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Linux DictionaryBinh Nguyen

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What is this book about? Professional Red Hat Enterprise Linux 3 is a complete professional guide to setting up, configuring, and deploying Red Hat Enterprise Linux in the corporate production environment. The book focuses on Enterprise Server and Advanced Server features, including the key areas of high availability with the Red Hat Cluster Suite, Red Hat Network Control Center, and Red Hat Enterprise applications such as the Content Management System and portal server. Other key unique features include kernel tuning for various performance profiles; advanced Apache configuration; Tux installation/maintenance; building high-performance FTP servers; building high-performance mail servers (which means replacing Sendmail); Mailing list management; how to efficiently add, remove, or modify 100 users at the same time; and a discussion of disk quota management and monitoring. What does this book cover? The key features of the book include the following: How to install and setup RHEL 3 How to deploy RHEL 3 in production environment How to manage an RHEL system using Perl and shell scripting Advanced administration tools How to use Red Hat network service Details on installation and setup of security tools Ability to use and deploy High Availability solutions provided with RHEL 3 Performance tuning How to use monitoring tools Ability to use RHEL to provide scalable infrastructure solutions.

????????Linus??????????:GTK+?GNOME???????:GUI?????,Glib,GTK+?GNOME???,??GUI????????,Gide,Glade?????????????????????????????,??????.

This document is designed to be a resource for those Linux users wishing to seek clarification on Linux/UNIX/POSIX related terms and jargon. At approximately 24000 definitions and two thousand pages it is one of the largest Linux related dictionaries currently available. Due to the rapid rate at which new terms are being created it has been decided that this will be an active project. We welcome input into the content of this document. At this moment in time half yearly updates are being envisaged. Please note that if you wish to find a 'Computer Dictionary' then see the 'Computer Dictionary Project' at http://computerdictionary.tsf.org.za/ Searchable databases exist at locations such as: http://www.swpearl.com/eng/scripts/dictionary/ (SWP) Sun Wah-PearL Linux Training and Development Centre is a centre of the Hong Kong Polytechnic University, established in 2000. Presently SWP is delivering professional grade Linux and related Open Source Software (OSS) technology training and consultant service in Hong Kong. SWP has an ambitious aim to promote the use of Linux and related Open Source Software (OSS) and Standards. The vendor independent positioning of SWP has been very well perceived by the market. Throughout the last couple of years, SWP becomes the Top Leading OSS training and service provider in Hong Kong. http://www.geona.com/dictionary?b= Geona, operated by Gold Vision Communications, is a new powerful search engine and internet directory, delivering quick and relevant results on almost any topic or subject you can imagine. The term "Geona" is an Italian and Hebrew name, meaning wisdom, exaltation, pride or majesty. We use our own database of spidered web sites and the Open Directory database, the same database which powers the core directory services for the Web's largest and most popular search engines and portals. Geona is spidering all domains listed in the non-adult part of the Open Directory and millions of additional sites of general interest to maintain a fulltext index of highly relevant web sites. http://www.linuxdig.com/documents/dictionary.php LINUXDIG.COM, "Yours News and Resource Site", LinuxDig.com was started in May 2001 as a hobby site with the original intention of getting the RFC's online and becoming an Open Source software link/download site. But since that time the site has evolved to become a RFC distribution site, linux news site and a locally written technology news site (with bad grammer :)) with focus on Linux while also containing articles about anything and everything we find interesting in the computer world. LinuxDig.Com contains about 20,000 documents and this number is growing everyday! http://linux.about.com/library/glossary/blglossary.htm Each month more than 20 million people visit About.com. Whether it be home repair and decorating ideas, recipes, movie trailers, or car buying tips, our Guides offer practical advice and solutions for every day life. Wherever you land on the new About.com, you'll find other content that is relevant to your interests. If you're looking for "How To" advice on planning to re-finish your deck, we'll also show you the tools you need to get the job done. If you've been to About before, we'll show you the latest updates, so you don't see the same thing twice. No matter where you are on About.com, or how you got here, you'll always find content that is relevant to your needs. Should you wish to possess your own localised searcheable version please make use of the available "dict", http://www.dict.org/ version at the Linux Documentation Project home page, http://www.tldp.org/ The author has decided to leave it up to readers to determine how to install and run it on their specific systems. An alternative form of the dictionary is available at: http://elibrary.fultus.com/covers/technical/linux/guides/Linux-Dictionary/cover.html Fultus Corporation helps writers and companies to publish, promote, market, and sell books and eBooks. Fultus combines traditional self-publishing practices with modern technology to produce paperback and hardcover print-on-demand (POD) books and electronic books (eBooks). Fultus publishes works (fiction, non-fiction, science fiction, mystery, ...) by both published and unpublished authors. We enable you to self-publish easily and cost-effectively, creating your book as a print-ready paperback or hardcover POD book or as an electronic book (eBook) in multiple eBook's formats. You retain all rights to your work. We provide distribution to bookstores worldwide. And all at a fraction of the cost of traditional publishing. We also offer corporate publishing solutions that enable businesses to produce and deliver manuals and documentation more efficiently and economically. Our use of electronic delivery and print-on-demand technologies reduces printed inventory and saves time. Please inform the author as to whether you would like to create a database or an alternative form of the dictionary so that he can include you in this list. Also note that the author considers breaches of copyright to be extremely serious. He will pursue all claims to the fullest extent of the law.

?????Addison Wesley??????

Das Buch ist eine praktische Einführung in das Hochleistungsrechnen auf Linux-Clustern. In vier Teilen (Grundlagen, Technik, Programmierung, Praxis) wird ausführlich erklärt, wie man einen Haufen

(Cluster) preiswerter Standard-PCs in einen Parallelcomputer verwandelt und diesen dann zur Lösung rechenintensiver Probleme einsetzt. Insbesondere enthält das Buch eine fundierte Einführung in MPI, dem grundlegenden Programmiermodell für Cluster-Computer. Dabei werden anhand konkreter Beispiele die wichtigsten Paradigmen paralleler Programmierung präsentiert. Vorgestellt werden außerdem Entwicklungswerkzeuge, die Fehlersuche in parallelen Programmen und nützliche Bibliotheken.

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The Linux Enterprise Cluster explains how to take a number of inexpensive computers with limited resources, place them on a normal computer network, and install free software so that the computers act together like one powerful server. This makes it possible to build a very inexpensive and reliable business system for a small business or a large corporation. The book includes information on how to build a high-availability server pair using the Heartbeat package, how to use the Linux Virtual Server load balancing software, how to configure a reliable printing system in a Linux cluster environment, and how to build a job scheduling system in Linux with no single point of failure. The book also includes information on high availability techniques that can be used with or without a cluster, making it helpful for System Administrators even if they are not building a cluster. Anyone interested in deploying Linux in an environment where low cost computer reliability is important will find this book useful. The CD-ROM includes the Linux kernel, ldirectord software, the Mon monitoring package, the Ganglia package, OpenSSH, rsync, SystemImager, Heartbeat, and all the figures and illustrations used in the book.

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Written by a leading developer and maintainer of the Linux kernel,Linux Kernel in a Nutshell is a comprehensiveoverview of kernel configuration and building, a critical task forLinux users and administrators. No distribution can provide a Linux kernel that meets all users'needs. Computers big and small have special requirements that requirereconfiguring and rebuilding the kernel. Whether you are trying toget sound, wireless support, and power management working on a laptopor incorporating enterprise features such as logical volume managementon a large server, you can benefit from the insights in this book. Linux Kernel in a Nutshell covers the entirerange of kernel tasks, starting with downloading the source and makingsure that the kernel is in sync with the versions of the tools youneed. In addition to configuration and installation steps, the bookoffers reference material and discussions of related topics such ascontrol of kernel options at runtime. A key benefit of the book is a chapter on determining exactly what drivers are needed for your hardware. Also included are recipes thatlist what you need to do to accomplish a wide range of popular tasks.

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technologies; 7336 - high performance computing and networks.
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This book constitutes the refereed proceedings of the 33rd International Conference, ISC High Performance 2018, held in Frankfurt, Germany, in June 2018. The 20 revised full papers presented in this book were carefully reviewed and selected from 81 submissions. The papers cover the following topics: Resource Management and Energy Efficiency; Performance Analysis and Tools; Exascale Networks; Parallel Algorithms.
Until now, building and managing Linux clusters has required more intimate and specialized knowledge than most IT organizations possess. This book dramatically lowers the learning curve, bringing together all the hands-on knowledge and step-by-step techniques needed to get the job done.
Writing Fast Programs" provides the basic elements of code optimization and provides strategies for reducing bottlenecks in practical simulation and numerical modeling code. The target audience is scientists and engineers and students in these fields. One pre-publication reviewer called this a much-needed intermediate text to bridge the gap between existing introductory and more advance programming books aimed at scientists. "Writing Fast Programs" does not teach basic programming; some programming proficiency is assumed, along with familiarity with the basic programming terminology. Code examples are presented in C, but BASIC (as a convenient pseudo-language) examples are provided for those not familiar with C. In general, the strategies presented are not language specific and should therefore benefit a wide programming audience. For example, similar techniques have been discussed for Java.
The International Conference on Computational Science (ICCS 2004) held in Krak ? ow, Poland, June 6–9, 2004, was a follow-up to the highly successful ICCS 2003 held at two locations, in Melbourne, Australia and St. Petersburg, Russia; ICCS 2002 in Amsterdam, The Netherlands; and ICCS 2001 in San Francisco, USA. As computational science is still evolving in its quest for subjects of inves- gation and e?cient methods, ICCS 2004 was devised as a forum for scientists from mathematics and computer science, as the basic computing disciplines and application areas, interested in advanced computational methods for physics, chemistry, life sciences, engineering, arts and humanities, as well as computer system vendors and software developers. The main objective of this conference was to discuss problems and solutions in all areas, to identify new issues, to shape future directions of research, and to help users apply various advanced computational techniques. The event harvested recent developments in com- tationalgridsandnextgenerationcomputingsystems,tools,advancednumerical methods, data-driven systems, and novel application ?elds, such as complex - stems, ?nance, econo- physics and population evolution.
As the world moves towards a more globally and electronically connected future, access to the Internet is becoming more commonplace for business, educational, as well as entertainment purposes. Virtually everyone now has a small, mobile device of some sort which will allow them access to the Internet. The concept of "Cloud Computing" was born as a direct consequence of such connectivity and this has resulted in services advancing towards the Internet "Cloud". This allows smaller devices to possess far greater functionality than ever before whether it is via websites and/or other secondary protocols. This document provides advice on how to build a cloud service whether that may be for commercial, educational, and/or more altruistic purposes. It is based on past experience, general knowledge, as well as personal research. It is not intended to be read by people who are new to computing. While it was originally intended only to cover technical aspects of building a cloud service-based company it has since expanded into a document that covers the actual business aspects of building a cloud service-based company as well. It uses Open Source technologies, but takes concepts from all fields. An appendix detailing the “how to commence the beginnings of a cloud service” has also been provided. You will need a at least two computers, enough network equipment to hook them up, an Internet connection as well as possibly a Linux distribution to install on your computer. Feedback/credit on any ideas that are subsequently put into action based on the content of this document would be appreciated. Any feedback on the content of this document is welcome. Every attempt has been made to ensure that the instructions and information herein are accurate and reliable. Please send corrections, comments, suggestions and questions to the author. All trademarks and copyrights are the property of their owners, unless otherwise indicated. Use of a term in this document should not be regarded as affecting the validity of any trademark or service mark. The author would appreciate and consider it courteous if notification of any and all modifications, translations, and printed versions are sent to him. Please note that this is an organic document that will change as we learn more about this new computing paradigm. The latest copy of this document can be found either on the author’s website, blog, and/or http://www.tldp.org
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