

# Winrar User Guide

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**Rust Quick Start Guide** Daniel Arbuckle 2018-10-30 Get familiar with writing programs in the trending new systems programming language that brings together the powerful performance of low-level languages with the advanced features like thread safety in multi-threaded code Key FeaturesLearn the semantics of Rust, which can be significantly different from other programming languagesUnderstand clearly how to work with the Rust compiler which strictly enforces rules that may not be obviousExamples and insights beyond the Rust documentationBook Description Rust is an emerging programming language applicable to areas such as embedded programming, network programming, system programming, and web development. This book will take you from the basics of Rust to a point where your code compiles and does what you intend it to do! This book starts with an introduction to Rust and how to get set for programming, including the rustup and cargo tools for managing a Rust installation and development workflow. Then you'll learn about the fundamentals of structuring a Rust program, such as functions, mutability, data structures, implementing behavior for types, and many more. You will also learn about concepts that Rust handles differently from most other languages. After understanding the Basics of Rust programming, you will learn about the core ideas, such as variable ownership, scope, lifetime, and borrowing. After these key ideas, you will explore making decisions in Rust based on data types by learning about match and if let expressions. After that, you'll work with different data types in Rust, and learn about memory management and smart pointers. What you will learnInstall Rust and write your first program with itUnderstand ownership in RustHandle different data typesMake decisions by pattern matchingUse smart pointersUse generic types and type specializationWrite code that works with many data typesTap into the standard libraryWho this book is for This book is for people who are new to Rust, either as their first programming language or coming to it from somewhere else. Familiarity with computer programming in any other language will be helpful in getting the best out of this book.

**Lua Quick Start Guide** Gabor Szauer 2018-07-27 The easiest way to learn Lua programming Key Features The easiest way to learn Lua coding Use the Lua standard libraries and debug Lua code Embed Lua as a scripting language using the Lua C API Book Description Lua is a small, powerful and extendable scripting/programming language that can be used for learning to program, and writing games and applications, or as an embedded scripting language. There are many popular commercial projects that allow you to modify or extend them through Lua scripting, and this book will get you ready for that. This book is the easiest way to learn Lua. It introduces you to the basics of Lua and helps you to understand the problems it solves. You will work with the basic language features, the libraries Lua provides, and powerful topics such as object-oriented programming. Every aspect of programming in Lua, variables, data types, functions, tables, arrays and objects, is covered in sufficient detail for you to get started. You will also find out about Lua's module system and how to interface with the operating system. After reading this book, you will be ready to use Lua as a programming language to write code that can interface with the operating system, automate tasks, make playable games, and much more. This book is a solid starting point for those who want to learn Lua in order to move onto other technologies such as Love2D or Roblox. A quick start guide is a focused, shorter title that provides a faster paced introduction to a technology. It is designed for people who don't need all the details at this point in their learning curve. This presentation has been streamlined to concentrate on the things you really need to know. What you will learn Understand the basics of programming the Lua language Understand how to use tables, the data structure that makes Lua so powerful Understand object-oriented programming in Lua using metatables Understand standard LUA libraries for math, file io, and more Manipulate string data using Lua Understand how to debug Lua applications quickly and efficiently Understand how to embed Lua into applications with the Lua C API Who this book is for This book is for developers who want to get up and running with Lua. This book is ideal for programmers who want to learn to embed Lua in their own applications, as well as for beginner programmers who have never coded before.

**AWS Lambda Quick Start Guide** Markus Klems 2018-06-29 Discover techniques and tools for building serverless applications with AWS Lambda Key Features Learn to write, run, and deploy Lambda functions in the AWS cloud Make the most of AWS Lambda functions to build scalable and cost-efficient systems A practical guide to developing serverless services and applications in Node.js, Java, Python, and C# Book Description AWS Lambda is a part of AWS that lets you run your code without provisioning or managing servers. This enables you to deploy applications and backend services that operate with no upfront cost. This book gets you up to speed on how to build scalable systems and deploy serverless applications with AWS Lambda. The book starts with the fundamental concepts of AWS Lambda, and then teaches you how to combine your applications with other AWS services, such as AmazonAPI Gateway and DynamoDB. This book will also give a quick walk through on how to use the Serverless Framework to build larger applications that can structure code or autogenerate boilerplate code that can be used to get started quickly for increased productivity. Toward the end of the book, you will learn how to write, run, and test Lambda functions using Node.js, Java, Python, and C#. What you will learn Understand the fundamental concepts of AWS Lambda Get to grips with the Serverless Framework and how to create a serverless project Testing and debugging Lambda functions Create a stateful, serverless backend with DynamoDB Program AWS Lambda with Java, Python, and C# Program a lambda function with Node.js Who this book is for This book is primarily for IT architects and developers who want to build scalable systems and deploy serverless applications with AWS Lambda. No prior knowledge of AWS is necessary.

**CCNP Security VPN 642-648 Official Cert Guide** Howard Hooper 2012 The only comprehensive assessment, review, and practice guide for Cisco's new Deploying Cisco ASA VPN Solutions exam - direct from Cisco! \* \*Covers every updated Cisco CCNP Deploying Cisco ASA VPN Solutions exam topic: architecture, policies, inheritance, clientless VPNs/portals/SSL, AnyConnect Remote Access VPNs, Cisco Secure Desktop, Easy VPN, IPsec site-to-site VPNs, and more \*New IPv6 coverage, plus new CLI examples throughout. \*CD contains realistic practice tests. \*Proven features promote efficient study. This is Cisco's official, comprehensive self-study resource for the new Deploying Cisco ASA VPN Solutions (VPN v1.0) exam, required for CCNP Security certification. Designed for beginning-to-intermediate level readers, it covers every objective concisely and logically, with extensive teaching features that promote retention and understanding. Readers will find: \* \*Pre-chapter quizzes to assess knowledge upfront and focus study more efficiently. \*Foundation topics sections that explain concepts and configurations, and link theory to actual configuration commands. \*Key topics sections calling attention to every figure, table, and list that candidates must know. \*Exam Preparation sections with additional chapter review features. \*Final preparation chapter providing tools and a complete final study plan. \*Customizable practice test library on CD-ROM This edition has been fully updated for the latest exam objectives, including new IPv6 coverage and integrated CLI configuration examples alongside ASDM configurations throughout.

**Go Web Scraping Quick Start Guide** Vincent Smith 2019-01-30 Web scraping is the process of extracting information from the web using various tools that perform scraping and crawling. Go is emerging as the language of choice for scraping using a variety of libraries. This book will quickly explain to you, how to scrape data data from various websites using Go libraries such as Colly and Goquery.

**Installing and Configuring SharePoint 2010 User Guide** Saifullah Shafiq 2012-12-18 First edition of this book was published in 2009 and VMware was used to demonstrate the installation and configuration of SharePoint 2010. VMware can still be used but Virtual Box has gained lot of popularity over the last 2 years. Virtual Box is owned by Oracle and is free. It is easy to use and configure. Most of what is written in this updated edition works for both VMware and Virtual box. I have added new content where necessary. The content has been modified to work with new downloads. New links have been provided through-out the book where needed. This step by step guide shows how to install SharePoint 2010. Each step shows a screenshot that makes understanding the step easier. Host computer used during the preparation of this guide was a Windows 7 (64-bit) machine. Guest machine used was Virtual Box 4.1.6 r74713 with Windows Server 2008 R2 (64-bit). The book lists hardware and software requirements. It has up-to-date links to download necessary software. Guide gives you tips on what to avoid during the installation. This is the most comprehensive compilation of SharePoint 2010 installation steps. This book provides users accurate links to download software. Anyone can install SharePoint but installing it the right way, first time is different. Only a few manage to do that. You don't have to waste time experimenting yourself. Learn from the mistakes others made when learning the installation. Save time, time is money!!

**IC3 Certification Guide Using Microsoft Windows 10 & Microsoft Office 2016** CCI Learning 2017-02-21 Readers prepare for success with IC3 (Internet and Computing Core Certification) as they master basic requirements for all three IC3 certification exams: Computing Fundamentals, Key Applications, and Living Online. IC3 CERTIFICATION GUIDE USING MICROSOFT WINDOWS 10 & MICROSOFT OFFICE 2016 offers IC3 global training and certification preparation to help users earn globally accepted, validated credentials and prove to employers, customers or higher education institutions that they have the computer skills to excel in today's digital world. This book emphasizes key knowledge and timely skills to ensure proficiency in using computer technology, ranging from basic hardware and software to operating systems, applications, and the Internet. Comprehensive instruction helps readers advance their careers through computer certifications, such as CompTIA's A+ and similar exams. Rely on this book for the computer and Internet skills needed for success in both employment and higher education. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Apache Spark Quick Start Guide** Shrey Mehrotra 2019-01-31 A practical guide for solving complex data processing challenges by applying the best optimizations techniques in Apache Spark. Key FeaturesLearn about the core concepts and the latest developments in Apache SparkMaster writing efficient big data applications with Spark's built-in modules for SQL, Streaming, Machine Learning and Graph analysisGet introduced to a variety of optimizations based on the actual experienceBook Description Apache Spark is a flexible framework that allows processing of batch and real-time data. Its unified engine has made it quite popular for big data use cases. This book will help you to get started with Apache Spark 2.0 and write big data applications for a variety of use cases. It will also introduce you to Apache Spark – one of the most popular Big Data processing frameworks. Although this book is intended to help you get started with Apache Spark, but it also focuses on explaining the core concepts. This practical guide provides a quick start to the Spark 2.0 architecture and its components. It teaches you how to set up Spark on your local machine. As we move ahead, you will be introduced to resilient distributed datasets (RDDs) and DataFrame APIs, and their corresponding transformations and actions. Then, we move on to the life cycle of a Spark application and learn about the techniques used to debug slow-running applications. You will also go through Spark's built-in modules for SQL, streaming, machine learning, and graph analysis. Finally, the book will lay out the best practices and optimization techniques that are key for writing efficient Spark applications. By the end of this book, you will have a sound fundamental understanding of the Apache Spark framework and you will be able to write and optimize Spark applications. What you will learnLearn core concepts such as RDDs, DataFrames, transformations, and moreSet up a Spark development environmentChoose the right APIs for your applicationsUnderstand Spark's architecture and the execution flow of a Spark applicationExplore built-in modules for SQL, streaming, ML, and graph analysisOptimize your Spark job for better performanceWho this book is for If you are a big data enthusiast and love processing huge amount of data, this book is for you. If you are a data engineer and looking for the best optimization techniques for your Spark applications, then you will find this book helpful. This book also helps data scientists who want to implement their machine learning algorithms in Spark. You need to have a basic understanding of any one of the programming languages such as Scala, Python or Java.

**The Emulation User's Guide** Kenneth Stevens 2008-08-29 The Emulation User's Guide has everything you need to know about getting started with computer, console and arcade emulation on the Apple Macintosh computer and PC. This guide includes the history of emulation on the Internet and covers some of the legalities involving emulation of these systems. **Winrar 31 Success Secrets - 31 Most Asked Questions on Winrar - What You Need to Know** Benjamin Underwood 2014-11-21 An Unbeatable WinRAR Guide. There has never been a WinRAR Guide like this. It contains 31 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This Guide introduces what you want to know about WinRAR. A quick look inside of some of the subjects covered: WinRAR - Overview, RAR (file format), .RAR, Nagware, Proprietary format - Closed Proprietary Formats, .r01 - Creating RAR files, Cabinet (file format) - Software, RAR (file format) - File format, .r01 - File format, RAR (file format) - Older Operating Systems support, TUGZip - Supported formats, Criticism of Windows Vista - Speed, .r01 - Versions, List of inventors - R, FreeArc - Speed, File archiver - Windows archives, Comparison of file archivers - Archiver features, FreeArc - Archive size, Eugene Roshal, Self-extracting archive - Overview, RAR (file format) - Versions, WinAce, WinRAR - Features, Proprietary software - Examples, List of file formats - Archive and compressed, WinRAR - Version history, Closed source software - Examples, WinRAR - Easter eggs, Binary and text files - Archive and compressed, WinRAR - Languages, and much more...

**The Complete Rust Programming Reference Guide** Rahul Sharma 2019-05-22 Design and implement professional-level programs by leveraging modern data structures and algorithms in Rust Key FeaturesImprove your productivity by writing more simple and easy code in RustDiscover the functional and reactive implementations of traditional data structuresDelve into new domains of Rust, including WebAssembly, networking, and command-line toolsBook Description Rust is a powerful language with a rare combination of safety, speed, and zero-cost abstractions. This Learning Path is filled with clear and simple explanations of its features along with real-world examples, demonstrating how you can build robust, scalable, and reliable programs. You'll get started with an introduction to Rust data structures,

algorithms, and essential language constructs. Next, you will understand how to store data using linked lists, arrays, stacks, and queues. You'll also learn to implement sorting and searching algorithms, such as Brute Force algorithms, Greedy algorithms, Dynamic Programming, and Backtracking. As you progress, you'll pick up on using Rust for systems programming, network programming, and the web. You'll then move on to discover a variety of techniques, right from writing memory-safe code, to building idiomatic Rust libraries, and even advanced macros. By the end of this Learning Path, you'll be able to implement Rust for enterprise projects, writing better tests and documentation, designing for performance, and creating idiomatic Rust code. This Learning Path includes content from the following Packt products: **Mastering Rust - Second Edition** by Rahul Sharma and Vesa Kaihlavirta**Hands-On Data Structures and Algorithms with Rust** by Claus MatzingerWhat you will learnDesign and implement complex data structures in RustCreate and use well-tested and reusable components with RustUnderstand the basics of multithreaded programming and advanced algorithm designExplore application profiling based on benchmarking and testingStudy and apply best practices and strategies in error handlingCreate efficient web applications with the Actix-web frameworkUse Diesel for type-safe database interactions in your web applicationWho this book is for If you are already familiar with an imperative language and now want to progress from being a beginner to an intermediate-level Rust programmer, this Learning Path is for you. Developers who are already familiar with Rust and want to delve deeper into the essential data structures and algorithms in Rust will also find this Learning Path useful.

**Maximum PC 2000** Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

**Ripple Quick Start Guide** Febin John James 2018-12-31 Learn to work with XRP and build applications on Ripple's blockchain Key Features Learn to use Ripple's decentralized system for transferring digital assets globally A simplified and shortened learning curve to understand the Ripple innovation and Blockchain Takes a hands-on approach to work with XRP – Ripple's native currency Book Description This book starts by giving you an understanding of the basics of blockchain and the Ripple protocol. You will then get some hands-on experience of working with XRP. You will learn how to set up a Ripple wallet and see how seamlessly you can transfer money abroad. You will learn about different types of wallets through which you can store and transact XRP, along with the security precautions you need to take to keep your money safe. Since Ripple is currency agnostic, it can enable the transfer of value in USD, EUR, and any other currency. You can even transfer digital assets using Ripple. You will see how you can pay an international merchant with their own native currency and how Ripple can exchange it on the fly. Once you understand the applications of Ripple, you will learn how to create a conditionally-held escrow using the Ripple API, and how to send and cash checks. Finally, you will also understand the common misconceptions people have about Ripple and discover the potential risks you must consider before making investment decisions. By the end of this book, you will have a solid foundation for working with Ripple's blockchain. Using it, you will be able to solve problems caused by traditional systems in your respective industry. What you will learn Understand the fundamentals of blockchain and Ripple Learn how to choose a Ripple wallet Set up a Ripple wallet to send and receive XRP Learn how to protect your XRP Understand the applications of Ripple Learn how to work with the Ripple API Learn how to build applications on check and escrow features of Ripple Who this book is for This book is for anyone interested in getting their hands on Ripple technology and learn where it can be used to gain competitive advantages in their respective fields. For most parts of the book, you need not have any pre-requisite knowledge. However, you need to have basic background of JavaScript to write an escrow.

**Kibana 7 Quick Start Guide** Anurag Srivastava 2019-01-31 A quick start guide to visualize your Elasticsearch data Key Features Your hands-on guide to visualizing the Elasticsearch data as well as navigating the Elastic stack Work with different Kibana plugins and create effective machine learning jobs using Kibana Build effective dashboards and reports without any hassle Book Description The Elastic Stack is growing rapidly and, day by day, additional tools are being added to make it more effective. This book endeavors to explain all the important aspects of Kibana, which is essential for utilizing its full potential. This book covers the core concepts of Kibana, with chapters set out in a coherent manner so that readers can advance their learning in a step-by-step manner. The focus is on a practical approach, thereby enabling the reader to apply those examples in real time for a better understanding of the concepts and to provide them with the correct skills in relation to the tool. With its succinct explanations, it is quite easy for a reader to use this book as a reference guide for learning basic to advanced implementations of Kibana. The practical examples, such as the creation of Kibana dashboards from CSV data, application RDBMS data, system metrics data, log file data, APM agents, and search results, can provide readers with a number of different drop-off points from where they can fetch any type of data into Kibana for the purpose of analysis or dashboarding. What you will learn Explore how Logstash is configured to fetch CSV data Understand how to create index patterns in Kibana Become familiar with how to apply filters on data Discover how to create ML jobs Explore how to analyze APM data from APM agents Get to grips with how to save, share, inspect, and edit visualizations Understand how to find an anomaly in data Who this book is for Kibana 7 Quick Start Guide is for developers new to Kibana who want to learn the fundamentals of using the tool for visualization, as well as existing Elastic developers.

**Julia 1.0 Programming Complete Reference Guide** Ivo Balbaert 2019-05-20 Learn dynamic programming with Julia to build apps for data analysis, visualization, machine learning, and the web Key FeaturesLeverage Julia's high speed and efficiency to build fast, efficient applicationsPerform supervised and unsupervised machine learning and time series analysisTackle problems concurrently and in a distributed environmentBook Description Julia offers the high productivity and ease of use of Python and R with the lightning-fast speed of C++. There's never been a better time to learn this language, thanks to its large-scale adoption across a wide range of domains, including fintech, biotech and artificial intelligence (AI). You will begin by learning how to set up a running Julia platform, before exploring its various built-in types. This Learning Path walks you through two important collection types: arrays and matrices. You'll be taken through how type conversions and promotions work, and in further chapters you'll study how Julia interacts with operating systems and other languages. You'll also learn about the use of macros, what makes Julia suitable for numerical and scientific computing, and how to run external programs. Once you have grasped the basics, this Learning Path goes on to how to analyze the Iris dataset using DataFrames. While building a web scraper and a web app, you'll explore the use of functions, methods, and multiple dispatches. In the final chapters, you'll delve into machine learning, where you'll build a book recommender system. By the end of this Learning Path, you'll be well versed with Julia and have the skills you need to leverage its high speed and efficiency for your applications. This Learning Path includes content from the following Packt products: **Julia 1.0 Programming - Second Edition** by Ivo Balbaert**Julia Programming Projects** by Adrian SalceanuWhat you will learnCreate your own types to extend the built-in type systemVisualize your data in Julia with plotting packagesExplore the use of built-in macros for testing and debuggingIntegrate Julia with other languages such as C, Python, and MATLABAnalyze and manipulate datasets using Julia and DataFramesDevelop and run a web app using Julia and the HTTP packageBuild a recommendation system using supervised machine learningWho this book is for If you are a statistician or data scientist who wants a quick course in the Julia programming language while building big data applications, this Learning Path is for you. Basic knowledge of mathematics and programming is a must.

**Tableau Desktop Certified Associate: Exam Guide** Dmitry Anoshin 2019-12-24 Learn through hands-on exercises covering a variety of topics including data connections, analytics, and dashboards to effectively prepare for the Tableau Desktop Certified Associate exam Key FeaturesPrepare for the Tableau Desktop Certified Associate exam with the help of tips and techniques shared by expertsImplement Tableau's advanced analytical capabilities such as forecastingDelve into advanced Tableau features and explore best practices for building dashboardsBook Description The Tableau Desktop Certified Associate exam measures your knowledge of Tableau Desktop and your ability to work with data and data visualization techniques. This book will help you to become well-versed in Tableau software and use its business intelligence (BI) features to solve BI and analytics challenges. With the help of this book, you'll explore the authors' success stories and their experience with Tableau. You'll start by understanding the importance of Tableau certification and the different certification exams, along with covering the exam format, Tableau basics, and best practices for preparing data for analysis and visualization. The book builds on your knowledge of advanced Tableau topics such as table calculations for solving problems. You'll learn to effectively visualize geographic data using vector maps. Later, you'll discover the analytics capabilities of Tableau by learning how to use features such as forecasting. Finally, you'll understand how to build and customize dashboards, while ensuring they convey information effectively. Every chapter has examples and tests to reinforce your learning, along with mock tests in the last section. By the end of this book, you'll be able to efficiently prepare for the certification exam with the help of mock tests, detailed explanations, and expert advice from the authors. What you will learnApply Tableau best practices to analyze and visualize dataUse Tableau to visualize geographic data using vector mapsCreate charts to gain productive insights into data and make quality-driven decisionsImplement advanced analytics techniques to identify and forecast key valuesPrepare customized table calculations to compute specific valuesAnswer questions based on the Tableau Desktop Certified Associate exam with the help of mock testsWho this book is for This Tableau certification book is for business analysts, BI professionals, and data analysts who want to become certified Tableau Desktop Associates and solve a range of data science and business intelligence problems using this example-packed guide. Some experience in Tableau Desktop is expected to get the most out of this book.

**IC3 Certification Guide Using Microsoft Windows 7 & Microsoft Office 2013** CCI Learning 2016-06-06 Now readers can effectively prepare for success with the IC3 (Internet and Computing Core Certification program) with IC3 INTERNET AND COMPUTING CORE CERTIFICATION GUIDE USING MICROSOFT WINDOWS 7 AND MICROSOFT OFFICE 2013. The IC3 global training and certification program proves users are equipped with computer skills to excel in a digital world. It shows users are capable of using of computer technology ranging from basic hardware and software to operating systems, applications, and the Internet. These skills position readers to advance their careers through additional computer certifications, such as CompTIA's A+ and similar exams. Today, more than ever, computers and Internet skills are prerequisites for employment and higher education. Employers and universities now understand that exposure to computers does not equal understanding computers. This book provides the knowledge and skills that a functional user of computer hardware, software, networks, and the Internet needs. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Malware Forensics Field Guide for Linux Systems** Cameron H. Malin 2013-12-07 Malware Forensics Field Guide for Linux Systems is a handy reference that shows students the essential tools needed to do computer forensics analysis at the crime scene. It is part of Syngress Digital Forensics Field Guides, a series of companions for any digital and computer forensic student, investigator or analyst. Each Guide is a toolkit, with checklists for specific tasks, case studies of difficult situations, and expert analyst tips that will aid in recovering data from digital media that will be used in criminal prosecution. This book collects data from all methods of electronic data storage and transfer devices, including computers, laptops, PDAs and the images, spreadsheets and other types of files stored on these devices. It is specific for Linux-based systems, where new malware is developed every day. The authors are world-renowned leaders in investigating and analyzing malicious code. Chapters cover malware incident response - volatile data collection and examination on a live Linux system; analysis of physical and process memory dumps for malware artifacts; post-mortem forensics - discovering and extracting malware and associated artifacts from Linux systems; legal considerations; file identification and profiling initial analysis of a suspect file on a Linux system; and analysis of a suspect program. This book will appeal to computer forensic investigators, analysts, and specialists. A compendium of on-the-job tasks and checklists Specific for Linux-based systems in which new malware is developed every day Authors are world-renowned leaders in investigating and analyzing malicious code

**Server Side development with Node.js and Koa.js Quick Start Guide** Olayinka Omole 2018-11-30 Build real-world robust web applications and APIs using the modern and expressive Koa Node.js framework. Key Features Get up and running with Koa.js and leverage its power with node.js Get the most out of Koa Async functions and generators Create real time dynamic server-side apps efficiently with Koa.js Book Description Every developer wants to build modular and scalable web applications. Modern versions of JavaScript have made this possible in Node.js, and Koa is a Node.js framework that makes it easy. This book is the ideal introduction for JavaScript developers who want to create scalable server side applications using Node.js and Koa.js. The book shows you how Koa can be used to start projects from scratch, register custom and existing middleware, read requests, and send responses to users. We will explore the core concepts in Koa, such as error handling, logging, and request and response handling. We will dive into new concepts in JavaScript development, and see how paradigms such as async/await help with modern Node.js application development. By the end of this book, you will be building robust web applications in Koa using modern development paradigms and techniques of Node.js development. What you will learn Create a simple server in Node.js and Koa Work with custom middleware in Koa Handle errors in Koa Create routes, handle requests, and send responses from APIs Build views and use templates in Koa Authenticate your application and structure it properly in Koa Who this book is for This book is for serverside developers and JavaScript developers who want to use Koa.js and Node.js to create fast and real time back end applications.

**Microsoft Power BI Quick Start Guide** Devin Knight 2018-07-30 Bring your data to life with Power BI Key Features Get to grips with the fundamentals of Microsoft Power BI and its Business Intelligence capabilities Build accurate analytical models, reports and dashboards Get faster and more intuitive insights from your data using Microsoft Power BI Book Description Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights using your organization's data. This book will get you started with business intelligence using the Power BI toolset, covering essential concepts such as installation, designing effective data models, as well as building basic dashboards and visualizations to make your data come to life You will learn how to get your data the way you want – connecting to data sources and how to clean your data with the Power BI Query Editor. You will next learn how to properly design your data model to make your data easier to work with. You will next learn how to properly design your data model to navigate table relationships and build DAX formulas to make your data easier to work with. Visualizing your data is another key element of this book, and you will learn how to follow proper data visualization styles and enhanced digital storytelling techniques. By the end of this book, you will understand how to administer your organization's Power BI environment so deployment can be made seamless, data refreshes can run properly, and security can be fully implemented What you will learn Connect to data sources using both import and DirectQuery options Use the Query Editor to apply data transformations and data cleansing processes, including learning how to write M and R scripts Design optimized data models by designing relationships and DAX calculations Leverage built-in and custom visuals to design effective reports Use the Power BI Desktop and Power BI Service to implement Row Level Security on your model Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Who this book is for This book is for aspiring Business Intelligence professionals who want to get up and running with Microsoft Power BI. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you.

**Spp Data Recovery**

**Autodesk Maya 2011: A Comprehensive guide**

**Python GUI Programming - A Complete Reference Guide** Alan D. Moore 2019-06-24 Explore Python's GUI frameworks and create visually stunning and feature-rich applications Key FeaturesIntegrate stunning data visualizations using Tkinter Canvas and MatplotlibUnderstand the basics of 2D and 3D animation in GUI applicationsExplore PyQT's powerful features to easily design and customize your GUI applicationsBook Description A responsive graphical user interface (GUI) helps you interact with your application, improves user experience, and enhances the efficiency of your applications. With Python, you'll have access to elaborate GUI frameworks that you can use to build interactive GUIs that stand apart from the rest. This Learning Path begins by introducing you to Tkinter and PyQT, before guiding you through the application development process. As you expand your GUI by adding more widgets, you'll work with networks, databases, and graphical libraries that enhance its functionality. You'll also learn how to connect to external databases and network resources, test your code, and maximize performance using asynchronous programming. In later chapters, you'll understand how to use the cross-platform features of Tkinter and Qt5 to maintain compatibility across platforms. You'll be able to mimic the platform-native look and feel, and build executables for deployment across popular computing platforms. By the end of this Learning Path, you'll have the skills and confidence to design and build high-end GUI applications that can solve real-world problems. This Learning Path includes content from the following Packt products: Python GUI Programming with Tkinter by Alan D. MooreQt5 Python GUI Programming Cookbook by B. M. HarwaniWhat you will learnVisualize graphs in real time with Tkinter's animation capabilitiesUse PostgreSQL authentication to ensure data security for your applicationWrite unit tests to avoid regression when updating codeHandle different signals generated on mouse clicks using QSpinBox and slidersEmploy network concepts, internet browsing, and Google Maps in UIUse graphics rendering to implement animations in your GUIWho this book is for If you're an intermediate Python programmer looking to enhance your coding skills by writing powerful GUIs in Python using PyQT and Tkinter, this is an ideal Learning Path for you. A strong understanding of the Python language is a must to grasp the concepts explained in this book.

**Narrowcast Server Installation and Configuration Guide For 9. 3** MicroStrategy Product Manuals 2012-09-30

**Vue.js Quick Start Guide** Ajdin Imsirovic 2018-10-25 Learn and explore all important features of Vue.js through a number of simple examples. Key Features Uses latest features such as Vue-cli 3, Vuex, and Nuxt Practical examples to understand Vue 2 quickly Step-by-step approach to reinforce concepts covered Book Description Vue.js is the latest trending frontend framework. Simplicity, reactivity, and flexibility are some of the key benefits that Vue offers to developers. This book will help you learn everything you need to know to build stunning reactive web apps with Vue.js 2 quickly and easily. This book will take you through the Vue 2 framework. You will start by learning the different Vue installation options: CDN, NPM, and Vue CLI. Then we will look at the core concepts of Vue: templates and components – ways to modularize Vue code. You will learn how to utilize directives, which are Vue-specific HTML attributes with additional features. Also, you will see how Vue uses a streamlined approach to development, with reusable methods, computed properties, and watchers, and how it controls state with the help of its data option. You will learn about the concepts of reactive programming in Vue, and how to understand communication between parent and child components. We will take a look at props and slots, working with CSS, filters, and mixins. We will also look at ways to add transitions and animations to Vue apps. Then you will extend Vue by building custom directives and your own plugins. Finally, you will learn about Vuex – a Vue plugin that allows us to centralize state, and also introduce Nuxt, which is a framework that builds on top of Vue and solves some issues of single-page applications. After learning about these components, you will be ready to build your own reactive web apps with Vue.js 2. What you will learn Develop apps with Vue.js Reuse components using slots Use filters, mixins, and global mixins in Vue Build custom directives in Vue Work with CSS animations Work with templates, directives, methods, data, computed properties, and watchers Use Nuxt and Vue-Router Build and deploy an SSR Vue app Who this book is for This book is for people who want to learn and experience developing with Vue.js. Familiarity with HTML, CSS, and JavaScript will help you get the most from this book.

**Machine Learning with Apache Spark Quick Start Guide** Jillur Qudus 2018-12-26 Combine advanced analytics including Machine Learning, Deep Learning Neural Networks and Natural Language Processing with modern scalable technologies including Apache Spark to derive actionable insights from Big Data in real-time Key FeaturesMake a hands-on start in the fields of Big Data, Distributed Technologies and Machine LearningLearn how to design, develop and interpret the results of common Machine Learning algorithmsUncover hidden patterns in your data in order to derive real actionable insights and business valueBook Description Every person and every organization in the world manages data, whether they realize it or not. Data is used to describe the world around us and can be used for almost any purpose, from analyzing consumer habits to fighting disease and serious organized crime. Ultimately, we manage data in order to derive value from it, and many organizations around the world have traditionally invested in technology to help process their data faster and more efficiently. But we now live in an interconnected world driven by mass data creation and consumption where data is no longer rows and columns restricted to a spreadsheet, but an organic and evolving asset in its own right. With this realization comes major challenges for organizations: how do we manage the sheer size of data being created every second (think not only spreadsheets and databases, but also social media posts, images, videos, music, blogs and so on)? And once we can manage all of this data, how do we derive real value from it? The focus of Machine Learning with Apache Spark is to help us answer these questions in a hands-on manner. We introduce the latest scalable technologies to help us manage and process big data. We then introduce advanced analytical algorithms applied to real-world use cases in order to uncover patterns, derive actionable insights, and learn from this big data. What you will learnUnderstand how Spark fits in the context of the big data ecosystemUnderstand how to deploy and configure a local development environment using Apache SparkUnderstand how to design supervised and unsupervised learning modelsBuild models to perform MLP, deep learning, and cognitive services using Spark ML librariesDesign real-time machine learning pipelines in Apache SparkBecome familiar with advanced techniques for processing a large volume of data by applying machine learning algorithmsWho this book is for This book is aimed at Business Analysts, Data Analysts and Data Scientists who wish to make a hands-on start in order to take advantage of modern Big Data technologies combined with Advanced Analytics.

**Dynamics 365 Business Central Development Quick Start Guide** Stefano Demiliani 2018-08-27 Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to make your life easier. This book is an ideal guide to Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn Develop solutions for Dynamics 365 Business Central Create a sandbox for extensions development (local or on cloud) Use Docker with Dynamics 365 Business Central Create extensions for Dynamics 365 Business Central Handle dependencies, translations and reporting Deploy extensions on-premise and to the cloud Create serverless processes with Dynamics 365 Business Central Understand source code management for AL Who this book is for This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

**Web Developer's Reference Guide** Joshua Johanan 2016-03-28 A one-stop guide to the essentials of web development including popular frameworks such as jQuery, Bootstrap, AngularJS, and Node.js About This Book Understand the essential elements of HTML, CSS, and JavaScript, including how and when to use them Walk through three of the best and most popular web development frameworks – jQuery, Bootstrap, and AngularJS References for any function you will need in your day-to-day web development Who This Book Is For This book is perfect for beginners but more advanced web developers will also benefit. Laid out so you can refer to as much or as little as you need to, with this book you can exhaustively explore essential concepts for modern web developers. What You Will Learn Explore detailed explanations of all the major HTML elements and attributes, illustrated with examples Take a deep dive into CSS properties and functions and master their usage Find clear, concise descriptions of JavaScript syntax and expressions Recognize various JavaScript design patterns and learn the basics of JavaScript object-orientated programming Implement the latest ECMAScript 6 for client-side scripting in your web applications Discover new ways to develop your website's front end quickly and easily using Bootstrap Write JavaScript extensibly using jQuery-JavaScript's feature-rich library Delve into the key Node.js modules used in JavaScript server-side programming Access AngularJS 's important modules, controllers, directives, and services quickly In Detail This comprehensive reference guide takes you through each topic in web development and highlights the most popular and important elements of each area. Starting with HTML, you will learn key elements and attributes and how they relate to each other. Next, you will explore CSS pseudo-classes and pseudo-elements, followed by CSS properties and functions. This will introduce you to many powerful and new selectors. You will then move on to JavaScript. This section will not just introduce functions, but will provide you with an entire reference for the language and paradigms. You will discover more about three of the most popular frameworks today-Bootstrap, which builds on CSS, jQuery which builds on JavaScript, and AngularJS, which also builds on

JavaScript. Finally, you will take a walk-through Node.js, which is a server-side framework that allows you to write programs in JavaScript. Style and approach This book is an easy-to-follow, comprehensive reference guide. Each topic, function, or element is listed methodically along with parameters, return values, and descriptions. Examples are also included to help you put the concepts to use quickly in the real world.

**Selenium WebDriver 3 Practical Guide** Umesh Gundecha 2018-07-31 Real-world examples of cross-browser, mobile, and data-driven testing with all the latest features of Selenium WebDriver 3 Key Features Unlock the full potential of Selenium to test your web applications Use Selenium Grid for faster, parallel running, and cross-browser testing Test iOS and Android Apps with Appium Book Description Selenium WebDriver is an open source automation tool implemented through a browser-specific driver, which sends commands to a browser and retrieves results. The latest version of Selenium 3 brings with it a lot of new features that change the way you use and setup Selenium WebDriver. This book covers all those features along with the source code, including a demo website that allows you to work with an HTML5 application and other examples throughout the book. Selenium WebDriver 3 Practical Guide will walk you through the various APIs of Selenium WebDriver, which are used in automation tests, followed by a discussion of the various WebDriver implementations available. You will learn to strategize and handle rich web UI using advanced WebDriver API along with real-time challenges faced in WebDriver and solutions to handle them. You will discover different types and domains of testing such as cross-browser testing, load testing, and mobile testing with Selenium. Finally, you will also be introduced to data-driven testing using TestNG to create your own automation framework. By the end of this book, you will be able to select any web application and automate it the way you want. What you will learn Understand what Selenium 3 is and how it has been improved than its predecessor Use different mobile and desktop browser platforms with Selenium 3 Perform advanced actions, such as drag-and-drop and action builders on web page Learn to use Java 8 API and Selenium 3 together Explore remote WebDriver and discover how to use it Perform cross browser and distributed testing with Selenium Grid Use Actions API for performing various keyboard and mouse actions Who this book is for Selenium WebDriver 3 Practical Guide is for software quality assurance/testing professionals, software project managers, or software developers interested in using Selenium for testing their applications. Prior programming experience in Java is necessary.

**Malware Forensics Field Guide for Windows Systems** Cameron H. Malin 2012-05-11 Malware Forensics Field Guide for Windows Systems is a handy reference that shows students the essential tools needed to do computer forensics analysis at the crime scene. It is part of Syngress Digital Forensics Field Guides, a series of companions for any digital and computer forensic student, investigator or analyst. Each Guide is a toolkit, with checklists for specific tasks, case studies of difficult situations, and expert analyst tips that will aid in recovering data from digital media that will be used in criminal prosecution. This book collects data from all methods of electronic data storage and transfer devices, including computers, laptops, PDAs and the images, spreadsheets and other types of files stored on these devices. It is specific for Windows-based systems, the largest running OS in the world. The authors are world-renowned leaders in investigating and analyzing malicious code. Chapters cover malware incident response - volatile data collection and examination on a live Windows system; analysis of physical and process memory dumps for malware artifacts; post-mortem forensics - discovering and extracting malware and associated artifacts from Windows systems; legal considerations; file identification and profiling initial analysis of a suspect file on a Windows system; and analysis of a suspect program. This field guide is intended for computer forensic investigators, analysts, and specialists. A condensed handheld guide complete with on-the-job tasks and checklists Specific for Windows-based systems, the largest running OS in the world Authors are world-renowned leaders in investigating and analyzing malicious code

**Selenium WebDriver Quick Start Guide** Pinakin Chaubal 2018-10-30 Get writing tests and learn to design your own testing framework with Selenium WebDriver API Key FeaturesLearn Selenium from the ground upDesign your own testing frameworkCreate reusable functionality in your frameworkBook Description Selenium WebDriver is a platform-independent API for automating the testing of both browser and mobile applications. It is also a core technology in many other browser automation tools, APIs, and frameworks. This book will guide you through the WebDriver APIs that are used in automation tests. Chapter by chapter, we will construct the building blocks of a page object model framework as you learn about the required Java and Selenium methods and terminology. The book starts with an introduction to the same-origin policy, cross-site scripting dangers, and the Document Object Model (DOM). Moving ahead, we'll learn about XPath, which allows us to select items on a page, and how to design a customized XPath. After that, we will be creating singleton patterns and drivers. Then you will learn about synchronization and handling pop-up windows. You will see how to create a factory for browsers and understand command design patterns applicable to this area. At the end of the book, we tie all this together by creating a framework and implementing multi-browser testing with Selenium Grid. What you will learnUnderstand what an XPath is and how to design a customized XPathLearn how to create a Maven project and buildCreate a Singleton driverGet to grips with Jenkins integrationCreate a factory for browsersImplement multi-browser testing with Selenium GridCreate a sample pop-up window and JavaScript alertReport using Extent ReportsWho this book is for This book is for software testers or developers.

**pytest Quick Start Guide** Bruno Oliveira 2018-08-29 Learn the pytest way to write simple tests which can also be used to write complex tests Key Features Become proficient with pytest from day one by solving real-world testing problems Use pytest to write tests more efficiently Scale from simple to complex and functional testing Book Description Python's standard unittest module is based on the xUnit family of frameworks, which has its origins in Smalltalk and Java, and tends to be verbose to use and not easily extensible. The pytest framework on the other hand is very simple to get started, but powerful enough to cover complex testing integration scenarios, being considered by many the true Pythonic approach to testing in Python. In this book, you will learn how to get started right away and get the most out of pytest in your daily workflow, exploring powerful mechanisms and plugins to facilitate many common testing tasks. You will also see how to use pytest in existing unittest-based test suites and will learn some tricks to make the jump to a pytest-style test suite quickly and easily. What you will learn Write and run simple and complex tests Organize tests in files and directories Find out how to be more productive on the command line Markers and how to skip, xfail and parametrize tests Explore fixtures and techniques to use them effectively, such as tmpdir, pytestconf, and monkeypatch Convert unittest suites to pytest using little-known techniques Use third-party plugins Who this book is for This book is for Python programmers that want to learn more about testing. This book is also for QA testers, and those who already benefit from programming with tests daily but want to improve their existing testing tools.

**A+ Guide to PC Operating Systems** Michael W. Graves 2004-11 A+ Guide to PC Operating Systems is an easy-to-read test prep manual targeted at candidates for the CompTIA A+ Operating Systems Technologies Exam, while detailed coverage of both Windows and Linux makes this a great reference for all readers taking a PC repair course. Well-organized, this guide includes practice exam questions, hands-on exercises, as well as separate glossaries for terms and acronyms. Each chapter is highlighted with buzzwords. Exam notes and sidebars explain related issues in detail.

**Desktop User Guide for MicroStrategy 10** MicroStrategy Product Manuals 2015-06-04 **SeaClear Unleashed** Richard Fairman BA JP SeaClear has been the favorite of yachtsmen worldwide for the past 15 years. It features all the bells and whistles of major chartplotters and navigation systems at a very low cost, in fact at no cost, as it is free to download and use from www.sping.com. Its major shortcoming has been the limited documentation supplied. SeaClear Unleashed brings you in depth information on using SeaClear in real life navigation situations. The unique tutorial led style written by a yachtman for yachtsmen unleashes the full potential of SeaClear.

**Mastering Delphi Programming: A Complete Reference Guide** Primož Gabrijelič 2019-11-26 Use structural, behavioral, and concurrent patterns in Delphi to skillfully develop applications Key FeaturesDelve into the core patterns and components of Delphi to enhance your application's designLearn how to select the right patterns to improve your program's efficiency and productivityDiscover how parallel programming and memory management can optimize your codeBook Description Delphi is a cross-platform Integrated Development Environment (IDE) that supports rapid application development for most operating systems, including Microsoft Windows, iOS, and now Linux with RAD Studio 10.2. If you know how to use the features of Delphi, you can easily create scalable applications in no time. This Learning Path begins by explaining how to find performance bottlenecks and apply the correct algorithm to fix them. You'll brush up on tricks, techniques, and best practices to solve common design and architectural challenges. Then, you'll see how to leverage external libraries to write better-performing programs. You'll also learn about the eight most important patterns that'll enable you to develop and improve the interface between items and harmonize shared memories within threads. As you progress, you'll also delve into improving the performance of your code and mastering cross-platform RTL improvements. By the end of this Learning Path, you'll be able to address common design problems and feel confident while building scalable projects. This Learning Path includes content from the following Packt products: Delphi High Performance by Primož GabrijeličHands-On Design Patterns with Delphi by Primož GabrijeličWho you will learnUnderstand parallel programming and work with the various tools included with DelphiExplore memory managers and their implementationLeverage external libraries to write better-performing programsKeep up to date with the latest additions and design techniques in DelphiGet to grips with various modern multithreading approachesBreak a design problem down into its component partsWho this book is for This Learning Path is for intermediate-level Delphi programmers who want to build robust applications using Delphi features. Prior knowledge of Delphi is assumed.

**Deep Learning with PyTorch Quick Start Guide** David Julian 2018-12-24 Introduction to deep learning and PyTorch by building a convolutional neural network and recurrent neural network for real-world use cases such as image classification, transfer learning, and natural language processing. Key FeaturesClear and concise explanationsGives important insights into deep learning modelsPractical demonstration of key conceptsBook Description PyTorch is extremely powerful and yet easy to learn. It provides advanced features, such as supporting multiprocessor, distributed, and parallel computation. This book is an excellent entry point for those wanting to explore deep learning with PyTorch to harness its power. This book will introduce you to the PyTorch deep learning library and teach you how to train deep learning models without any hassle. We will set up the deep learning environment using PyTorch, and then train and deploy different types of deep learning models, such as CNN, RNN, and autoencoders. You will learn how to optimize models by tuning hyperparameters and how to use PyTorch in multiprocessor and distributed environments. We will discuss long short-term memory network (LSTMs) and build a language model to predict text. By the end of this book, you will be familiar with PyTorch's capabilities and be able to utilize the library to train your neural networks with relative ease. What you will learnSet up the deep learning environment using the PyTorch libraryLearn to build a deep learning model for image classificationUse a convolutional neural network for transfer learningUnderstand to use PyTorch for natural language processingUse a recurrent neural network to classify textUnderstand how to optimize PyTorch in multiprocessor and distributed environmentsTrain, optimize, and deploy your neural networks for maximum accuracy and performanceLearn to deploy production-ready modelsWho this book is for Developers and Data Scientist familiar with Machine Learning but new to deep learning, or existing practitioners of deep learning who would like to use PyTorch to train their deep learning models will find this book to be useful. Having knowledge of Python programming will be an added advantage, while previous exposure to PyTorch is not needed.

**The 'No Assumptions' Guide to Windows XP** Mark Wheeldin 2005

**GlobalForce Advanced Administrator Certification Guide** Enrico Murru 2019-11-08 Salesforce Advanced Administrator Certification Guide is a complete resource that will help you gain the knowledge and master the skills required to earn the advanced administrator credentials. With plenty of questions and answers along with best practices, you will learn all the concepts asked in exams specially designed with this guide.