

## Convert Utc Date Format Into Local Time Format In Power Bi

Delivers the proven solutions that make a difference in your Cisco IP Telephony deployment Learn dial plan best practices that help you configure features such as intercom, group speed dials, music on hold, extension mobility, and more Understand how to manage and monitor your system proactively for maximum uptime Use dial plan components to reduce your exposure to toll fraud Take advantage of call detail records for call tracing and accounting, as well as troubleshooting Utilize the many Cisco IP Telephony features to enable branch site deployments Discover the best ways to install, upgrade, patch, and back up CallManager Learn how backing up to remote media provides both configuration recovery and failure survivability IP telephony represents the future of telecommunications: a converged data and voice infrastructure boasting greater flexibility and more cost-effective scalability than traditional telephony. Having access to proven best practices, developed in the field by Cisco® IP Telephony experts, helps you ensure a solid, successful deployment. Cisco CallManager Best Practices offers best practice solutions for CallManager and related IP telephony components such as IP phones, gateways, and applications. Written in short, to-the-point sections, this book lets you explore the tips, tricks, and lessons learned that will help you plan, install, configure, back up, restore, upgrade, patch, and secure Cisco CallManager, the core call processing component in a Cisco IP Telephony deployment. You'll also discover the best ways to use services and parameters, directory integration, call detail records, management and monitoring applications, and more. Customers inspired this book by asking the same questions time after time: How do I configure intercom? What's the best way to use partitions and calling search spaces? How do I deploy CallManager regionally on my WAN? What do all those services really do? How do I know how many calls are active? How do I integrate CallManager with Active Directory? Years of expert experiences condensed for you in this book enable you to run a top-notch system while enhancing the performance and functionality of your IP telephony deployment.

Joe Celko's Analytics and OLAP in SQL is the first book that teaches what SQL programmers need in order to successfully make the transition from On-Line Transaction Processing (OLTP) systems into the world of On-Line Analytical Processing (OLAP). This book is not an in-depth look at particular subjects, but an overview of many subjects that will give the working RDBMS programmers a map of the terra incognita they will face — if they want to grow. It contains expert advice from a noted SQL authority and award-winning columnist, who has given ten years of service to the ANSI SQL standards committee and many more years of dependable help to readers of online forums. It offers real-world insights and lots of practical examples. It covers the OLAP extensions in SQL-99; ETL tools, OLAP features supported in DBMSs, other query tools, simple reports, and statistical software. This book is ideal for experienced SQL programmers who have worked with OLTP systems who need to learn techniques—and even some tricks—that they can use in an OLAP situation. Expert advice from a noted SQL authority and award-winning columnist, who has given ten years of service to the ANSI SQL standards committee and many more years of dependable help to readers of online forums First book that teaches what SQL programmers need in order to successfully make the transition from transactional systems (OLTP) into the world of data warehouse data and OLAP Offers real-world insights and lots of practical examples Covers the OLAP extensions in SQL-99; ETL tools, OLAP features supported in DBMSs, other query tools, simple reports, and statistical software

Now in its sixth edition, JAVASCRIPT guides beginning programmers through web application development using the JavaScript programming language. As with previous editions of the book, the authors introduce key web authoring techniques with a strong focus on industry application. New coverage includes developing for touchscreen and mobile devices, and using the jQuery library. A real-world project, similar to what students would encounter in a professional setting, is developed chapter by chapter. Because professional web development jobs often require programmers to add features to existing sites, each chapter project uses a professionally designed web site. After completing a course using this textbook, students will be able to use JavaScript to build professional quality, dynamic web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. SQL Server 2012 T-SQL Recipes is an example-based guide to the Transact-SQL language that is at the core of SQL Server 2012. It provides ready-to-implement solutions to common programming and database administration tasks. Learn to create databases, insert and update data, generate reports, secure your data, and more. Tasks and their solutions are broken down into a problem/solution format that is quick and easy to read so that you can get the job done fast when the pressure is on. Solutions in this book are divided into chapters by problem domain. Each chapter is a collection of solutions around a single facet of the language such as writing queries, developing triggers, and applying aggregate functions. Each solution is presented code-first, giving you a working code example to copy from and implement immediately in your own environment. Following each example is an in-depth description of how and why the given solution works. Tradeoffs and alternative approaches are also discussed. Focused on solutions: Look up what you need to do. Learn how to do it. Do it. Current: Newly updated for SQL Server 2012 Comprehensive: Covers all common T-SQL problem domains

This book is intended to teach the basics of using the MySQL relational database management system (RDBMS) to create and manage databases and is ideal for those unfamiliar with both databases in general and MySQL in particular. Topics covered include the basics of relational databases, database architecture, an overview of the MySQL administration tools, database security implementation and detailed tutorials on using SQL to create, manage and retrieve data from MySQL based databases.

The new edition of the ultimate comprehensive guide to Microsoft Visual Basic Where most VB books start with beginner level topics, Mastering Visual Basic 2010 vaults you right into intermediate and advanced coverage. From the core of the language and user interface design to developing data-driven applications, this detailed book brings you thoroughly up to

speed and features numerous example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development environment (IDE), which includes C#, C++, Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Helps you build your own applications by supplying sample code you can use to start development Includes review exercises in each chapter to reinforce concepts as you learn All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. This is a concise yet thorough reference to C# 3.0 programming as implemented in Microsoft's Visual Studio 2008. C# 3.0 in a Nutshell gets right to the point, covering the essentials of language syntax and usage as well as the parts of the .NET base class libraries you need to build working applications. But unlike earlier editions, this book is now organized entirely around concepts and use cases, providing greater depth and readability. C# 3.0 introduces the most significant enhancements yet to the programming language, and C# 3.0 in a Nutshell delves deep into the subject while assuming minimal prior knowledge of C#-making it accessible to anyone with a reasonable background in programming. In addition to the language, the book covers the .NET CLR and the core Framework assemblies, along with the unified querying syntax called Language Integrated Query (LINQ), which bridges the traditional divide between programs and their data sources. Free of clutter and long introductions, this book provides a map of C# 3.0 knowledge in a succinct and unified style: Opening chapters concentrate purely on C#, starting with the basics of syntax, types and variables, and finishing with advanced topics such as unsafe code and preprocessor directives Later chapters cover the core .NET 3.5 Framework, including such topics as LINQ, XML, collections, I/O and networking, memory management, reflection, attributes, security, threading, application domains and native interoperability Designed as a handbook for daily use, C# 3.0 in a Nutshell is an ideal companion to any of the vast array of books that focus on an applied technology such as WPF, ASP.NET, or WCF. The areas of the language and .NET Framework that such books omit, this one covers in detail.

When you have a question about C# 5.0 or the .NET CLR, this bestselling guide has precisely the answers you need. Uniquely organized around concepts and use cases, this updated fifth edition features a reorganized section on concurrency, threading, and parallel programming—including in-depth coverage of C# 5.0's new asynchronous functions. Shaped by more than 20 expert reviewers, including Microsoft's Eric Lippert, Stephen Toub, Chris Burrows, and Jon Skeet, this book has all you need to stay on track with C# 5.0. It's widely known as the definitive reference on the language. Get up to speed on C# language basics, including syntax, types, and variables Explore advanced topics such as unsafe code and type variance Dig deep into LINQ via three chapters dedicated to the topic Learn about code contracts, dynamic programming, and parallel programming Work with .NET features, including reflection, assemblies, memory management, security, I/O, XML, collections, networking, and native interoperability "C# 5.0 in a Nutshell is one of the few books I keep on my desk as a quick reference." —Scott Guthrie, Microsoft "Whether you're a novice programmer or an expert who wants to improve your knowledge of modern asynchronous programming techniques, this book has the information you need to get the job done in C#." —Eric Lippert, Microsoft

The most comprehensive guide to learning and maximizing the latest version of ColdFusion. Inside ColdFusion MX begins with a discussion of ColdFusion MX and how it differs from previous versions of ColdFusion. The authors discuss the new ColdFusion Administration/Administration, integration with existing IDE's, recent language extensions, and the planning and development of ColdFusion applications under the new CF architecture. The book delves into a detailed discussion of the CFML language, the heart-and-soul of ColdFusion application development, including real-world example code and discussion on how to solve common problems. Coverage includes advanced application development topics, such as exception handling, interacting with other application/server resources, and extending ColdFusion MX with other technologies. The book discusses complex topics in an easy-to-follow and easy-to-understand way, focusing on the questions developers will ask when using the book for problem-solving.

Foundations of PEARRapid PHP DevelopmentApress

VB Programmers: Get in Step with .NET With the introduction of Visual Basic .NET, VB transcends its traditional second-class status to become a full-fledged citizen of the object-oriented programming, letting you access the full power of the Windows platform for the first time. Written by the author of the best-selling Mastering Visual Basic 6 this all-new edition is the resource you need to make a successful transition to .NET. Comprising in-depth explanations, practical examples, and handy reference information, its coverage includes: Mastering the new Windows Forms Designer and controls Building dynamic forms Using powerful Framework classes such as ArrayLists and HashTables Persisting objects to disk files Handling graphics and printing Achieving robustness via structured exception handling and debugging Developing your own classes and extending existing ones via inheritance Building custom Windows controls Building menus and list controls with custom-drawn items Using ADO.NET to build disconnected, distributed applications Using SQL queries and stored procedures with ADO.NET Facilitating database programming with the visual database tools Building web applications with ASP.NET and the rich web controls Designing web applications to access databases Using the DataGrid and DataList web controls Building XML web services to use with Windows and web applications Special topics like the Multiple Document Interface and powerful recursive programming techniques Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

When you have questions about C# 8.0 or .NET Core, this best-selling guide has the answers you need. C# is a language of unusual flexibility and breadth, but with its continual growth there's so much more to learn. In the tradition of the O'Reilly Nutshell guides, this thoroughly updated edition is simply the best one-volume reference to the C# language available today. Organized around concepts and use cases, C# 8.0 in a Nutshell provides intermediate and advanced programmers with a concise map of C# and .NET knowledge that also plumbs significant depths. Get up to speed on C#, from syntax and variables to advanced topics such as pointers, closures, and patterns Dig deep into LINQ with three chapters dedicated to the topic Explore concurrency and asynchrony, advanced threading, and parallel programming Work with .NET features, including regular expressions, networking, serialization, spans, reflection, and cryptography Delve into Roslyn, the modular C# compiler as a service

The Ruby Way assumes that the reader is already familiar with the subject matter. Using many code samples it focuses on "how-to use Ruby" for specific applications, either as a stand-alone language, or in conjunction with other languages. Topics covered include: Simple data tasks; Manipulating structured data; External data manipulation; User interfaces; Handling threads; System programming; Network and web

programming; Tools and utilities. Note: The appendices offer instruction on migrating from Perl and Python to Ruby, and extending Ruby in C and C++.

A guide for experienced programmers demonstrates the core JavaScript language, offers examples of common tasks, and contains an extensive reference to JavaScript commands, objects, methods, and properties.

SQL Server T-SQL Recipes is an example-based guide to the Transact-SQL language that is at the core of SQL Server. This edition has been lightly updated for SQL Server 2014 and provides ready-to-implement solutions to common programming and database administration tasks. Learn to create databases, create in-memory tables and stored procedures, insert and update data, generate reports, secure your data, and more. Tasks and their solutions are broken down into a problem/solution format that is quick and easy to read so that you can get the job done fast when the pressure is on. Solutions in this book are divided into chapters by problem domain. Each chapter is a collection of solutions around a single facet of the language such as writing queries, managing indexes, error handling, and query performance. Each solution is presented code-first, giving you a working code example to copy from and implement immediately in your own environment. Following each example is an in-depth description of how and why the given solution works. Tradeoffs and alternative approaches are also discussed. Focused on solutions: Look up what you need to do. Learn how to do it. Do it. Current: Lightly updated for SQL Server 2014 Comprehensive: Covers all common T-SQL problem domains

Pro PHP Application Performance will help you understand all the technologies and components which play a role in how well your applications run. When seconds can mean the difference between retaining a user and losing a user, it's important for all of us to have optimization as part of our project roadmap. But what components within your application should you analyze? How should you optimize? And how can you measure how well your application is performing? These are some of the questions that are answered in this book. Along the way you will also learn the "why" of optimizing. You'll discover why you should optimize a specific component, why selecting one function over another is beneficial, and how to find and use the optimization tools available to the open source community. You'll also learn how to deploy caching software as well as web server software. Pro PHP Application Performance will also teach you more advanced techniques, such as:

- Using Xdebug to profile functions that are not running as efficiently as possible.
- Comparing opcode executed by different PHP functions to narrow the search for functions that run efficiently.
- Using strace to analyze Apache while your application is served to the user.

Once you complete this book you will have a complete sense of where to start optimizing and, most importantly, have the tools which allow you to continue optimizing in other PHP applications going forward.

When you have questions about C# 9.0 or .NET 5, this best-selling guide has the answers you need. C# is a language of unusual flexibility and breadth, but with its continual growth there's so much more to learn. In the tradition of O'Reilly's Nutshell guides, this thoroughly updated edition is simply the best one-volume reference to the C# language available today. Organized around concepts and use cases, C# 9.0 in a Nutshell provides intermediate and advanced programmers with a concise map of C# and .NET that also plumbs significant depths. Get up to speed on C#, from syntax and variables to advanced topics such as pointers, records, closures, and patterns Dig deep into LINQ with three chapters dedicated to the topic Explore concurrency and asynchrony, advanced threading, and parallel programming Work with .NET features, including regular expressions, networking, spans, reflection, and cryptography

Learn how to advance your skill level of Haskell, and use this language for practical web development. This book uses a direct, no nonsense approach, so you no longer need to spend extra time reading the documentation, blog posts, and forums to understand how to use Haskell – all that knowledge is provided in one coherent resource. You'll start by reviewing how multiple facets of web development are done in Haskell, such as routing, building HTMLs, interacting with databases, caches, and queues, etc. You'll then move on to using notable libraries, such as "scotty" for routings, "digestive-functor" for input validation, and "postgresql-simple" for interacting with databases. In the later chapters, you'll learn how all of these libraries can be used together by working on a fully functioning project deployed on Heroku. What You'll Learn Set up a productive Haskell development environment Review basic tasks that are encountered when building web applications. Explore how to interact with external systems, such as databases, queues, and RESTful APIs. Build a RESTful API, website, building views and form validation. Who This Book Is For Software developers familiar Haskell and would like to apply the knowledge on real world applications and software developers new to Haskell.

The author demonstrates to developers how to use the web service to build custom applications with interactive mapping abilities for the desktop, the Web, and for mobile devices.

Understanding WMI Scripting explains to Windows and Exchange Administrators how they can use the Windows Management Instrumentation (WMI) scriptable technology available in these products to ease their day-to-day management tasks. Under Windows.NET and Exchange 2000 (SP2), Microsoft is making solid enhancements in WMI. This will dramatically extend the scripting and manageability capabilities of Windows and Exchange. Illustrated with more than three hundred samples, the book links practical problems encountered by administrators to applicable scriptable solutions. Lissour focuses not on MI programming aspects for developers but on how administrators can use what is available in Windows and Exchange for their admin work. WMI is a very important topic under Windows.NET and Exchange 2000 (SP2), so this book provides real added value to Windows/Exchange administrators. Although Exchange relies on Windows, no other book combines coverage of Windows and Exchange.

- Fine tune management of Windows servers
- Achieve better system management and customize critical operations
- Access hundreds of usable scripts in book and downloadable from web

What people are saying about C# 4.0 in a Nutshell "C# 4.0 in a Nutshell is one of the few books I keep on my desk as a quick reference. It is a book I recommend."--Scott Guthrie, Corporate Vice President, .NET Developer Platform, Microsoft Corporation "A must-read for a concise but thorough examination of the parallel programming features in the .NET Framework 4."--Stephen Toub, Parallel Computing Platform Program Manager, Microsoft "This wonderful book is a great reference for developers of all levels."-- Chris Burrows, C# Compiler Team, Microsoft When you have questions about how to use C# 4.0 or the .NET CLR, this highly acclaimed bestseller has precisely the answers you need. Uniquely organized around concepts and use cases, this fourth edition includes in-depth coverage of new C# topics such as parallel programming, code contracts, dynamic programming, security, and COM interoperability. You'll also find updated information on LINQ, including examples that work with both LINQ to SQL and Entity Framework. This book has all the essential details to keep you on track with C# 4.0. Get up to speed on C# language basics, including syntax, types, and variables Explore advanced topics such as unsafe code and preprocessor directives Learn C# 4.0 features such as dynamic binding, type parameter variance, and optional and named parameters Work with .NET 4's rich set of features for parallel programming, code contracts, and the code security model Learn .NET topics, including XML, collections, I/O and networking, memory management, reflection, attributes, security, and native interoperability

Why reinvent the wheel every time you run into a problem with JavaScript? This cookbook is chock-full of code recipes that address common programming tasks, as well as techniques for building web apps that work in any browser. Just copy and paste the code samples into your project—you'll get the job done faster and learn more about JavaScript in the process. You'll also learn how to take advantage of the latest features in ECMAScript 5 and HTML5, including the new cross-domain widget communication technique, HTML5's video and audio elements, and the drawing canvas. You'll find recipes for using these features with JavaScript to build high-quality application interfaces. Create interactive web and desktop applications Work with JavaScript objects, such as String, Array, Number, and Math Use JavaScript with Scalable Vector Graphics (SVG) and the canvas element Store data in various ways, from the simple to the complex Program the new HTML5 audio and video elements Implement concurrent programming with Web Workers Use and create jQuery plug-ins Use ARIA and

JavaScript to create fully accessible rich internet applications

Written by an expert in the development of GPS systems with digital maps and navigation, *Programming GPS and OpenStreetMap Applications with Java: The RealObject Application Framework* provides a concrete paradigm for object-oriented modeling and programming. It presents a thorough introduction to the use of available global positioning data for the development of applications involving digital maps. The author first describes the different formats of GPS data and digital maps and shows how to use recorded GPS traces to replay and display this data on a digital map. Then, he works through in detail the processing steps of obtaining dedicated data from OpenStreetMaps and how to extract a network for a simple navigation application. For each topic covered—GPS data, OpenStreetMaps, and navigation—Java code is developed that can easily be adapted to the readers' needs and locality. Finally, all components are put together in a sample computer-game application modeled on the well-known board game, Scotland Yard. The computer game is intended to be a basis from which readers can develop and customize their own application for their desired geographical area. The developed application can be "published" on the Internet and made available for interactive multiplayer competition. This book provides a fun and interesting way to learn distributed programming with Java and real-world data. Open-source software is available on a companion website at [www.roaf.de](http://www.roaf.de)

The Ruby Programming Language is the authoritative guide to Ruby and provides comprehensive coverage of versions 1.8 and 1.9 of the language. It was written (and illustrated!) by an all-star team: David Flanagan, bestselling author of programming language "bibles" (including *JavaScript: The Definitive Guide* and *Java in a Nutshell*) and committer to the Ruby Subversion repository. Yukihiro "Matz" Matsumoto, creator, designer and lead developer of Ruby and author of *Ruby in a Nutshell*, which has been expanded and revised to become this book. why the lucky stiff, artist and Ruby programmer extraordinaire. This book begins with a quick-start tutorial to the language, and then explains the language in detail from the bottom up: from lexical and syntactic structure to datatypes to expressions and statements and on through methods, blocks, lambdas, closures, classes and modules. The book also includes a long and thorough introduction to the rich API of the Ruby platform, demonstrating -- with heavily-commented example code -- Ruby's facilities for text processing, numeric manipulation, collections, input/output, networking, and concurrency. An entire chapter is devoted to Ruby's metaprogramming capabilities. The Ruby Programming Language documents the Ruby language definitively but without the formality of a language specification. It is written for experienced programmers who are new to Ruby, and for current Ruby programmers who want to challenge their understanding and increase their mastery of the language.

Build mobile apps that specifically target your company's unique business needs, with the same ease of writing a simple spreadsheet! With this book, you will build business apps designed to work with your company's systems and databases, without having to enlist the expertise of costly, professionally trained software developers. In *Beginning PowerApps*, author and business applications expert Tim Leung guides you step-by-step through the process of building your own mobile app. He assumes no technical background, although if you have worked with Excel, you are one step closer. He guides you through scenarios, such as what to do if you have existing databases with complex data structures and how to write screens that can connect to those data. You will come away with an understanding of how to set up screen navigation, manipulate data from within apps, and write solutions to perform specific tasks. What You'll Learn Connect with data Write formulas Visualize your data through charts Work with global positioning systems (GPS) Build flows Import and export data Manage offline scenarios Develop custom application programming interfaces (API) Who This Book Is For Beginners and non-developers, and assumes no prior knowledge of PowerApps

This book has been carefully constructed to be your one stop resource for locating the PEAR package you need. It is the first book that devotes exclusive coverage to PEAR covering key items and topics missing in the online documentation. We have carefully selected the most useful and widely used packages for inclusion in this book. You'll find the packages inside broken down logically by function. Each package is covered in detail, yet presented in a fashion that allows you to quickly jump to the key items you need to implement a solution. Armed with the knowledge in this book, you will be set to take your PHP development to a new level.

Sanders covers JavaScript and its interaction with XML, ASP.NET, PHP, Perl, Flash, and Cold Fusion. Focuses on the issues of using JavaScript with Web pages; i.e. DOM, frames, forms, DHTML, etc. Has an easy-to-use example Glossary for quick lookup of JavaScript terms, statements, objects, methods, event handlers, and commands--each accompanied by an example.

Extend your skills with Odoo 12 to build resourceful and open source business applications Key Features Explore Odoo 12 capabilities to develop business applications Program business logic and manipulate data to implement specific business rules in your applications Integrate Python APIs for building customizable and scalable business logic Book Description Odoo is one of the best platforms for open source ERP and CRM. Its latest version, Odoo 12, brings with it new features and updates in Python packages to develop more customizable applications with additional cloud capabilities. The book begins by covering the development essentials for building business applications. You will start your journey by learning how to install and configure Odoo, and then transition from having no specific knowledge of Odoo to being ready for application development. You will develop your first Odoo application and understand topics such as models and views. Odoo 12 Development Essentials will also guide you in using server APIs to add business logic, helping you lay a solid foundation for advanced topics. As you progress through the chapters, you will be equipped to build and customize your applications and explore the new features in Odoo 12, such as cloud integration, to scale your business applications. You will get insights into building business logic and integrating various APIs into your application. By the end of the book, you will be able to build a business application from scratch by using the latest version of Odoo. What you will learn Manage Odoo server instances Create a new Odoo application from scratch using the most frequently used elements Develop new models and use inheritance to extend existing models Use ORM methods in the Odoo server and from external clients Create Kanban views using QWeb effectively Build custom web and website CMS pages Use external APIs to integrate Odoo with external applications Add automated tests and techniques to debug module business logic Who this book is for If you are a developer familiar with Python and MVC design and want to build business applications using Odoo, this book is for you.

Grasp advanced PowerShell 7.1 functionalities for effective automation of your environment Key Features Automate complex tasks, manipulate data, and secure your environment Work with dual code for PowerShell 7 and Windows PowerShell to maintain compatibility with older versions See PowerShell in action, from learning the fundamentals to creating classes, scripts, and modules Book Description PowerShell scripts offer a convenient way to automate various tasks, although working effectively with these scripts can be challenging. Mastering PowerShell Scripting helps you to navigate through PowerShell's capabilities. This extensively revised edition includes new chapters on debugging and troubleshooting and creating GUIs (online chapter). Learn the new features of PowerShell 7.1 by working with parameters, objects, and .NET classes from within PowerShell 7.1. This

comprehensive guide starts with the basics before moving on to advanced topics, including asynchronous processing, desired state configuration, using more complex scripts and filters, debugging issues, and error-handling techniques. Explore how to efficiently manage substantial amounts of data and interact with other services using PowerShell 7.1. This book will help you to make the most of PowerShell's automation features, using different methods to parse data, manipulate regular expressions, and work with Windows Management Instrumentation (WMI). What you will learn Optimize code with functions, switches, and looping structures Test and debug your scripts as well as raising and catching errors Work with objects and operators to test and manipulate data Parse and manipulate different data types Use jobs, runspaces, and runspace pools to run code asynchronously Write .NET classes with ease within PowerShell Create and implement regular expressions in PowerShell scripts Make use of advanced techniques to define and restrict the behavior of parameters Who this book is for This book is for system administrators who want to automate and speed up their processes using PowerShell and Windows PowerShell. Some familiarity with operating systems would be useful, but not essential.

The book provides a description of the Standard ML (SML) Basis Library, the standard library for the SML language. For programmers using SML, it provides a complete description of the modules, types and functions composing the library, which is supported by all conforming implementations of the language. The book serves as a programmer's reference, providing manual pages with concise descriptions. In addition, it presents the principles and rationales used in designing the library, and relates these to idioms and examples for using the library. A particular emphasis of the library is to encourage the use of SML in serious system programming. Major features of the library include I/O, a large collection of primitive types, support for internationalization, and a portable operating system interface. This manual will be an indispensable reference for students, professional programmers, and language designers.

Application developers, take note: databases aren't just for the IS group any more. You can build database-backed applications for the desktop, Web, embedded systems, or operating systems without linking to heavy-duty client-server databases such as Oracle and MySQL. This book shows you how to use SQLite, a small and lightweight relational database engine that you can build directly into your application. With SQLite, you'll discover how to develop a database-backed application that remains manageable in size and complexity. This book guides you every step of the way. You'll get a crash course in data modeling, become familiar with SQLite's dialect of the SQL database language, and much more. Learn how to maintain localized storage in a single file that requires no configuration Build your own SQLite library or use a precompiled distribution in your application Get a primer on SQL, and learn how to use several language functions and extensions Work with SQLite using a scripting language or a C-based language such as C# or Objective-C Understand the basics of database design, and learn how to transfer what you already know to SQLite Take advantage of virtual tables and modules "Complex SQL concepts explained clearly." --D. Richard Hipp, creator of SQLite

The high accuracy of modern astronomical spatial-temporal reference systems has made them considerably complex. This book offers a comprehensive overview of such systems. It begins with a discussion of 'The Problem of Time', including recent developments in the art of clock making (e.g., optical clocks) and various time scales. The authors address the definitions and realization of spatial coordinates by reference to remote celestial objects such as quasars. After an extensive treatment of classical equinox-based coordinates, new paradigms for setting up a celestial reference system are introduced that no longer refer to the translational and rotational motion of the Earth. The role of relativity in the definition and realization of such systems is clarified. The topics presented in this book are complemented by exercises (with solutions). The authors offer a series of files, written in Maple, a standard computer algebra system, to help readers get a feel for the various models and orders of magnitude. Beyond astrometry, the main fields of application of high-precision astronomical spatial-temporal reference systems and frames are navigation (GPS, interplanetary spacecraft navigation) and global geodynamics, which provide a high-precision Celestial Reference System and its link to any terrestrial spatial-temporal reference system. Mankind's urgent environmental questions can only be answered in the context of appropriate reference systems in which both aspects, space and time, are realized with a sufficiently high level of accuracy. This book addresses all those interested in high-precision reference systems and the various techniques (GPS, Very Long Baseline Interferometry, Satellite Laser Ranging, Lunar Laser Ranging) necessary for their realization, including the production and dissemination of time signals.

This book is not a guide of Python, is a range of useful tips, advices and useful code I use in my scripts. I hope this book is worth for you.

Part of the New Perspectives Series, this thorough, engaging includes everything readers need to learn to create simple to complex Web sites using HTML5, CSS3, and Dynamic HTML. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Describes the programming features of Microsoft Outlook 2007, covering such topics as Outlook VBA, forms, COM addins, and task management system features.

When you have a question about C# 6.0 or the .NET CLR, this bestselling guide has precisely the answers you need. Uniquely organized around concepts and use cases, this updated sixth edition includes completely revised and updated information on all the new C# 6.0 language features. Shaped by expert reviewers, this book has all you need to stay on track with C# 6.0. It's widely known as the definitive reference on the language. Get up to speed on C# language basics, including syntax, types, and variables; explore advanced topics such as unsafe code and type variance; dig deep into LINQ via three chapters dedicated to the topic; learn about code contracts, dynamic programming, and parallel programming; work with .NET features, including reflection, assemblies, memory management, security, I/O, XML, collections, networking, and native interoperability.

This guide for practicing statisticians, data scientists, and R users and programmers will teach the essentials of preprocessing: data leveraging the R programming language to easily and quickly turn noisy data into usable pieces of information. Data wrangling, which is also commonly referred to as data munging, transformation, manipulation, janitor work, etc., can be a painstakingly laborious process. Roughly 80% of data analysis is spent on cleaning and preparing data; however, being a prerequisite to the rest of the data analysis workflow (visualization, analysis, reporting), it is essential that one become fluent and efficient in data wrangling techniques. This book will guide the user through the data wrangling process via a step-by-step tutorial approach and provide a solid foundation for working with data in R. The author's goal is to teach the user how to easily wrangle data in order to spend more time on understanding the content of the data. By the end of the book, the user will have learned: How to work with different types of data such as numerics, characters, regular expressions, factors, and dates The difference between

