

## Mastering Documentation

*The complete guide for streamlining and improving nursing documentation for virtually every system. Nurses will find instructions for virtually every common and not-so-common charting method. From progress notes to protocols, there is a wealth of easy-to-follow examples throughout the book. Includes JCAHO-approved nursing abbreviations, ANA standards of practice, and JCAHO and Medicare guidelines for nursing documentation.*

*Unleash the full potential of ServiceNow from foundations to advanced functions, with this hands-on expert guide fully revised for the Helsinki version About This Book Give your ServiceNow Helsinki implementation a powerful kick-start by understanding the deep capabilities of the platform, Learn by doing with an extended, comprehensive example, creating a feature-rich, secure and automated application from the ground up Interact with your whole organization by integrating with REST web services and build a custom Service Portal interface Who This Book Is For This book is aimed at advanced ServiceNow System Administrators and developers who would like to gain greater control of ServiceNow and its architecture. The book expects you to be new to ServiceNow, but have a good grounding in internet and computing technologies, like HTML, JSON, REST and database systems. Readers should be especially familiar with JavaScript, and be keen to extend and alter the platform. With this book, they will be able to develop a new application for their company. What You Will Learn Build custom scoped applications that access the full ServiceNow API Build a modern, responsive self-service interface with Service Portal Design feature-rich, responsive, automated workflow systems Design powerful data-driven applications Control information flow and apply business logic with Business Rules Write efficient and effective client-side JavaScript Learn how to authenticate and secure Web Services Integrate and exchange data with people and systems Create and secure your systems with proper access control In Detail ServiceNow is a SaaS application that provides workflow form-based applications. It is an ideal platform for creating enterprise-level applications giving requesters and fulfillers improved visibility and access to a process. ServiceNow-based applications often replace email by providing a better way to get work done. The book steps through the main aspects of the ServiceNow platform, from the ground up. It starts by exploring the core architecture of ServiceNow, including building the right data structure. To add business logic and control data, and interactivity to user interaction, you will be shown how to code on both server and the client. You will then learn more about the power of tasks, events and notifications. The book will then focus on using web services and other mechanisms to integrate ServiceNow with other systems. Furthermore, you will learn how to secure applications and data, and understand how ServiceNow performs logging and error reporting. You will then be shown how to package your applications and changes, so they can be installed elsewhere and ways to maintain them easily. If you wish to create an alternative simple interface, then explore ways to make ServiceNow beautiful using Service Portal. By the end of the book, you will know the fundamentals of the ServiceNow platform, helping you be a better ServiceNow System Administrator or developer. Style and approach Explore how to implement business logic and automated workflows and write effective code by flexible choices for client-side scripting*

*Learn everything you need to take full control of your workflow with Git with this curated Learning Path – dive in and transform the way you work About This Book Master all the basic concepts of Git to protect your code and make it easier to evolve Filled with practical recipes that will teach you how to use the most advanced features of the Git system Harness the full power of the Git version control system to customize Git behavior, manipulate history, integrate external tools, and explore platform shortcuts Who This Book Is For This learning path is for software developers who want to become proficient at using the Git version control system. A basic understanding of any version control system would be beneficial. What You Will Learn Transport your work to a remote repository in a centralized manner Experiment with your code without affecting functional code files Explore some tools used to migrate to Git from other versioning systems without losing your development history Understand the Git data model and how you can navigate the database with simple commands Debug with Git and use various techniques to find faulty commits Customize Git behavior system-wide, on a per-user, per-repository, and per-file basis Master administering and setting up Git repositories, configuring access, finding and recovering from repository errors, and performing repository maintenance Chose a workflow and configure/set up support for the chosen workflow In Detail Git is one of the most popular types of Distributed Version Control System. Since its inception, it has attracted skilled developers due to its robust, powerful, and reliable features. Like most powerful tools, Git can be hard to approach for the newcomers. However, this learning path will help you overcome this fear and become adept at all the basic and advanced tasks in Git. This course starts with an introduction to version control systems before you delve deeply into the essentials of Git. This serves as a primer for the topics to follow such as branching and merging, creating and managing a GitHub personal repository, and fork and pull requests. You'll also learn how to migrate from SVN using Git tools or TortoiseGit and migrate from other VCSs, concluding with a collection of resources, links, and appendices. As you progress on to the next module, you will learn how you can automate the usual Git processes by utilizing the hook system built into Git. It also covers advanced repository management, including different options to rewrite the history of a Git repository before you discover how you can work offline with Git, how to track what is going on behind the scenes, and how to use the stash for different purposes. Moving forward, you will gain deeper insights into Git's architecture, its underlying concepts, behavior, and best practices. It gives a quick implementation example of using Git for a collaborative development of a sample project to establish the foundation knowledge of Git operational tasks and concepts. By exploring advanced Git practices, you will attain a deeper understanding of Git's behavior, allowing you to customize and extend existing recipes and write your own. This Learning Path is a blend of content, all packaged up keeping your journey in mind. It includes content from the following Packt products: Git Essentials, Ferdinando Santacroce Git Version Control Cookbook, Aske Olsson and Rasmus Voss Mastering Git, Jakub Narebski Style and approach Its step-by-step approach with useful information makes this course the ultimate guide to understanding and mastering Git. This course will show the road to mastery example by example, while also explaining the mental model of Git.*

*The Autodesk-endorsed guide to real-world Revit Architecture mastery Mastering Autodesk Revit Architecture 2016 provides focused discussions, detailed exercises, and compelling, real-world examples to help you get the most out of the Revit Architecture 2016 software. Information is organized to reflect the way you learn and implement Revit, featuring real-world workflows, in-depth explanations, and practical tutorials that help you understand Revit and BIM concepts so you can quickly start accomplishing vital tasks. The thorough coverage makes this book an ideal study guide for those preparing for Autodesk's certification exam. The companion website features before-and-after tutorials, additional advanced content, and video on crucial techniques to help you quickly master important tasks. This comprehensive guide walks you through the software to help you begin designing quickly. Understand basic BIM concepts and the Revit interface Explore templates, work-sharing, and project management workflows Learn modeling, massing, and visualization techniques for other industries Work with complex structures, annotation, detailing, and much more To master what is quickly becoming an essential industry tool, Mastering Revit Architecture 2016 is your ultimate practical companion.*

*Mastering Genealogical Proof*

*Mastering Python for Web*

*Mastering Documentation*

*Mastering Document Analysis*

*Mastering Revit Architecture 2009*

*"The first port of call for anyone looking to truly understand derivatives markets, appreciate the role they play within the global financial system and develop the technical knowledge to trade." Matthew Thompson, Chief Strategy & Business Development Officer, Dubai Mercantile Exchange "An essential read for anyone serious about understanding the impact of derivatives and technology on the global financial market." Kevin Thorogood, Global Head, Investment Banking/Energy Trading, Thunderhead Ltd "We have used Francesca for training on derivatives in the past. She demonstrates a passion for these markets and for learning. In a fast changing world, the combination of technical learning and practical experience that Francesca applies is helpful in keeping abreast of market developments." Rachael Hoey, Director, Business Development, CLS YOUR ESSENTIAL COMPANION TO THE DERIVATIVES MARKETS Mastering Derivatives Markets provides full up-to-the-minute explanations — with worked examples and screen shots — covering the basics of options, swaps and futures across the key asset classes: rates, currency, equity, commodity and credit. This book is relevant to anyone working within the financial markets, from the new entrant to the seasoned trader looking for updates, and to non-trading personnel working in IT, legal, compliance, risk, credit and operations. Please note that the 'look inside' feature is currently displaying the content of Mastering Derivatives Markets Third Edition, this will be updated soon. Mastering Derivatives Markets Fourth Edition has been completely revised and features new chapters on: The most up to date thinking in the market OTC clearing Regulation Benchmarking Electronic futures trading in the FX market New insights into the commodities markets Carbon trading and environmental products*

*Get up and running on Autodesk Revit MEP 2016 with this detailed, hands-on guide Mastering Autodesk Revit MEP 2016 provides perfectly paced coverage of all core concepts and functionality, with tips, tricks, and hands-on exercises that help you optimize productivity. With a focus on real-world uses and workflows, this detailed reference explains Revit MEP tools and functionality in the context of professional design and provides the practical insight that can only come from years of experience. Coverage includes project setup, work sharing, building loads, ductwork, electrical and plumbing, and much more, with clear explanation every step of the way. The companion website features downloadable tutorials that reinforce the material presented, allowing you to jump in at any point and compare your work to the pros. This is your guide to master the capabilities of this essential productivity-enhancing tool. Generate schedules that show quantities, materials, design dependencies, and more Evaluate building loads, and design logical air, water, and fire protection systems Create comprehensive electrical and plumbing plans tailored to the project Model your design with custom parameters, symbols, fixtures, devices, and more If you're ready to get on board this emerging design, collaboration, and documentation paradigm, Mastering Autodesk Revit MEP 2016 is the one-stop resource you need.*

*Historical documents are more than just windows into the past; they're also standard fare for pretty much every history course. MDA gives you a simple 3-step approach so you can extract information, develop a contextual understanding, and assess sources as historical evidence. Individual lessons provide guided examples for every type of primary and secondary source, including letters, speeches, memoirs, charts, photographs, poetry, textbooks, fiction, political cartoons, newspapers, and more.*

*R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufté handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.*

*Mastering Autodesk Revit Architecture 2016*

*Mastering Ethereum*

*Mastering Autodesk Revit Architecture 2011*

*Git: Mastering Version Control*

*A Framework for Strategizing and Defining Project Objectives and Deliverables*

Master the Shiny web framework—and take your R skills to a whole new level. By letting you move beyond static reports, Shiny helps you create fully interactive web apps for data analyses. Users will be able to jump between datasets, explore different subsets or facets of the data, run models with parameter values of their choosing, customize visualizations, and much more. Hadley Wickham from RStudio shows data scientists, data analysts, statisticians, and scientific researchers with no knowledge of HTML, CSS, or JavaScript how to create rich web apps from R. This in-depth guide provides a learning path that you can follow with confidence, as you go from a Shiny beginner to an expert developer who can write large, complex apps that are maintainable and performant. Get started: Discover how the major pieces of a Shiny app fit together Put Shiny in action: Explore Shiny functionality with a focus on code samples, example apps, and useful techniques Master reactivity: Go deep into the theory and practice of reactive programming and examine reactive graph components Apply best practices: Examine useful techniques for making your Shiny apps work well in production

**MASTERING COMPETENCIES IN FAMILY THERAPY: A PRACTICAL APPROACH TO THEORY AND CLINICAL CASE DOCUMENTATION**, 3rd Edition enables faculty to easily measure clinical competencies as required by accrediting bodies for counseling, family therapy, psychology, and social work. Using an inviting and engaging tone, Diane R. Gehart introduces students to family therapy theories using real-world clinical forms, which are incorporated into the text. Diversity and research considerations are integrated into theoretical discussions and practical applications to facilitate a more holistic understanding of couple and family therapy. Updated throughout, this edition includes new and revised treatment forms; a new model based on the work of Karl Tomm that facilitates cross-theoretical comparison; coverage of two new theories (integrative behavioral couple's theory, a leading evidence-based treatment; and intensive structural therapy); and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Master the techniques and sophisticated analytics used to construct Spark-based solutions that scale to deliver production-grade data science products About This Book Develop and apply advanced analytical techniques with Spark Learn how to tell a compelling story with data science using Spark's ecosystem Explore data at scale and work with cutting edge data science methods Who This Book Is For This book is for those who have beginner-level familiarity with the Spark architecture and data science applications, especially those who are looking for a challenge and want to learn cutting edge techniques. This book assumes working knowledge of data science, common machine learning methods, and popular data science tools, and assumes you have previously run proof of concept studies and built prototypes. What You Will Learn Learn the design patterns that integrate Spark into industrialized data science pipelines See how commercial data scientists design scalable code and reusable code for data science services Explore cutting edge data science methods so that you can study trends and causality Discover advanced programming techniques using RDD and the DataFrame and Dataset APIs Find out how Spark can be used as a universal ingestion engine tool and as a web scraper Practice the implementation of advanced topics in graph processing, such as community detection and contact chaining Get to know the best practices when performing Extended Exploratory Data Analysis, commonly used in commercial data science teams Study advanced Spark concepts, solution design patterns, and integration architectures Demonstrate powerful data science pipelines In Detail Data science seeks to transform the world using data, and this is typically achieved through disrupting and changing real processes in real industries. In order to operate at this level you need to build data science solutions of substance –solutions that solve real problems. Spark has emerged as the big data platform of choice for data scientists due to its speed, scalability, and easy-to-use APIs. This book deep dives into using Spark to deliver production-grade data science solutions. This process is demonstrated by exploring the construction of a sophisticated global news analysis service that uses Spark to generate continuous geopolitical and current affairs insights.You will learn all about the core Spark APIs and take a comprehensive tour of advanced libraries, including Spark SQL, Spark Streaming, MLlib, and more. You will be introduced to advanced techniques and methods that will help you to construct commercial-grade data products. Focusing on a sequence of tutorials that deliver a working news intelligence service, you will learn about advanced Spark architectures, how to work with geographic data in Spark, and how to tune Spark algorithms so they scale linearly. Style and approach This is an advanced guide for those with beginner-level familiarity with the Spark architecture and working with Data Science applications. Mastering Spark for Data Science is a practical tutorial that uses core Spark APIs and takes a deep dive into advanced libraries including: Spark SQL, visual streaming, and MLlib. This book expands on titles like: Machine Learning with Spark and Learning Spark. It is the next learning curve for those comfortable with Spark and looking to improve their skills.

Securities lending master agreements are vital for covering securities loans between contracting parties. They also offer legal and credit protection and a close-out netting procedure if a party defaults or goes bankrupt. These agreements are widely used by banks, securities houses, pension funds, hedge funds and insurance companies. Mastering Securities Lending Documentation is a practical guide to understanding the negotiation of these master agreements used in the United Kingdom, United States and Europe. It is an essential handbook for anyone involved in negotiating these agreements and includes: An introduction to the history and operations of the market A clear, user-friendly explanation of all paragraphs of the master agreements An easy-to use split page format with the original text and commentary Examples of commonly negotiated additions and amendments and their implications Answers to legal, risk and operational questions

*Mastering Autodesk Revit 2018*

*Mastering SQL Server 2005 Reporting Services Infrastructure Design*

*Master the art of deploying, configuring, managing, and troubleshooting Ubuntu Server 18.04, 2nd Edition*

*Mastering Ubuntu Server*

*Mastering Python*

A timely updating of the only accessible single volume guide to the ISDA Credit Support Annexes, sanctioned under English and US law. The Annexes collateralise or secure over the counter derivatives risk exposure. This is the companion book to Mastering the ISDA Master Agreements, now in its third edition. First published in 2002, the book is a guide to negotiation of the two main ISDA Credit Support Annexes which are used to support the ISDA Master Agreements. The ISDA Credit Support Annexes are the main support documents which relate to collateralised or secure over the counter derivatives risk exposure. This book covers collateral management from an operational perspective and focuses on the two main ISDA Credit Support Documents. It provides a clear concise narrative on their provisions and amendments

A "one stop shop" for a detailed introduction to collateral management and documentation, giving the reader a thorough grounding in the subject.

Start pulling the strings of your IT infrastructure effectively with Puppet ▯ learn how to configure, customize and manage your systems more intelligently in an enterprise deployment. About This Book Step-by-step instructions to jump start your Puppet deployment and automate your IT configurations Design, implement, and deploy Puppet in your infrastructure and tackle everyday IT infrastructure challenges Gain expert understanding of Puppet's latest and most advanced features Who This Book Is For If you're an experienced IT professional and a new Puppet user, this course will provide you with all you need to know to go from installation to advanced automation. What You Will Learn Write and employ individual Puppet manifests Understand how Puppet implements system abstraction Use Puppet to manage network, cloud, and virtualization devices Manage and test the Puppet code workflow Tweak, hack, and adapt the Puppet extension points Use exported resources to orchestrate change between machines Debug a puppetserver using Java techniques In Detail Puppet is a configuration management tool that allows you to automate all your IT configurations, giving you

control. It was written for and by system administrators to manage large numbers of systems efficiently and prevent configuration drifts. Puppet gives you control of what you do to each node, when you do it, and how you do it.This Learning Path will take you from the basics of Puppet to extending it and then mastering it. We will start off with a primer on Puppet, its installation and get a sneak peek under its hood. We will then move on to designing and deploying your Puppet architecture, learning best practices for writing reusable and maintainable code, and executing, testing, and deploying Puppet across your systems. Finally, we will deal with problems of scale and exceptions in your code, automate workflows, and support multiple developers working simultaneously.This course is based on the following books: Puppet 4 Essentials - Second Edition Extending Puppet - Second Edition Mastering Puppet - Second Edition Style and approach This learning path follows a practical approach, starting from the basic commands to advanced aspects. Through a series of examples you will learn the most important skills essential to manage your IT infrastructure effectively. Ethereum represents the gateway to a worldwide, decentralized computing paradigm. This platform enables you to run decentralized applications (DApps) and smart contracts that have no central points of failure or control, integrate with a payment network, and operate on an open blockchain. With this practical guide, Andreas M. Antonopoulos and Gavin Wood provide everything you need to know about building smart contracts and DApps on Ethereum and other virtual-machine blockchains. Discover why IBM, Microsoft, NASDAQ, and hundreds of other organizations are experimenting with Ethereum. This essential guide shows you how to develop the skills necessary to be an innovator in this growing and exciting new industry. Run an Ethereum client, create and transmit basic transactions, and program smart contracts Learn the essentials of public key cryptography, hashes, and digital signatures Understand how "wallets" hold digital keys that control funds and smart contracts Interact with Ethereum clients programmatically using JavaScript libraries and Remote Procedure Call interfaces Learn security best practices, design patterns, and anti-patterns with real-world examples Create tokens that represent assets, shares, votes, or access control rights Build decentralized applications using multiple peer-to-peer (P2P) components

Mastering Microsoft SharePoint Foundation 2010

Mastering Derivatives Markets

Building Smart Contracts and DApps

Mastering Import & Export Management

A Step-by-Step Guide to the Products, Applications and Risks

*Get to grips with the advanced concepts of interactive computing to make the most out of IPython About This Book Most updated book on Interactive computing with IPython 4.0; Detailed, example-rich guide that lets you use the most advanced level interactive programming with IPython; Get flexible interactive programming with IPython using this comprehensive guide Who This Book Is For This book is for IPython developers who want to make the most of IPython and perform advanced scientific computing with IPython utilizing the ease of interactive computing. It is ideal for users who wish to learn about the interactive and parallel computing properties of IPython 4.0, along with its integration with third-party tools and concepts such as testing and documenting results. What You Will Learn Develop skills to use IPython for high performance computing (HPC) Understand the IPython interactive shell Use XeroMQ and MPI to pass messages Integrate third-party tools like R, Julia, and JavaScript with IPython Visualize the data Acquire knowledge to test and document the data Get to grips with the recent developments in the Jupyter notebook system In Detail IPython is an interactive computational environment in which you can combine code execution, rich text, mathematics, plots, and rich media. This book will get IPython developers up to date with the latest advancements in IPython and dive deep into interactive computing with IPython. This an advanced guide on interactive and parallel computing with IPython will explore advanced visualizations and high-performance computing with IPython in detail. You will quickly brush up your knowledge of IPython kernels and wrapper kernels, then we'll move to advanced concepts such as testing, Sphinx, JS events, interactive work, and the ZMQ cluster. The book will cover topics such as IPython Console Lexer, advanced configuration, and third-party tools. By the end of this book, you will be able to use IPython for interactive and parallel computing in a high-performance computing environment. Style and approach This is a comprehensive guide to IPython for interactive, exploratory and parallel computing. It will let the IPython get up to date with the latest advancements in IPython and dive deeper into interactive computing with IPython*

*The Ultimate Guide to Autodesk Revit Architecture 2015 Responding to reader and instructor feedback, the expert author team updated and refreshed the book's content to make it even more useful, complete, and approachable. Mastering Revit Architecture is organized by real-world workflows and features detailed explanations, interesting real-world examples, and practical tutorials to help readers understand Revit and BIM concepts so that they can quickly start accomplishing vital Revit tasks. Part I discusses key BIM and Revit concepts before giving readers a hands-on look at the Revit interface. Part II explores today's Revit workflows and introduces readers to templates, worksharing, and managing Revit projects. Part III dives into modeling and massing and offers detailed information on the crucial Family Editor as well as visualization techniques for various industries. Part IV covers documentation, including annotation and detailing, and explains how to work with complex walls, roofs and floors as well as curtain walls and advanced stair and railings. The companion website features before-and-after tutorial files (metric and Imperial sets), additional advanced content, and an hour of video on crucial techniques. Whether you are a beginner or an advanced Revit user, this book offers the detailed instruction you need to get the most out of this powerful software product.*

*Here is the definitive guide to supply chain management in the post-9/11 world, intensively researched and painstakingly written by one of the leading experts in the field.Before the terrorist attacks that destroyed New York's World Trade Center in 2001, managing the import/export supply chain was ""complicated, convoluted, and difficult"" enough, as Tom Cook observes. Since then, new security and compliance requirements have come into play. Some of these mandates are still evolving, and some pose special challenges for smaller exporters. To remain competitive, companies of all sizes must understand the changes, anticipate new directions, and keep the costs of compliance and security in balance. This book provides the timely and practical information necessary to meet those goals.As a supply chain professional or executive involved in global trade, you can rely on Mastering Import and Export Management to help you:
\* Identify the risks. Learn to use creative financing as a marketing tool... spot potential exposures in new markets... avoid the major pitfalls of international freight shipments. Gain entry into world markets.\* Determine how your products and services can best compete globally... structure an effective export program... understand key distributionlogistics and foreign tax considerations.\* Meet sales and service demands. Recognize the factors involved in global customer service... negotiate problems the right way... leverage the benefits of third-party logistics... apply quality control procedures... control the terms of sale.\* Deal with freight and logistics issues. Reduce costs... negotiate better rates... get the best service contracts... assess the value of using consolidators.\*Handle specialty issues. Learn the ins and outs of shipping equipment overseas for temporary use... ship perishable freight safely... evaluate air versus ocean shipping ... deal with strikes... observe key practices if you're in the entertainment or communications industry.\* Finesse your documentation. Utilize INCO terms correctly... avoid documentation obstacles... navigate the demands of the Harmonize Tariff Schedule of the U.S. (HTSUS), Bureau of Export Administration (BXA), Federal Maritime Commission (FMC), Automated Export System (AES)... learn when and how to use the SED.\* Learn about importing if you export only. Be prepared to handle returns and repairs... select the right customhouse broker... get familiar with ""drawback.""\* Become finance-savvy. Identify banking and credioptions... manage letters of credit.\* Control cargo loss. Learn the science and art of properly packing for transit... minimize losses in transporting bulk liquids, pulp, and paper... understand the variables of containerization, sea, and air shipping.\* Manage risk. Insure against physical, political, and credit risk... learn the liability basics... get more from your marine insurance... be aware of recently beefed-up air regulations.\* Leverage technology. Automate key documentation... track and trace more accurately... know what to expect from your EDI carrier.\* Understand geographic demands. Familiarize yourself with the idiosyncrasies of doing business under NAFTA and in the European Community, Eastern Europe, the former Soviet Union, Russia, Mexico, and Brazil.\* Deploy global staff cost-effectively. Develop networking channels... understand the landed cost... attract quality personnel.\* Obtain export assistance. Make the most of such resources as Chambers of Commerce, state governments, world trade centers, commercial banks, and others.\* Gain the benefits of duty-free work areas. Explore the possibilities inherent in free trade zones (FTZs) and custom bonded warehouses.More than 200 pages of sample forms, tariff schedules, and other vital materials enhance this invaluable and authoritative volume. If you are running an import and/or export operation of any scale, you can't afford to be without it." "*

*Provides guidance for all skill levels to learn how to perform tasks using Autodesk Revit for Architecture.*

Mastering Project Management Integration and Scope

Mastering Microsoft Exchange Server 2007 SP1

The Definitive Guide

Mastering the ISDA Collateral Documents

Mastering Shiny

Create advanced applications with Python and OpenCV, exploring the potential of facial recognition, machine learning, deep learning, web computing and augmented reality. Key Features Develop your computer vision skills by mastering algorithms in Open Source Computer Vision 4 (OpenCV 4) and Python Apply machine learning and deep learning techniques with TensorFlow and Keras Discover the modern design patterns you should avoid when developing efficient computer vision applications Book Description OpenCV is considered to be one of the best open source computer vision and machine learning software libraries. It helps developers build complete projects in relation to image processing, motion detection, or image segmentation, among many others. OpenCV for Python enables you to run computer vision algorithms smoothly in real time, combining the best of the OpenCV C++ API and the Python language. In this book, you'll get started by setting up OpenCV and delving into the key concepts of computer vision. You'll then proceed to study more advanced concepts and discover the full potential of OpenCV. The book will also introduce you to the creation of advanced applications using Python and OpenCV, enabling you to develop applications that include facial recognition, target tracking, or augmented reality. Next, you'll learn machine learning techniques and concepts, understand how to apply them in real-world examples, and also explore their benefits, including real-time data production and faster data processing. You'll also discover how to translate the functionality provided by OpenCV into optimized application code projects using Python bindings. Toward the concluding chapters, you'll explore the application of artificial intelligence and deep learning techniques using the popular Python libraries TensorFlow, and Keras. By the end of this book, you'll be able to develop advanced computer vision applications to meet your customers' demands. What you will learn Handle files and images, and explore various image processing techniques Explore image transformations, including translation, resizing, and cropping Gain insights into building histograms Brush up on contour detection, filtering, and drawing Work with Augmented Reality to build marker-based and markerless applications Work with the main machine learning algorithms in OpenCV Explore the deep learning Python libraries and OpenCV deep learning capabilities Create computer vision and deep learning web applications Who this book is for This book is designed for computer vision developers, engineers, and researchers who want to develop modern computer vision applications. Basic experience of OpenCV and Python programming is a must.

Move beyond the basics of Revit and BIM and redefine your designs with this new edition of Mastering Revit Architecture. With updated coverage of Revit Architecture 2009 features, this comprehensive guide will help you discover best practices and tips that will make your projects smoother and their implementation easier. You'll learn how applying key Revit and BIM principles to your designs will increase your productivity and improve your workflow plus develop a more thorough understanding of topics like design options and features, advanced modeling, and presentation techniques with the clear explanations and practical examples found in this book. For Instructors: Teaching supplements are available for this title.

Python for Web Python definitely tops the charts when it comes to ease of use and beginner-friendly learning curve in the world of programming languages. At the same time, Python is essential when it comes to writing system scripts, processing big data, performing mathematical computations, creating web applications, and rapid prototyping. With this Mastering edition, we have focused especially on the usage of Python for Web. This book explores Python programming fundamentals with interactive projects and introduces core coding concepts and the basics of Python-based web development. The reader should be ready to dive deep into the world of Python for web development in no time. Since Python positions itself in web development as a back-end language, it is usually mixed with another front-end language to build a whole website. At the same time, reasons for using Python in web development are many: it is a flexible, versatile, and highly efficient programming language with dynamic typing capacity. This book helps readers to examine Python's key back-end/front-end programming techniques and guides them through implementing them when creating professional projects. Furthermore, it also focuses on teaching readers how to solve common problems and developing web services with Python frameworks such as Django and Flask. Mastering Python for Web has a goal more ambitious than simply teaching you the ropes - it aims to help you embrace and master problem solving, which could be viewed as the single most crucial skill for a coder. It offers you a focal point on starting as a beginner and growing into an expert by putting your newly acquired knowledge into practice. Programming is a hands-on skill, and this particular book helps you put your skills to test with easy-to-grasp tasks and examples. Learn more about our other Mastering titles at: <https://www.routledge.com/Mastering-Computer-Science/book-series/MCS>

Autodesk Inventor was introduced in 1999 as an ambitious 3D parametric modeler based not on the familiar AutoCAD programming architecture but instead on a separate foundation that would provide the room needed to grow into the fully featured modeler it now is almost a decade later. Inventor 2009 marks a change of focus in the development of Inventor from an up-and-coming application to the current release with the inclusion of the design accelerator wizards and with refined core functions. The maturity of the Inventor tools happily coincides with the advancement of the CAD market's adoption of 3D parametric modelers as a primary design tool. And although it is important to understand that 2D CAD will likely never completely disappear from the majority of manufacturing design departments, 3D design will increasingly become a requirement for most. With this in mind, we have set out to fill the following pages with detailed information on the specifics of the tools, while addressing the principles of sound parametric design techniques.

R Markdown

A Practical Guide for Negotiators

Mastering Autodesk Revit Architecture 2015

Mastering Securities Lending Documentation

Mastering Competencies in Family Therapy: A Practical Approach to Theory and Clinical Case Documentation

Reporting Services is a powerful tool for SQL Server 2005 database administrators, developers, and other IT professionals, enabling them to make sense of the immense amount of data generated by enterprises of all sizes Shows readers how to create, manage, and distribute information as well as how to design, produce, and distribute reports that meet the needs of the stakeholder Contains practical insights and real-world solutions not found in other books Bridges the gap between those who manage data and those who need it

The best-selling Revit guide, now more complete than ever with all-new coverage on the 2020 release Mastering Autodesk Revit 2020 is packed with focused discussions, detailed exercises, and real-world examples to help you get up to speed quickly on the latest version of Autodesk Revit. Organized according to how you learn and implement the software, this book provides expert guidance for all skill levels. Hands-on tutorials allow you to dive right in and start accomplishing vital tasks, while compelling examples illustrate how Revit for Architecture is used in every project. Available online downloads include before-and-after tutorial files and additional advanced content to help you quickly master this powerful software. From basic interface topics to advanced visualization techniques and documentation, this invaluable guide is your ideal companion through the Revit workflow. Whether you're preparing for Autodesk certification exams or just want to become more productive with the architectural design software, practical exercises and expert instruction will get you where you need to be. Understand key BIM and Revit concepts and master the Revit interface Delve into templates, work-sharing, and managing Revit projects Master modeling and massing, the Family Editor, and visualization techniques Explore documentation, including annotation, detailing, and complex structures BIM software has become a mandatory asset in today's architecture field; automated documentation updates reduce errors while saving time and money, and Autodesk's Revit is the industry leader in the BIM software space.

Mastering Project Management Integration and Scope gives managers powerful insights and tools for addressing the most crucial success factor in any project: completely and accurately defining project objectives and deliverables, and transforming your definitions into effective requirements and an integrated project plan. This book is part of a new series of six cutting-edge project management guides for both working practitioners and students. Like all books in this series, it offers deep practical insight into the successful design, management, and control of complex modern projects. Using real case studies and proven applications, expert authors show how multiple functions and disciplines can and must be integrated to achieve a successful outcome. Individually, these books focus on realistic, actionable solutions, not theory. Together, they provide comprehensive guidance for working project managers at all levels, as well as indispensable knowledge for anyone pursuing PMI/PMBOK certification or other accreditation in the field.

Everyone tracing a family's history faces a dilemma. We strive to reconstruct relationships and lives of people we cannot see, but if we cannot see them, how do we know we have portrayed them accurately? The genealogical proof standard aims to help researchers, students, and new family historians address this dilemma and apply respected standards for acceptable conclusions.

Mastering Autodesk Revit MEP 2016

With Document Masters for Systems Development, Control, and Delivery

A Beginner's Guide

Mastering Autodesk Revit 2020

Mastering Genealogical Documentation

No matter where you work, you'll find everything you need for fast, accurate, and safe documentation.

Revit Architecture has revolutionized how architects design, develop, and deliver projects—and now you can join the revolution with this expert guide. Authored by a team of Revit aficionados and experts, this in-depth book uses clear explanations, detailed tutorials, and practical examples to show you how to best implement Revit in the real world. Starting with a firm and Building Information Modeling (BIM), you'll move quickly into setting up and customizing your Revit tools, preparing your office/project templates and settings, creating your library of components, and much more.

This provides an essential guide to designing, writing, and maintaining effective documentation throughout the project life cycle. Includes aids to tailoring documentation to specific audiences.

Get up-to-date with the finer points of Ubuntu Server using this comprehensive guide Key Features A practical easy-to-understand book that will teach you how to deploy, maintain and troubleshoot Ubuntu Server Get well-versed with newly-added features in Ubuntu 18.04. Learn to manage cutting-edge technologies such as virtualization, containers, Nextcloud and OpenStack on Ubuntu Server has taken the data centers by storm. Whether you're deploying Ubuntu for a large-scale project or for a small office, it is a stable, customizable, and powerful Linux distribution that leads the way with innovative and cutting-edge features. For both simple and complex server deployments, Ubuntu's flexible nature can be easily adapted to meet to the needs of your business. As your guide, you will learn all about Ubuntu Server, from initial deployment to creating production-ready resources for your network. The book begins with the concept of user management, group management, and filesystem permissions. Continuing into managing storage volumes, you will learn how to format storage devices, utilize logical volume management, and manage LVM. You will also learn how to manage network storage. Finally, you will learn how you will learn how to virtualize hosts and applications, which will cover setting up KVM/QEMU, as well as containerization with both Docker and LXD. As the book continues, you will learn how to automate configuration with Ansible, as well as take a look at writing scripts. Lastly, you will explore best practices and troubleshooting techniques when working with Ubuntu Server in real-world scenarios. By the end of the book, you will be an expert Ubuntu Server administrator who is well-versed in its advanced concepts. What you will learn Manage users, groups, and permissions Encrypt and decrypt disks with Linux Unified Key Setup (LUKS) Set up SSH for remote access, and connect it to other nodes Add, remove, and search for packages Update system and software directories with other users Get to know techniques for managing Apache and MariaDB Explore best practices and troubleshooting techniques Get familiar with scripting Automate server deployments with Ansible Who this book is for This book is intended for readers with intermediate or advanced-beginner skills with Linux, who would like to learn all about setting up and managing Ubuntu Server. This book assumes that the reader knows the basics of Linux, such as editing configuration files and running basic commands.

Mastering Autodesk Inventor 2020

Autodesk Official Press

Mastering Revit Architecture 2008

Puppet: Mastering Infrastructure Automation

Master the art of writing beautiful and powerful Python by using all of the features that Python 3.5 offers About This Book Become familiar with the most important and advanced parts of the Python code style Learn the trickier aspects of Python and put it in a structured context for deeper understanding of the language Offers an expert's-eye overview whole along with practical examples Who This Book Is For Almost anyone can learn to write working script and create high quality code but they might lack a structured understanding of what it means to be 'Pythonic'. If you are a Python programmer who wants to code efficiently by getting the syntax and usage of a few intricate Python techniques exact Create a virtualenv and start a new project Understand how and when to use the functional programming paradigm Get familiar with the different ways the decorators can be written in Understand the power of generators and coroutines without digressing into lambda calculus Create metaclasses and how it makes working with Python far easier Generate Sphinx Learn how to track and optimize application performance, both memory and cpu Use the multiprocessing library, not just locally but also across multiple machines Get a basic understanding of packaging and creating your own libraries/applications In Detail Python is a dynamic programming language. It is known for its high readability and hence it is of programmers. Python being multi-paradigm, it can be used to achieve the same thing in different ways and it is compatible across different platforms. Even if you find writing Python code easy, writing code that is efficient, easy to maintain, and reuse is not so straightforward. This book is an authoritative guide that will help you learn new advanced methods creating a project-specific environment using venv, introducing you to different Pythonic syntax and common pitfalls before moving on to cover the functional features in Python. It covers how to create different decorators, generators, and metaclasses. It also introduces you to functools.wraps and coroutines and how they work. Later on you will learn to You will also get familiar with different testing systems such as pytest, doctest, and unittest, and debugging tools such as Python debugger and faulthandler. You will learn to optimize application performance so that it works efficiently across multiple machines and Python versions. Finally, it will teach you how to access C functions with a simple Python call advanced scripts and take on bigger challenges. Style and Approach This book is a comprehensive guide that covers advanced features of the Python language, and communicate them with an authoritative understanding of the underlying rationale for how, when, and why to use them.

Mastering DocumentationWith Document Masters for Systems Development, Control, and DeliveryJohn Wiley & Sons Incorporated

This textbook teaches the principles of genealogical documentation. There are exercises at the end of each chapter with answers at the back of the book.

A practical guide covering topics from image processing, augmented reality to deep learning with OpenCV 4 and Python 3.7

Mastering OpenCV 4 with Python

Mastering IPython 4.0

Mastering Spark for Data Science

Mastering Mail Merge Using Microsoft Word 2007