walk you through its marquee features: We'll show you how to get started with the new and improved Maps app, ask Siri about sports scores, enable Do Not Disturb, and adjust the new Accessibility settings. And if you're confused about Apple's sync service, iCloud, never fear: Our iOS 6 Upgrade Guide also offers a rundown of the service and each of its features. There's no better resource to learn about iOS 6.

Lion (Mac OS X 10.7) is now available, and unlike previous versions of the Mac OS, getting it doesn't involve driving to the nearest Apple Store or retailer. Let Macworld's Dan Frakes help you through the installation process, from the simple to the outrageously complex. It's easier than ever to install Lion, Apple's newest version of Mac OS X-you can purchase and download it directly from the Mac App Store and install it within the hour (assuming, of course, you've got a broadband Internet connection). But just because it's easy to get doesn't mean you should dive in head-first. There are things you should do beforehand, decisions to make along the way, and tasks to perform afterwards. If you'd like a little extra help, you might be interested in Macworld's Lion Installation Superguide, an in-depth instruction manual for the process.

iPad 2 Superguide (Macworld Superguides)

Master iPhone Photography (Macworld Superguides)

Automator for Mac OS X 10.6 Snow Leopard

Mac Basics Mountain Lion (Macworld Superguides)

The Mobile Wave

**Thanks to the iPhone, many more of us have a camera in our pocket. But, like any art, great photography takes time. (Maybe not as much money wasted on roll upon roll of 35mm film, though.) That's why we put together Macworld's iPhone Photography Superguide, our attempt to help you glide through the rough patches and on to photographic stardom. This book explains it all: The nitty-gritty bits of taking pictures, editing and sharing your work, and using third-party apps and accessories to move from mischief to mastery. Learn how your iPhone can quickly transform into a portable camera when you need it to, whether it's buttons pulling double duty or app shortcuts built into iOS. Discover how to take pictures in almost any situation using old photography tricks and tips. Decide how you'd like to edit, sort, and organize your images; we offer tips on the Photos app, iPhoto for iOS, and suggestions for third-party applications that can make your image-editing easier. And, if you want to see what other goodies can propel your iPhone to mobile photograph greatness, we've got just the thing with a roundup of the top iPhone photography accessories.**

Get up to speed on the principal technologies in the Java Platform, Enterprise Edition 7, and learn how the latest version embraces HTML5, focuses on higher productivity, and provides functionality to meet enterprise demands. Written by Arun Gupta, a key member of the Java EE team, this book provides a chapter-by-chapter survey of several Java EE 7 specifications, including WebSockets, Batch Processing, RESTful Web Services, and Java Message Service. You'll also get self-paced instructions for building an end-to-end application with many of the technologies described in the book, which will help you understand the design patterns vital to Java EE development. Understand the key components of the Java EE platform, with easy-to-understand explanations and extensive code samples Examine all the new components that have been added to Java EE 7 platform, such as WebSockets, JSON, Batch, and Concurrency Learn about RESTful Web Services, SOAP XML-based messaging protocol, and Java Message Service Explore Enterprise JavaBeans, Contexts and Dependency Injection, and the Java Persistence API Discover how different components were updated from Java EE 6 to Java EE 7

**There's a lot of free and low-cost software available to Mac users these days, and the challenge is sifting through that vast selection to find the prized few apps worthy of a permanent place on your hard drive. Let this book be your ultimate guide to affordable Mac software. While most people are aware of the big-name software titles--Microsoft Office, Adobe Photoshop, and the like--some of the best Mac software is, like so many precious gems, hidden. Many great products out there don't get the recognition, or even the awareness, that they deserve. And when that happens, Mac users miss out. That's where Macworld comes in. We mine the Web, looking for inexpensive software (generally \$35 or less) that makes your Mac run better, helps you work more efficiently, and lets your Mac do the little things--and some pretty big ones--you always wished it could do. We call these programs Mac Gems, and we're highlighting the very best in our Mac Gems Superguide, second edition. Make finding inexpensive Mac software easy with our new collection of OS X Lion gems from senior editor Dan Frakes. We've picked our favorite Lion-compatible products, and we present them here. For each program, we give you a brief description of what it does, as well as links to the developer's website and our full review. Some of the products are ones we've recently discovered; others are oldies but goodies. The one thing they all have in common is that each is a standout product that won't break the bank.**

Curious about the new iPad? Let the editors at Macworld help you learn everything you need to know about it with our third-generation iPad Superguide. This in-depth Superguide covers everything you need know about your iPad's hardware and software, including the latest on iOS 5. We also highlight and recommend some great apps and accessories to get you started. We provide step-by-step instructions for getting acquainted with your new iPad. Familiarize yourself with every port, button, and switch on your device, and start the setup process. Customize your settings by enabling parental controls, changing the behavior of your iPad's side-switch, and (if you have an LTE-enabled iPad) creating a data plan. Learn about the many multitouch gestures you'll be using to open, close, zoom, and swipe on the 9.7-inch LED-backlit screen. Communicate with others using Mail, Safari, Messages, and FaceTime. In addition, we'll show you how to sync and load all your favorite music, movies, television shows, podcasts, apps, and files using iTunes; how to convert most any file to work on the iPad; and how to stream your media to a television or other source using AirPlay. Organize your life using the iPad's built-in Calendar, Notes, Reminders, and Contacts apps, and get the best recommendations for third-party apps to help increase productivity. Discover how to get work done on the iPad using iWork, Google Docs, and Microsoft Office files. Even without a tech support background, it's easy to troubleshoot most simple problems on the iPad. In our Troubleshooting Tips chapter, we give a rundown of common questions plaguing users and the easiest ways to fix them. We'll also share some simple tricks to keep your device up and running, and suggestions for when you need to consult with the experts.

Mountain Lion Installation Guide (Macworld Superguides)

3D User Interfaces

iCloud

The DAM Book

Apple TV Portable Genius

Whether you've just purchased your very first Mac or you're a long-time Mac user who wants a comprehensive guide to their OS, let Macworld's Mac Basics Superguide welcome you to the Mac and latest version of OS X, Mountain Lion. We'll help you move files from your old Mac or PC, get acquainted with the desktop, the Dock, Mission Control, and gestures. We'll provide a primer for tweaking your system preferences, changing your desktop wallpaper, setting parental controls, and adding third-party utilities. And we'll introduce you o the many built-in apps OS X has to offer, along with an overview on buying apps from the Mac App Store. When it comes to security, the Mac has some great features, and you needn't be confused: We explain just what Gatekeeper and app sandboxing are, and what they have to offer. And in case you get jammed up, the book has a whole chapter dedicated to basic troubleshooting and when to call in the experts. That's why we make Mac Basics, the Macworld Superguide dedicated to getting started with all things Mac. There are plenty of manuals and guides that explain every single system feature and setup detail; this book is instead designed to actively get you (or your family member) up and running without making you feel like you're studying a textbook. Our 230-page book has you covered from the first time you turn on your Mac. We walk you through the setup process and transferring any old files you might have; and introduce you to the menus, windows, and places you need to know about to get going. From there, we help you customize Multi-Touch gestures, organize your files, and tweak your preferences. We'll get your Mac suited up with third-party apps and accessories. And you can follow our troubleshooting tips and security suggestions to keep your computer safe and sound. You won't find everything they need to know about the Mac in this book. (That's what Macworld.com is for.) But we hope it can provide you with the tools you'll need and make you excited to learn more. If you are debating the upgrade to Mountain Lion, you might instead consider getting our Total Mountain Lion Superguide, which collects all our top-notch Mountain Lion coverage into one easy-to-read ebook. If you're insistent on staying with Lion or Snow Leopard, there's always our best-selling Total Lion Superguide, and our Snow Leopard version of Mac Basics.

iPad 2 Superguide (Macworld Superguides)Macworld

Since Lion's release, Macworld has published a deluge of Lion news, how-tos, and guides about Apple's newest version of Mac OS. Now, you can get all that information and more in one place with our Total Lion Superguide. Total Lion is the latest in our “Total” Superguide series (following Total Tiger, Total Leopard, and Total Snow Leopard). It covers just about everything you need to know about OS X 10.7 in an information-packed 132-page book. We've taken the best of Macworld's coverage of Lion and distilled it into our Superguide: Read the entirety of Dan Frakes' six-part Lion Installation guide, along with contributions from Macworld staff members Lex Friedman, Dan Moren, Chris Breen, Roman Loyola, Jonathan Seff, and Jackie Dove. In this book, we walk you through everything you need to know about Lion, starting with a comprehensive rundown of all the new features present in this version of Mac OS X. We help you install Lion, troubleshoot any installation woes, and learn how to set up a boot disc or drive. Once you've got Lion up and running, discover how to navigate the new interface by using Multi-Touch gestures, Mission Control, and Launchpad; share files in AirDrop; and control other screens via Screen Sharing. Avoid ever having to manually save documents again with Lion's new Auto Save, Versions, and Resume features. Protect yourself from would-be data thieves by using Apple's FileVault 2 encryption functionality. And finally, find out about tons of new features, big and small, that Apple has added to the OS's included applications. We want to make sure you can read the Total Lion Superguide wherever and whenever you'd like to; as such, we've put the book up for sale in a variety of formats-just choose the one that works best for you.

Whether you've just purchased a new iPhone 5c or 5s or you're coveting one from afar, let the editors at Macworld help you get to know Apple's newest smartphone. Take a tour of the device's exterior and basic features, and learn how to activate a brand new iPhone; discover basic gestures for navigating through apps and home screens; and get acquainted with key features like Siri, Mail, and Maps. Read up on your iPhone's default apps, tweak your settings, and find out how to download more programs from the App Store. And in case you're stumped on how to best outfit your device, we provide suggestions for great iPhone 5s and 5c cases, headphones, speakers, and more.

Macworld iPhone & iPod Touch Superguide, 4th Edition (Macworld Superguides)

Master Apple's free sync service

Enterprise Developer Handbook  
 Digital Asset Management for Photographers

Wolfgang Engel's GPU Pro 360 Guide to Rendering gathers all the cutting-edge information from his previous seven GPU Pro volumes into a convenient single source anthology that covers rendering. This volume is complete with 32 articles by leading programmers that focus on graphics processing units to process and generate rendering in exciting ways. GPU Pro 360 Guide to Rendering is comprised of ready-to-use ideas and efficient procedures that can help solve many rendering programming challenges that may arise.

Each illustrated resource offers visual learners a great beginner's guide to a particular topic, augmenting step-by-step instructions with full-color screen shots.

Automator for Mac OS X 10.6 Snow Leopard: Visual QuickStart Guide uses a combination of task-based instruction and strong visuals to teach intermediate Macintosh users how to automate repetitive, time-consuming tasks with the Automator application that is included with Leopard. Automator comes with many useful automated routines (called actions) preinstalled, for lots of popular applications, that do things like remove empty playlists from iTunes or add attachments to Mac Mail. The real power of Automator lies in mixing and matching these exactly the job you want. They're put together in a string of actions known as a workflow. Author Ben Waldie introduces readers to how Automator works, and then helps them assemble and use Automator workflows.

iOS 7 is a dramatic re-invention of Apple's mobile software that goes beyond mere additions and enhancements: The company is changing the very look of iOS itself. The overhauled design sports flatter icons, less skeuomorphism, and thinner typefaces. That said, you won't be confused if you've used prior versions of iOS: Apple hasn't changed the home screen much, and the basic gestures and interactions are largely the same, with a few new exceptions. This guide packs in everything that's new in iOS 7, how to upgrade, and more.

- Java EE 7 Essentials
- iOS 7 Upgrade Guide
- Everything you need to know about Apple's new iPhones
- Teach Yourself VISUALLY MacBook Pro
- GPU Pro 360 Guide to Rendering

**Mountain Lion (aka OS X 10.8) is now available, and thanks to the Mac App Store, the process of purchasing, obtaining, and installing Mac OS X is faster and easier than ever. Like Lion, getting this version of the OS no longer involves driving to the nearest Apple Store or retailer, or waiting for the FedEx truck to arrive. But the better shape your Mac is in before you install Mountain Lion, the better experience you'll have during and after the upgrade. Allow us to introduce the Mountain Lion Installation Guide. In this book, we cover the requirements for running Apple's newest OS; the things you should do to get your Mac ready; and the purchase and download processes. We walk you through the actual installation; recommend some post-install tasks; discuss some upgrade challenges; and help you decide if a "clean install" is for you. We've also got instructions for creating a bootable Mountain Lion installer disc or drive, as well as for installing Mountain Lion over Snow Leopard (Mac OS X 10.6).**

**Space planning involves much more than sketching a preliminary floor plan. A designer must take a client's programming needs into account and must also consider how other factors such as building codes and environmental factors affect a spatial composition. Space Planning Basics, now in its Third Edition, offers a highly visual, step-by-step approach to developing preliminary floor plans for commercial spaces. The book provides tools for visualizing space and walks the designer through other considerations such as building code requirements and environmental control needs. Specific programming techniques covered include matrices, bubble diagrams, CAD templates, block plans, and more. New to this edition are coverage of the basics of stair design, an essential aspect for planning spaces.**

**For people who work remotely and need to share documents quickly, Dropbox is a program worth a close look. This online service allows interested parties to sync files online and share these files easily by creating shared folders. Users can also control which parties have access to these files, and it can also be used via mobile devices.**

**Solve difficult service-to-service communication challenges around security, observability, routing, and resilience with an Istio-based service mesh. Istio allows you to define these traffic policies as configuration and enforce them consistently without needing any service-code changes. In Istio in Action you will learn: Why and when to use a service mesh Envoy's role in Istio's service mesh Allowing "North-South" traffic into a mesh Fine-grained traffic routing Make your services robust to network failures Gain observability over your system with telemetry "golden signals" How Istio makes your services secure by default Integrate cloud-native applications with legacy workloads such as in VMs Reduce the operational complexity of your microservices with an Istio-powered service mesh! Istio in Action shows you how to implement this powerful new architecture and move your application-networking concerns to a dedicated infrastructure layer. Non-functional concerns stay separate from your application, so your code is easier to understand, maintain, and adapt regardless of programming language. In this practical guide, you'll go hands-on with the full-featured Istio service mesh to manage microservices communication. Helpful diagrams, example configuration, and examples make it easy to understand how to control routing, secure container applications, and monitor network traffic. About the technology Offload complex microservice communication layer challenges to Istio! The industry-standard Istio service mesh radically simplifies security, routing, observability, and other service-to-service communication challenges. With Istio, you use a straightforward declarative configuration style to establish application-level network policies. By separating communication from business logic, your services are easier to write, maintain, and modify. About the book Istio in Action teaches you how to implement an Istio-based service mesh that can handle complex routing scenarios, traffic encryption, authorization, and other common network-related tasks. You'll start by defining a basic service mesh and exploring the data plane with Istio's service proxy, Envoy. Then, you'll dive into core topics like traffic routing and visualization and service-to-service authentication, as you expand your service mesh to workloads on multiple clusters and legacy VMs. What's inside Comprehensive coverage of Istio resources Practical examples to showcase service mesh capabilities Implementation of multi-cluster service meshes How to extend Istio with WebAssembly Traffic routing and observability VM integration into the mesh About the reader For developers, architects, and operations engineers. About the author Christian Posta is a well-known architect, speaker, and contributor. Rinor Maloku is an engineer at Solo.io working on application networking solutions. Table of Contents PART 1 UNDERSTANDING ISTIO 1 Introducing the Istio service mesh 2 First steps with Istio 3 Istio's data plane: The Envoy proxy PART 2 SECURING, OBSERVING, AND CONTROLLING YOUR SERVICE'S NETWORK TRAFFIC 4 Istio gateways: Getting traffic into a cluster 5 Traffic control: Fine-grained traffic routing 6 Resilience: Solving application networking challenges 7 Observability: Understanding the behavior of your services 8 Observability: Visualizing network behavior with Grafana, Jaeger, and Kiali 9 Securing microservice communication PART 3 ISTIO DAY-2 OPERATIONS 10 Troubleshooting the data plane 11 Performance-tuning the control plane PART 4 ISTIO IN YOUR ORGANIZATION 12 Scaling Istio in your organization 13 Incorporating virtual machine workloads into the mesh 14 Extending Istio on the request path**

**iPhone 5s and 5c Starter Guide**

**Space Planning Basics**  
**Apple Interface Mysteries**  
**Mac Gems, 2nd Edition (Macworld Superguides)**  
**Take Control of the Mac Command Line with Terminal**

From the Editors of Macworld, learn how to activate and sync your iPad 2 with ease. Multitask and organize like a pro. Manage your media, be productive, and unleash your creativity. Video chat with friends using FaceTime. Find solutions for common troubleshooting issues. Outfit your device with the latest accessories. Now let the editors at Macworld help you learn everything you need to know about it with our iPad 2 Superguide. The book has something for everyone, whether you're brand-new to the iPad or old hand. This in-depth Superguide covers everything you need know about your iPad's hardware and software, including the latest on iOS 4.3. We also highlight and recommend some great apps and accessories to get you started. In this 181-page book, we provide step-by-step instructions for getting acquainted with your iPad 2. Familiarize yourself with every port, button, and switch on your device with a labeled diagram and descriptions of each. Customize your settings by setting parental controls, changing the behavior of your iPad's side-switch, and creating a data plan (3G-enabled iPads only). Learn about the many multitouch gestures you'll be using to open, close, zoom, and swipe on the 9.7-inch LED-backlit screen. Communicate with others using Mail, Safari, and FaceTime. In addition, we'll show you how to sync and load all your favorite music, movies, television shows, podcasts, apps, and files using iTunes; how to convert any file to work on the iPad; and how to stream your media to a television or other source using AirPlay. Organize your life using the iPad's built-in Calendar, Notes, and Contacts apps, and get the best recommendations for third-party apps to help increase productivity. Discover how to get work done on the iPad using iWork, Google Docs, and Microsoft Office files. Even without a tech support background, it's easy to troubleshoot most simple problems on the iPad. In our Troubleshooting Tips chapter, we give a run-down of common questions plaguing users and the easiest ways to fix them. We'll also share some simple tricks to keep your device up and running, and suggestions for when you need to consult with the experts.

Smart phones are just the beginning . . . A tech exec's New York Times bestselling, groundbreaking analysis of the impact of mobile intelligence. With the perspective of a historian, the precision of a technologist, and the pragmatism of a CEO, Michael J. Saylor of MicroStrategy provides a panoramic view of the future mobile world. He describes how: A Harvard education will be available to anyone with the touch of a screen. Cash will become virtual software and crime proof. Cars, homes, fruit, animals, and more will be tagged so they can tell you about themselves. Buying an item will be as easy as pointing our mobile device to scan and pay. Land and capital will become more of a liability than an asset. Social mobile media will push all businesses to think and act like software companies. Employment will shift as more service-oriented jobs are automated by mobile software. Products, businesses, industries, economies, and even society will be altered forever as the Mobile wave washes over us and changes the landscape. With so much change, The Mobile Wave is a guidebook for individuals, business leaders, and public figures who must navigate the new terrain as mobile intelligence changes everything. "The visionary picture he paints of the future is captivating, informative, and thought-provoking . . . Readers will be able understand and appreciate his clear and engaging exploration of a complex, red-hot, and thoroughly up-to-the minute topic."—USA Today "A thoughtful romp across invention and innovation."—Fortune "A blueprint for impending change and a sober warning for the laggards who resist it."—Forbes.com

iOS 5 has hit the stage, and eager users everywhere are getting ready to upgrade their devices. If you're concerned about the upgrade process, or simply want to know all your setup options before making the big switch, let the editors at Macworld help you upgrade your iPhone, iPod touch, or iPad with this step-by-step guide. Want to upgrade to iOS 5? We lay out which devices will run Apple's newest mobile OS, and how to download and install it. Once you've gotten the software on your iPhone, iPod touch, or iPad, we'll walk you through its marquee features: Master new multitasking gestures on the iPad 2 and explore Notification Center; play with Apple's three new apps, Reminders, Messages, and Newsstand; learn about improvements to Safari, Mail, Camera, Photos, and Game Center; check out the smaller tweaks made to Maps, Calendar, Music, Videos, FaceTime, Weather, and Stocks; and discover what's been done under-the-hood in regards to Twitter integration, new typing tricks, AirPlay mirroring, and Accessibility. If you're confused about Apple's new sync service, iCloud, never fear: Our iOS 5 Upgrade Guide also offers a rundown of the service and each of its features, as well as a step-by-step guide for setting it up on your device. And for those who wish to untether their iOS device from their computer, the guide explains how to take advantage of iOS 5's Wi-Fi Sync and eliminate cord-based backup and information transfer.

Release your inner geek and learn to harness the power of the Unix underpinnings to Mac OS X! This 111-page ebook from Joe Kissell explains everything you need to know to become comfortable working on the command line in Terminal, and provides numerous "recipes" for performing useful tasks that can be tricky in a graphical interface.

Digital Photography, Fourth Edition (Macworld Superguides)

Everything you need to know about Apple's newest operating system

Dropbox in 30 Minutes

PC World

Everything you need to know about Apple's newest mobile operating system

Research digital cameras and accessories. Improve your photography workflow. Manage images on your Mac or on the go. Edit and tweak your pictures to perfection. Print, share, and display photos to the world. Protect your images from disaster. For all the work camera companies have put into making their cameras as easy to use as possible, many people still find the process of getting a good shot shrouded in mystery. Add in the camera capabilities of most modern smartphones, and it's easy to get quickly overwhelmed by all the possibilities. Enter Macworld's Digital Photography Superguide, fourth edition, for all your photographic needs. While Macworld regularly features photography tips and how-to articles, we know that digging back through all of those stories can be a hassle, if not impossible. For readers who want all the information in one place, we're pleased to present our Digital Photography Superguide. In the fourth edition of our popular photography book, we offer the latest advice on buying a new camera; getting great shots; managing and editing your growing photo library with desktop applications like iPhoto '11, Aperture, and Photoshop Elements; and much more. We've even included a special section on iPhone photography for any budding iPhone-ographers out there. The information has been updated and expanded to cover all the latest developments in digital photography, and we've organized it in this easy-to-follow guide for beginners and pros alike. In this 196-page book, you'll learn about the entire photography process: We'll walk you through purchasing the digital camera that's right for you; shooting in difficult situations; importing photos quickly and safely; managing your image collection by adding valuable information like names, locations, and ratings; and sharing your photographs with the world by taking advantage of both print products and online services. We'll also explain how to protect your photos from hard-drive disasters. If you've been wishing you knew more about your camera, or you feel overwhelmed by your photo library and aren't sure where to turn, this book can help.

Get savvy advice and hip tips on using Apple TV The Portable Genius series is all about getting the most from your Apple-inspired digital lifestyle and the popular and inexpensive Apple TV is no exception. With this helpful guide, you'll find important basics on how to stream Internet content from Netflix, Hulu Plus, YouTube, and iTunes. In addition, you'll learn how Apple TV fully integrates with both iOS and OS X and acts as a media hub for viewing content from the iPad, iPhone, iPod, and Mac via an HDTV. Covering everything from simply connecting the device to a home entertainment system through setting up accounts and finding content, this handy resource is packed with tips and tricks that are all aimed at helping you get the most from your Apple TV. Offers little-known tips and tricks for streaming movies from popular services to your Apple TV as well as using Apple TV as a media hub Features detailed guidance on wirelessly connecting to personal computers and tablets Highlights ways in which you can take full advantage of AirPlay and iCloud to stream and share content from your computer or iOS device Small and portable, Apple TV Portable Genius is packed with tips and techniques about the things you most want to know about your Apple TV.

A guide to using a Mac covers such topics as connecting devices, playing and organizing music, viewing and editing photos, creating a movie, using Safari, working with an iCloud account, and networking.

- The Macintosh Magazine
- iPhone 4S Superguide (Macworld Superguides)
- Macworld
- Adobe PageMaker 6.5
- iPad Superguide, Third Edition (Macworld Superguides)