Tk In A Nutshell (In A Nutshell (O'Reilly))

R in a Nutshell

Wozu sollte man R lernen? Da gibt es viele Gründe: Weil man damit natürlich ganz andere Möglichkeiten hat als mit einer Tabellenkalkulation wie Excel, aber auch mehr Spielraum als mit gängiger Statistiksoftware wie SPSS und SAS. Anders als bei diesen Programmen hat man nämlich direkten Zugriff auf dieselbe, vollwertige Programmiersprache, mit der die fertigen Analyse- und Visualisierungsmethoden realisiert sind – so lassen sich nahtlos eigene Algorithmen integrieren und komplexe Arbeitsabläufe realisieren. Und nicht zuletzt, weil R offen gegenüber beliebigen Datenquellen ist, von der einfachen Textdatei über binäre Fremdformate bis hin zu den ganz großen relationalen Datenbanken. Zudem ist R Open Source und erobert momentan von der universitären Welt aus die professionelle Statistik. R kann viel. Und Sie können viel mit R machen – wenn Sie wissen, wie es geht. Willkommen in der R-Welt: Installieren Sie R und stöbern Sie in Ihrem gut bestückten Werkzeugkasten: Sie haben eine Konsole und eine grafische Benutzeroberfläche, unzählige vordefinierte Analyse- und Visualisierungsoperationen – und Pakete, Pakete, Pakete. Für quasi jeden statistischen Anwendungsbereich können Sie sich aus dem reichen Schatz der R-Community bedienen. Sprechen Sie R! Sie müssen Syntax und Grammatik von R nicht lernen – wie im Auslandsurlaub kommen Sie auch hier gut mit ein paar aufgeschnappten Brocken aus. Aber es lohnt sich: Wenn Sie wissen, was es mit R-Objekten auf sich hat, wie Sie eigene Funktionen schreiben und Ihre eigenen Pakete schnüren, sind Sie bei der Analyse Ihrer Daten noch flexibler und effektiver. Datenanalyse und Statistik in der Praxis: Anhand unzähliger Beispiele aus Medizin, Wirtschaft, Sport und Bioinformatik lernen Sie, wie Sie Daten aufbereiten, mithilfe der Grafikfunktionen des lattice-Pakets darstellen, statistische Tests durchführen und Modelle anpassen. Danach werden Ihnen Ihre Daten nichts mehr verheimlichen.

Das Wunder von Berlin

Der Millionenseller aus den USA Von Beginn an ist es eine Reise mit unwahrscheinlichem Ausgang: Neun junge Männer aus der amerikanischen Provinz machen sich 1936 auf den Weg nach Berlin, um die Goldmedaille im Rudern zu gewinnen. Daniel James Brown schildert das Schicksal von Joe Rantz, einem Jungen ohne Perspektive, der rudert, um den Dämonen seiner Vergangenheit zu entkommen und seinen Platz in der Welt zu finden. Wie er und seine Freunde vor den laufenden Kameras Leni Riefenstahls den Nazis ihre Propagandashow stehlen, ist ein atemberaubendes Abenteuer und zugleich das eindringliche Porträt einer Ära. Eine unvergessliche wahre Geschichte von Entschlossenheit, Überleben und Mut.

UML in a Nutshell

The Unified Modeling Language (UML), for the first time in the history of systems engineering, gives practitioners a common language. This concise quick reference explains how to use each component of the language, including its extension mechanisms and the Object Constraint Language (OCL)

Rails Kochbuch

Nach landläufiger Meinung leben Geeks von Cola und TK-Pizza, die sie nachts am Rechner geistesabwesend in sich reinschlingen. Soweit das Klischee! Dass aber Kochen viel mit Programmieren zu tun hat, dass es nämlich ähnlich kreativ ist, dass viele Wege zum individuellen Ziel führen und dass manche Rezepte einfach nur abgefahren und – ja, geekig sind: Das zeigen zwei Köchinnen in diesem Buch. Das in der bewährten O'Reilly-Rezeptstruktur aus Problem, Lösung und Diskussion aufgebaute Kochbuch gliedert sich in drei Teile. Im ersten Teil (für das \"Larvenstadium\") werden die absoluten Anfänger und ganz hilflosen Geeks an

die Hand genommen. Einfachste coole Rezepte nehmen die Schwellenangst und machen Lust auf mehr. Im zweiten Teil (\"für Mamas Liebling\") werden schon richtige Mahlzeiten zubereitet – alle Rezepte haben dabei immer etwas Besonderes, weichen von den ausgetretenen Pfaden ab. Und im dritten Teil gibt es Rezepte für den echten \"Küchengeek\

Das Kochbuch für Geeks

Python ist eine moderne, interpretierte, interaktive und objektorientierte Skriptsprache, vielseitig einsetzbar und sehr beliebt. Mit mathematischen Vorkenntnissen ist Python leicht erlernbar und daher die ideale Sprache für den Einstieg in die Welt des Programmierens. Das Buch führt Sie Schritt für Schritt durch die Sprache, beginnend mit grundlegenden Programmierkonzepten, über Funktionen, Syntax und Semantik, Rekursion und Datenstrukturen bis hin zum objektorientierten Design. Jenseits reiner Theorie: Jedes Kapitel enthält passende Übungen und Fallstudien, kurze Verständnistests und klein.

Programmieren lernen mit Python

\"Whether you're looking to change messaging servers, modify your administration tasks to a simpler and more efficient level, or ensure the security and flexibility of your web application server, Lotus Domino Administration in a Nutshell will give you the everyday help you need to make the most of this reliable and scalable integrated server platform.\"--Jacket.

Lotus Domino Administration in a Nutshell

Translational Interventional Radiology, a volume in the Handbook for Designing and Conducting Clinical and Translational Research series, covers the principles of evidence-based medicine and applies these principles to the design of translational investigations in Interventional Radiology. The reader will come to fully understand important concepts including case-control study, prospective cohort study, randomized trial, and reliability study. Medical researchers will benefit from greater confidence in their ability to initiate and execute their own investigations, avoid common pitfalls in Interventional Radiology, and know what is needed for successful collaboration. Further, this reference is an indispensable tool in grant writing and funding efforts. The practical, straightforward approach helps aspiring investigators navigate challenging considerations in study design and implementation. This book provides valuable discussions of the critical appraisal of published studies in Interventional Radiology, elucidating the evaluation of the quality with respect to measuring outcomes and making effective use of all types of evidence in patient care. In short, this practical guide will be of interest to every medical researcher and interventional radiologist who has ever had a good clinical idea but not the knowledge of how to test it. - Focuses on the principles of evidence-based medicine and applies these principles to the design of translational investigations within interventional radiology - Provides a practical, straightforward approach that helps investigators navigate challenging considerations in study design and implementation - Details discussions of the critical appraisal of published studies in interventional radiology, supporting evaluation with respect to measuring outcomes and making effective use of all types of evidence in patient care

Translational Interventional Radiology

Introduces the basic rules of XML syntax for document markup, the details of document type definition (DTD) creation, and the APIs used to read and write XML documents in a variety of programming languages. A series of quick-reference chapters lists syntax rules for XPath, XSLT, SAX, and DOM. c. Book News Inc.

XML in a Nutshell

Apache is the most popular web server on the Internet because it is free, reliable, and extensible. The availability of the source code and the modular design of Apache makes it possible to extend web server functionality through the Apache API. For the most part, however, the Apache API has only been available to C programmers, and requires rebuilding the Apache server from source. mod_perl, the popular Apache module used primarily for enhanced CGI performance, changed all that by making the Apache API available to Perl programmers. With mod_perl, it becomes simple to develop Apache modules with Perl and install them without having to rebuild the web server. Writing Apache Modules with Perl and C shows how to extend web server capabilities regardless of whether the programming language is Perl or C. The book explains the design of Apache, mod_perl, and the Apache API. It then demonstrates how to use them to perform for tasks like the following: Rewriting CGI scripts as Apache modules to vastly improve performance Server-side filtering of HTML documents, to embed special markup or code (much like SSI) Enhancing server log functionality Converting file formats on the fly Implementing dynamic navigation bars Incorporating database access into CGI scripts Customizing access control and authorization to block robots or to use an external database for passwords The authors are Lincoln Stein and Doug MacEachern. Lincoln is the successful author of How to Set Up and Maintain a World Wide web Site and the developer of the widely used Perl CGI.pm module. Doug is a consultant and the creator of the innovative mod_perl Apache module.

Writing Apache Modules with Perl and C

Was lernen Sie in diesem Buch? Es ist kein Geheimnis, dass die Welt um Sie herum immer computerbasierter, vernetzter, konfigurier- und programmierbarer wird. Sie können passiv daran teilhaben – oder Sie können lernen zu programmieren. In diesem Buch erfahren Sie, wie Sie Code schreiben, mit dem Sie Ihren Computer, Ihr Mobilgerät oder alles, was sich programmieren lässt, dazu bringen, Dinge für Sie zu tun. Mit der Programmiersprache Python erarbeiten Sie sich Schritt für Schritt die Grundkonzepte der Programmierung sowie viele grundlegende Themen der Informatik wie Speicherung, Datenstrukturen, Abstraktion, Rekursion oder Modularität. Warum sieht dieses Buch so anders aus? In dieses Buch sind die neuesten Erkenntnisse der Kognitionsforschung und der Lerntheorie eingeflossen, um Ihnen das Lernen so einfach wie möglich zu machen. Statt einschläfernder Bleiwüsten verwendet dieses Buch eine Vielzahl von Abbildungen und Textstilen, die Ihr Gehirn auf Trab halten und Ihnen das Wissen direkt ins Hirn spielen – und zwar so, dass es sitzt.

Programmieren lernen von Kopf bis Fuß

Software -- Operating Systems.

Termcap and Terminfo

Today's hottest Internet technologies, they also explore the important issues regarding precisely what is at stake for a society with greater and growing ties to cyberspace. Topics in this timely collection include privacy and security, property rights, censorship, telecommunications regulation, and the global impact of emerging Internet technologies.

Windows Magazine

Covers advanced features of Perl, how the Perl interpreter works, and presents areas of modern computing technology such as networking, user interfaces, persistence, and code generation.

The Harvard Conference on the Internet & Society

This easy-to-follow and classroom-tested textbook guides the reader through the fundamentals of programming with Python, an accessible language which can be learned incrementally. Features: incudes

numerous examples and practice exercises throughout the text, with additional exercises, solutions and review questions at the end of each chapter; highlights the patterns which frequently appear when writing programs, reinforcing the application of these patterns for problem-solving through practice exercises; introduces the use of a debugger tool to inspect a program, enabling students to discover for themselves how programs work and enhance their understanding; presents the Tkinter framework for building graphical user interface applications and event-driven programs; provides instructional videos and additional information for students, as well as support materials for instructors, at an associated website.

Advanced Perl Programming

Eighteen full papers and eight short presentations from international engineers and researchers discuss current developments, new methodologies, and emerging trends in design verification and test. The focus of the sixth conference was on hardware-software embedded systems and system-on-chips. Topics include, for example, the automatic validation of pipeline specifications; the use of sequential ATPG for model checking; formal verification of the Pentium 4 multiplier; and using cutwidth to improve symbolic simulation and Boolean satisfiability. The volume is not indexed. c. Book News Inc.

Python Programming Fundamentals

Since its first volume in 1960, Advances in Computers has presented detailed coverage of innovations in hardware and software and in computer theory, design, and applications. It has also provided contributors with a medium in which they can examine their subjects in greater depth and breadth than that allowed by standard journal articles. As a result, many articles have become standard references that continue to be of significant, lasting value despite the rapid growth taking place in the field.

Sixth IEEE International High-Level Design Validation and Test Workshop

Google tut es, YouTube tut es, Zope und die NASA tun es - sie verwenden Python. Und das natürlich nicht ohne Grund! Python ist portabel, Open Source, modern, objektorientiert, mit schlankem Sprachkern bei gleichzeitig mächtigem Bibliotheksumfang. Für Anfä

Distributed Information Resources

This book gives you a firm grounding in every aspect of the JavaBeans component architecture.

Einführung in Python

Web Production for Writers and Journalists is a clear and practical guide to planning, setting up and managing a website. Supported by a regularly updated and comprehensive website at www.producing.routledge.com, the book includes: *illustrated examples of good page design and site content *online support tutorials and information at www.producing.routledge.com *advice on content, maintenance, and how to use sites effectively *an extensive list of resources and Internet terminology. Now written specifically for journalists and writers, the second edition includes: *a comprehensive section on how ethics and regulation affect web producers *tutorials for the main applications used by web producers today *information on incorporating Flash and video into a website *guides to good practice for students of journalism, broadcasting and media studies.

Developing Java Beans

Web Production for Writers and Journalists is a clear and practical guide to planning, setting up and managing a website. Supported by a regularly updated and comprehensive website at

www.producing.routledge.com, the book includes: *illustrated examples of good page design and site content *online support tutorials and information at www.producing.routledge.com *advice on content, maintenance, and how to use sites effectively *an extensive list of resources and Internet terminology. Now written specifically for journalists and writers, the second edition includes: *a comprehensive section on how ethics and regulation affect web producers *tutorials for the main applications used by web producers today *information on incorporating Flash and video into a website *guides to good practice for students of journalism, broadcasting and media studies.

Web Production for Writers and Journalists

Here, a concise, one-volume reference is all you need to have at your fingertips to make effective use of ASP.NET. ASP.NET is the successor to Active Server Pages and is the next generation technology for building dynamic web applications and web services for the .NET platform. With its documentation of the web-related classes in the .NET Framework Class Library, ASP.NET in a Nutshell is the definitive reference guide for developers of both applications and web services. Book jacket.

Producing for Web 2.0

The primary purpose of this book is to help scientists and engineers work ing intensively with computers to become more productive, have more fun, and increase the reliability of their investigations. Scripting in the Python programming language can be a key tool for reaching these goals [27,29]. The term scripting means different things to different people. By scripting I mean developing programs of an administering nature, mostly to organize your work, using languages where the abstraction level is higher and program ming is more convenient than in Fortran, C, C++, or Java. Perl, Python, Ruby, Scheme, and Tel are examples of languages supporting such high-level programming or scripting. To some extent Matlab and similar scientific com puting environments also fall into this category, but these environments are mainly used for computing and visualization with built-in tools, while script ing aims at gluing a range of different tools for computing, visualization, data analysis, file/directory management, user interfaces, and Internet communi cation. So, although Matlab is perhaps the scripting language of choiee in computational science today, my use of the term scripting goes beyond typi cal Matlab scripts. Python stands out as the language of choice for scripting in computational science because of its very elean syntax, rieh modulariza tion features, good support for numerical computing, and rapidly growing popularity. What Scripting is About.

ASP.NET in a Nutshell

This book is a thorough introduction to Java Message Service (JMS), the standard Java application program interface (API) from Sun Microsystems that supports the formal communication known as \"messaging\" between computers in a network. JMS provides a common interface to standard messaging protocols and to special messaging services in support of Java programs. The messages exchange crucial data between computers, rather than between users--information such as event notification and service requests. Messaging is often used to coordinate programs in dissimilar systems or written in different programming languages. Using the JMS interface, a programmer can invoke the messaging services of IBM's MQSeries, Progress Software's SonicMQ, and other popular messaging product vendors. In addition, JMS supports messages that contain serialized Java objects and messages that contain Extensible Markup Language (XML) pages. Messaging is a powerful new paradigm that makes it easier to uncouple different parts of an enterprise application. Messaging clients work by sending messages to a message server, which is responsible for delivering the messages to their destination. Message delivery is asynchronous, meaning that the client can continue working without waiting for the message to be delivered. The contents of the message can be anything from a simple text string to a serialized Java object or an XML document. Java Message Service shows how to build applications using the point-to-point and publish-and-subscribe models; how to use features like transactions and durable subscriptions to make an application reliable; and how to use messaging within Enterprise JavaBeans. It also introduces a new EJB type, the MessageDrivenBean, that is

part of EJB 2.0, and discusses integration of messaging into J2EE.

Python Scripting for Computational Science

As an open operating system, Unix can be improved on by anyone and everyone: individuals, companies, universities, and more. As a result, the very nature of Unix has been altered over the years by numerous extensions formulated in an assortment of versions. Today, Unix encompasses everything from Sun's Solaris to Apple's Mac OS X and more varieties of Linux than you can easily name. The latest edition of this bestselling reference brings Unix into the 21st century. It's been reworked to keep current with the broader state of Unix in today's world and highlight the strengths of t.

Server/workstation Expert

This dissertation deals with the development of a Virtual Reality-based construction site control centre for earth work in consideration of lean management principles. Beside the enhanced availability of information and increased transparency in presentation, a raise in the performance on-site by the use of a digital Kanban system could be proved.

Java Message Service

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.

UNIX in a Nutshell

This complete guide to the Perl programming language ranges widely through the Perl programmer's universe, gathering together in a convenient form a wealth of information about Perl itself and its application to CGI scripts, XML processing, network programming, database interaction, and graphical user interfaces. The book is an ideal reference for experienced Perl programmers and beginners alike.With more than a million dedicated programmers, Perl is proving to be the best language for the latest trends in computing and business, including network programming and the ability to create and manage web sites. It's a language that every Unix system administrator and serious web developer needs to know. In the past few years, Perl has found its way into complex web applications of multinational banks, the U.S. Federal Reserve, and hundreds of large corporations.In this second edition, Perl in a Nutshell has been expanded to include coverage of Perl 5.8, with information on Unicode processing in Perl, new functions and modules that have been added to the core language, and up-to-date details on running Perl on the Win32 platform. The book also covers Perl modules for recent technologies such as XML and SOAP.Here are just some of the topics contained in this book: Basic Perl reference Quick reference to built-in functions and standard modules CGI.pm and mod_perl XML::* modules DBI, the database-independent API for Perl Sockets programming LWP, the library for Web programming in Perl Network programming with the Net modules Perl/Tk, the Tk extension to Perl for graphical interfaces Modules for interfacing with Win32 systems As part of the successful \"in a Nutshell\" book series from O'Reilly & Associates, Perl in a Nutshell is for readers who want a single reference for all their needs.\"In a nutshell, Perl is designed to make the easy jobs easy, without making the hard jobs impossible.\"-- Larry Wall, creator of Perl

Anwendung von Lean-Prinzipien im Erdbau - Entwicklung eines Baustellenleitstands auf Basis von Virtual Reality

The fact that the Mac OS X comes without a printed manual is a real problem, since Mac OS X is so different from the operating system that came before it. Now David Pogue, the number one bestselling Macintosh

author, fills the gap with the definitive guide to Mac OS X.

Maximum PC

This is a programmer's complete guide to Visual Basic .NET. Starting with a sample application and a high-level map, the book jumps right into showing how the parts of .NET fit with VB .NET. Topics include the common language runtime, Windows Forms, ASP.NET, Web Forms, Web Services, ADO.NET, transactional applications, internationalization, security, and debugging.

Perl in a Nutshell

CD-ROM contains: programming examples from the book and a demo of the PythonWorks IDE.

Mac OS X

Ideal for X and UNIX programmers who want their software to be portable, this edition covers the current version of the X Windows System (X11R6.1), using Imake for non-UNIX systems such as Windows NT, and some of the quirks about using Imake under Open Windows/Solaris. Several sample sets of configuration files are described and are available free over the Net.

Programming Visual Basic .NET

This practical handbook is designed to help language teachers, teacher trainers, and students learn more about their options for using computer-assisted language learning (CALL) and develop an understanding of the theory and research supporting these options. The chapters in New Perspectives on CALL for Second Language Classrooms synthesize previous CALL theory and research and describe practical applications to both second and foreign language classrooms, including procedures for evaluating these applications. The implementation of CALL at the institutional level is also addressed, with attention to designing multimedia language laboratories and creating collaborative CALL-based projects between educational institutions. Although many chapters locate their descriptions of CALL activities and projects within the ESL/EFL setting, the principles and activities described are equally useful for other language settings. The book does not require prior knowledge of CALL, computers, or software. To assist readers, a glossary of CALL terms and an appendix of CALL Web sites are provided. The book also has its own accompanying Web site (http://www.erlbaum.com/callforL2classrooms) presenting chapter abstracts, author contact information, and regularly updated links to pedagogical, research, and teacher development sites. By integrating theoretical issues, research findings, and practical guidelines on different aspects of CALL, this book offers teachers multiple levels of resources for their own professional development, for needs-based creation of specific CALL activities, for curriculum design, and for implementation of institutional and inter-institutional CALL projects.

Python Standard Library

\"Enterprise JavaBeans\" provides a thorough introduction to EJB 1.1 and 1.0 for the enterprise software developer. It shows readers how to develop enterprise Beans to model their business objects a processes. The book teaches readers how to take advantage of the flexibility and simplicity this new powerful architecture provides.

Software Portability with Imake

The LEGO MINDSTORMS Robotics Invention System is a wildly popular kit for building mobile robots. Get the most out of the kit for hands-on robot projects, featuring descriptions of advanced mechanical

techniques, programming with third-party software, building sensors, working with more than one kits and sources of extra parts.

New Perspectives on CALL for Second Language Classrooms

A guide to the fundamentals of streamlining the Microsoft spreadsheet software using Visual Basic for Applications. Roman says he hates books full of humorous anecdotes, so if you want to hear his favorite jokes, come over some night and bring the beer. The book, on the other hand, should get users to the level at which they do not depend on any resource but the help file and maybe a good reference on Excel. He does not include a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

Enterprise JavaBeans

Unlike most other C++ books, this one emphasizes a practical, real world approach, including how to debug, how to make your code understandable to others, and how to understand other people's codes. Topics covered include good programming sytle, C++ syntax, debugging and optimization and common programming mistakes.

The Unofficial Guide to Lego Mindstorms Robots

One of the greatest strengths of the Perl programming language is its ability to manipulate large amounts of data. Database programming is therefore a natural fit for Perl, not only for business applications but also for CGI-based web and intranet applications.The primary interface for database programming in Perl is DBI. DBI is a database-independent package that provides a consistent set of routines regardless of what database product you use--Oracle, Sybase, Ingres, Informix, you name it. The design of DBI is to separate the actual database drivers (DBDs) from the programmer's API, so any DBI program can work with any database, or even with multiple databases by different vendors simultaneously.Programming the Perl DBI is coauthored by Alligator Descartes, one of the most active members of the DBI community, and by Tim Bunce, the inventor of DBI. For the uninitiated, the book explains the architecture of DBI and shows you how to write DBI-based programs. For the experienced DBI dabbler, this book reveals DBI's nuances and the peculiarities of each individual DBD.The book includes: An introduction to DBI and its design How to construct queries and bind parameters Working with database, driver, and statement handles Debugging techniques Coverage of each existing DBD A complete reference to DBI This is the definitive book for database programming in Perl.

Writing Excel Macros

Practical C++ Programming

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