

LINUX NEWS

Red Hat database dates released

Red Hat has launched a new database training course. This is the first in a planned series of courses on Red Hat Database, the database is based on PostgreSQL. It is an intensive four-day course that covers topics ranging from installation and SQL fundamentals through to more advanced topics such as transactions and stored procedures. Scheduled for late November in Europe, it will appeal to database developers, Web and application developers and system administrators migrating to Red Hat Database or PostgreSQL, as well as current users. The course will provide the foundation for additional courses, such as database administration, Web development and application development, as well as migration and co-habitation with Oracle and DB2.

Information regarding Red Hat's e-business training, course descriptions, registration and facility locations is available at <http://www.europe.redhat.com/training/ebusiness/>

To find information about the Red Hat database training course please visit: http://www.europe.redhat.com/training/ebusiness/rdb147_desc.php3

European course dates

UK:	20-23 November 2001
Germany:	26-29 November 2001
France:	4-7 December 2001

Borland support Linux on the Web

Borland, has launched Web services support for Linux. As Linux continues to make in-roads as the fastest-growing operating system for servers, the benefits of Web services and Apache Web server will help to accelerate the adoption of Linux as an e-business server. Borland now plans to provide a RAD solution for Web services that will expand the Internet capabilities of Apache Web servers and applications for Linux using the Borland Kylix RAD development platform. Borland RAD solutions for Web services enable companies to create enterprise applications easily and simplify business-to-business integration of applications running on any platform with support for emerging industry standards: XML, SOAP and WSDL.

Smaller Red Hat

Red Hat unveiled the Red Hat Embedded Linux Developer Suite, a packaged offering that combines new versions of its embedded Linux platform, development tools, runtime technologies, and support designed for developers looking for a standardised open source platform for faster creation, deployment and testing of target software components for embedded devices. Targeting MIPS, SuperH, X86, PowerPC and ARM/StrongARM/ XScale architectures. It's based on Red Hat eCos: An open source real-time operating system for deeply embedded applications, supporting μ -Itron and ELIX APIs.

RedBoot is a standardised embedded debug and bootstrap solution that provides firmware for running and debugging embedded Linux, eCos and GNUPro applications.

GNUPro ToolSuite: Red Hat's commercial software development suite of tools built around the open source GNU standard. GNUPro products are tested, certified and produced as an integrated tool suite for developers of both desktop and embedded products.

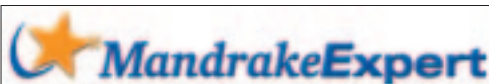
<http://www.redhat.com/embedded>.

Ask Mandrake

MandrakeSoft has started its second version of its Web-based support centre called MandrakeExpert V2 support centre and accessed at MandrakeExpert.co. The initial site was launched in early 2000 to connect enterprises and users to online Linux experts so as to answer a variety of technical questions. The first version was extremely successful in providing community-oriented free support.

The new "MandrakeExpert V2" allows MandrakeSoft experts along with 2000 MandrakeSoft Affiliates to provide support for a fixed fee with reductions for multiple incidents purchased.

MandrakeExpert.com V2 now offers: · Support provided by the Linux community – the free support that everybody is used to.



Premium support provided by MandrakeSoft and affiliate Experts – this paid support channel provides a top level and fast support option.

The pricing starts from \$10 when buying a unique incident down to \$6.7 per incident when buying 10 incidents, for subscribed users. MandrakeExpert currently has 85,000 subscribed users.

<http://www.mandrakeexpert.com>



Bundling Bluecat

LynuxWorks Inc has announced a new series of bundle options to include service and support with enhanced tools for its popular BlueCat Linux operating system platform.

At the core of the bundle options is LynuxWorks BlueCat Linux 3.1. BlueCat supports architectures including Intel IA-32 and XScale micro-architecture, MIPS, ARM family (including Thumb extensions), StrongARM, PowerPC (including PowerQUICC) and Hitachi SuperH.

- BlueCat Standard Bundle: BlueCat 3.1, commercial license and support package for Windows or Linux host development, priced at \$2,699.

- Professional Trace Bundle: BlueCat 3.1, commercial license, SpyKer kernel trace tool and support package for Windows or Linux host development, priced at \$3,799.
- Professional IDE Bundle: BlueCat 3.1, commercial license, LynuxWorks' VisualLynux Integrated Development Environment (IDE) or CodeWarrior IDE Edition and support package for Windows or Linux host development, priced at \$4,899.
- Developer's Bundle: BlueCat 3.1, commercial license, SpyKer kernel trace tool, VisualLynux IDE or Code Warrior IDE Edition and support package for Windows or Linux host development, priced at \$5,999.



AMD is good for Linux – official

AMD announced that major Linux distributors Caldera, MandrakeSoft, Red Hat, SuSE, and Turbolinux have certified the AMD Athlon MP processor and the AMD-760 MP chipset, AMD's multiprocessing platform for one and two-way workstations and servers. This certification assures end users and computer manufacturers that AMD's multiprocessing platform has been thoroughly tested by the major Linux distributions. The certifications demonstrate that business customers can take advantage of robust and reliable AMD Athlon MP processor-based workstation and server solutions running on the Linux operating system. AMD's multiprocessing platform supports Double Data Rate (DDR) memory. theresa.zimmer@amd.com

Exabyte and Ecrix merge

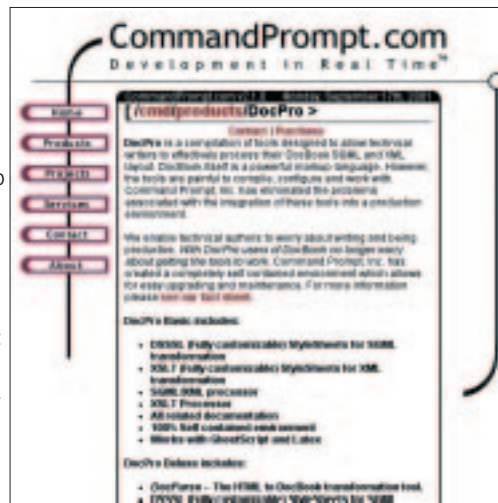
Exabyte Corporation, who makes network storage, and Ecrix Corporation, (tape solutions for midrange servers and high-end workstations), announced an agreement to combine the two companies.

Under the terms of the merger agreement, Exabyte will issue 10 million shares of common stock in exchange for all of the outstanding equity of Ecrix. Additionally, certain Ecrix investors and persons related to them will invest \$9.4 million in new Exabyte Series H preferred stock at \$1.00 per share at the time of closing. The preferred stock will be convertible into common stock on a share-for-share basis.

Ecrix announced that Compaq has selected both the SCSI and IDE versions of VXA-1 for their commercial desktop and workstation product lines.

Technical Command Prompt

Command Prompt Inc launch DocPro. DocPro is a compilation of tools designed to allow technical writers to effectively process their DocBook SGML and XML layout. DocBook itself is a powerful mark up language. Command Prompt, Inc. has created a completely self-contained environment, which allows for easy upgrading and maintenance. DocPro Basic includes: DSSSL StyleSheets for SGML transformation, XSLT StyleSheets for XML transformation, SGML/XML processor, XSLT Processor. Works with GhostScript and Latex.



http://www.commandprompt.com/products_DocPro.lxp

National grid

IBM has been selected to build the world's most powerful computing grid, an interconnected series of Linux clusters capable of processing 13.6 trillion calculations per second. The grid system or distributed terascale facility will enable thousands of scientists across the USA to share computing resources. IBM Global Services will deploy clusters of IBM eServer Linux systems at the four DTF sites beginning in the third quarter of 2002. The Linux clusters will be connected to each other via superfast 40-Gigabit per second Quest network, creating a single computing system able to process 13.6 teraflops making the DTF more than a thousand times faster than IBM's Deep Blue supercomputer. Using open protocols the Linux cluster will smoothly connect to a heterogeneous collection of existing high performance computers at the four labs, creating a giant virtual computer that may be accessed from any point on the grid.

Compaq trains with RedHat

Compaq will be offering its newly announced Accredited System Engineer and Accredited Platform Integrator level Linux certification programs in conjunction with Red Hat's Certified Engineer program. These aim to extend the scope of professional training available to Linux systems and software professionals and position them to take greater advantage of the expanding Linux marketplace.

The API qualification is designed to provide a certification of basic networking system integration and support skills for system engineers with Compaq customers. The ASE qualification provides a certification of advanced networking, systems integration and support skills. The RHCE is now listed as one of the credentials required for ASE certification.



New sphere for NuSphere

NuSphere corporation – creator of the first Internet application platform based open source components – has appointed the Logicsoft Group as its first reseller. Logicsoft supplies boxed application development, systems software tools and applications to developers and small to medium sized enterprises, as well as larger organisations. The deal covers all the NuSphere products including MySQL and Advantage, which includes a comprehensive set of editing tools to speed development of database driven web applications using PHP. Demand for the products led to Logicsoft requesting the reselling agreement from NuSphere who were keen to take advantage of the offer of local support and services for the growing number of UK users.

Virgin data

Quadrantec has announced that Virgin.Net has adopted their Time navigator software for enterprise data protection to protect data assets at the company's Leicester Square headquarters. Virgin.Net says it's Solaris focused but also uses MS and Linux platforms where they make sense. Time Navigator's graphical user interface, visual file versioning and redundant delta cataloguing are key advantages of the Quadrantec product. Time Navigator 3.5 software is now being used by Virgin.Net to maintain an operational availability level of 99.99% with a maximum allowable downtime window of four hours, excluding system boot time. Backup data is sent to large third party tape arrays with several hundred server tapes fed into it, cycled on a regular basis with a remote, off-site facility. Total storage capacity in use is 500G with 160G in modified data being backed up daily.



Pitbull dogs Linux



Argus systems Group Inc has announced that its award winning Pitbull LX security software can now lock down all popular distributions of Linux and the 2.4 kernel, securing Web facing servers against malicious attack and



Code Red-type threats. With turnkey installation in thirty minutes, Pitbull provides rapid security for Red Hat (6.2, 7.0, 7.1) SuSE (7.1, 7.2) Mandrake (7.2 8.0) Debian GNU/Linux (2.2) and TurboLinux (6.5). The software also supports custom installations of the 2.4 Linux kernel. Linux is used in 29% of public Web servers, more than any other non-Windows OS, and has had its share of attacks in the past. Pitbull LX collects bugs and security flaws which could grant an attacker system-wide access into a single security compartment. It also has the facility to restrict users to authorised areas, eliminating Superuser vulnerabilities.



Enterprise blasts off

SuSE Linux has presented its Enterprise Server version, based on the latest 2.4 Linux kernel and optimised for deployment in high performance servers. Enterprise Server 7 comprises all server services relevant in Linux, enabling the implementation of email, Internet and application services as well as file and print services in heterogeneous networks. SuSE Linux Enterprise Server 7 has powerful support of various hardware architectures and a high degree of fail-safety, making it an ideal medium for consolidating complex server structures. It provides professional Linux users with a unique full service offer with release cycles of one year and maintenance periods tuned to meet customer requirements. Since the end of August, SuSE Linux Enterprise Server 7 has been available for AMD and Intel 32-bit architecture, 64-bit architecture and IBM's mainframe platform S/390 versions for IBM's iSeries, pSeries and zSeries are to follow in the late autumn.

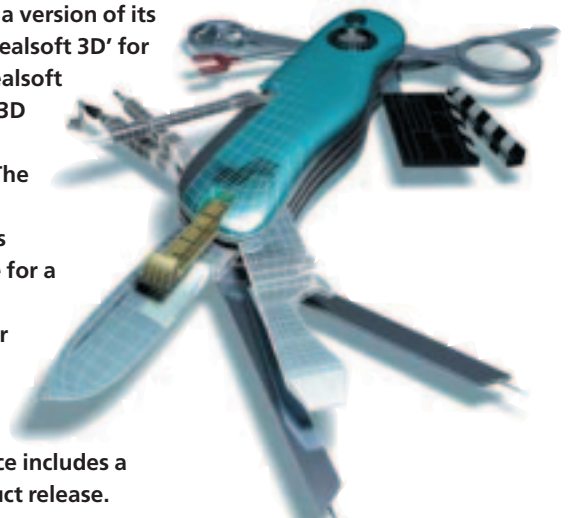
Mandrake 8

MandrakeSoft has announced the availability of Mandrake Linux PPC 8.0 final release, building on Mandrake Linux 8.0 release for the x86 architecture. It is now available for Power PC G3 and G4. Mandrake 8.0 features Drakx for an entirely graphical installation, easy and safe partitioning with DiskDrake, the Mandrake control centre for one place configuration, automatic management of software packages and supermount for transparent access to CDs and peripherals. Tools have been updated, based on the 2.4 version of the kernel and it now boots from CD-ROM for most machines.



Real 3D from Realsoft

Realsoft Graphics has released a version of its popular animation software 'Realsoft 3D' for the Linux operating system. Realsoft 3D is a full-featured, high-end 3D modelling, rendering and animation software package. The product offers an impressive collection of advanced features with a price tag that is suitable for a large part of graphic oriented computer users. Realsoft 3D for Linux is currently shipping as a commercial beta version. The list price is \$300 USD (education price \$200). The price includes a free upgrade to the final product release.



Open Vistas

Monta Vista software is now offering embedded developers using its flagship product. Hardhat Linux 2.0 Professional Edition offers a choice of graphical development environments – the first full graphics add-on for HardHat. HardHat graphics and Qt/Embedded graphics toolkit from TrollTech Inc are now available from MontaVista. HardHat graphics is an open source environment for building graphics-based applications for embedded devices and provides an extensible multimedia platform for developing the next generation of digital multimedia devices. Qt/Embedded for HardHat Linux is a package designed to work with HardHat Linux and includes Qt Designer, a full function GUI builder and Qt Linguist which provides international language translation. Both packages will help developers create and deliver powerful graphics based applications for HardHat Linux. Both are extensible and modular, provide access to source code and are scalable for embedded devices. Monta Vista has also announced the introduction of the High Availability Framework for HardHat Linux 2.0, which is for data communications applications with heavy I/O loads.

It provides a standards-based open architecture software platform for building fault resilient systems based on the industry standard compactPCI and customer specific hardware. Marketing manager Glenn Seiler said, "With this release, MontaVista continues the trend of moving embedded development away from proprietary, closed software and hardware designs toward open, standards-based systems."



IBM send mail with SendMail

Sendmail has announced the availability of its complete line of products for Linux on the IBM S/390 mainframe. Sendmail Switch, Sendmail advanced message server and Sendmail mobile message server on Linux for the mainframe provide a reliable and manageable email system for business. Joann Duguid, director of marketing for Linux on the IBM eServer zSeries said "Consolidating the management of critical applications, such as email, is a priority for our customers, particularly in today's economic environment. Companies like Sendmail, Inc. and their products and expertise in messaging add to the benefits of Linux for the mainframe, with a low cost of ownership and the ability to grow with a company's needs without requiring additional investment."

SuSE suits you

German textile facility Lauffenmühle, has installed the first SuSE Linux application on an IBM eServer iSeries to be used for commercial purposes.

Based in Lauchringer, Germany, the company uses SuSE version 7.1 running in a partition on an iSeries 820 machine for its stock planning and control system. An initial Linux partition was run in a test environment on an AS/400 720; once active and stable it was migrated to the iSeries 820.

The LPAR technology available on the iSeries now runs the Linux stock planning and control application in parallel with the test partition, OS/400 and traditional Web applications such as a firewall. The company will also consolidate its servers using Linux and the iSeries.

The project was implemented in six weeks by IBM Business Partner Fritz and Macziol GmbH. They now aim to create additional applications for Lauffenmühle using the GNU codes provided by SuSE.

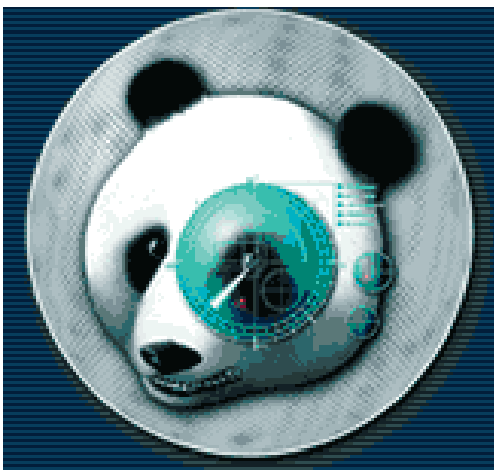
Red Hat gets mobile

Red Hat and 3G Labs have announced that they are jointly developing a real-time operating system for 2.5G and 3G mobile devices. Ecos/M3 will aim to give developers a cheaper and more reliable base to develop new mobile devices. The hardware and software will be supported at 3G Labs in Cambridge.

SuSE Database



SuSE Linux has announced the UK availability of the SuSE Linux Database Server combining the operating system platform SuSE Linux Enterprise Server with IBM's DB2 database. DB2 supports the widest variety of hardware architectures, allowing the implementation of very large databases on various hardware architectures, as well as for data exchange between the platforms. It allows a scalable architecture for customers that want to expand their infrastructure as their businesses grow, it also supports smaller PC-based databases and is very flexible. The workgroup edition of SuSE Linux Database Server comes with a multiple workstation version of the DB2 database for applications and data that are jointly used by a workgroup or department over a PC-based LAN. The Internet edition delivers stored information to an unlimited number of users over the Internet.



Panda protection

Panda Software is offering Panda Antivirus for Linux as freeware. This application ensures effective protection against viruses specifically designed to attack Linux like 'Ramen' or 'Lion'. Allowing for perfect integration with the most common Linux applications – Red Hat, Mandrake, Debian and OpenBSD. The system scans both DOS and UNIX/Linux disks. It also offers email protection, as it scans base 64-MIME files.

Panda Antivirus for Linux can be downloaded at <http://www.pandasoftware.com/com/linux/linux.asp>

HP tee off with Chai

HP Introduces Linux Security Software and its First Pervasive Linux Product for Intelligent Devices
Hewlett-Packard strengthened its commitment to open source with several new offerings for Linux-based systems.

HP Secure OS Software for Linux and its HP Chai-LX embedded Linux software platform, expanding the company's comprehensive Linux offerings into two key strategic markets where customers are demanding reliable Linux solutions security and intelligent devices.

HP also announced its intention to open source its ChaiServer product, unveiled a broad offering of manageability and high availability products for Linux environments, announced its Embedded Software Developers Network, and unveiled two new Linux-based workstations in Europe.

Chai-LX is to make Linux pervasive by extending it to intelligent, connected devices. HP developed HP Chai-LX to power new HP consumer appliances. Devnet provides a Web-based collaborative development environment for Chai.

<http://devnet.hp.com>

More support from Tivoli

Tivoli Systems Inc has announced an extension of its support for Linux to its security and Web management software. Tivoli now offer support for Linux on a number of key products within its e-business infrastructure management solutions including security, storage performance and availability software. Tivoli plans to extend Linux support to Policy Director 3.8 secure access management software from October. Risk Manager 3.8 from September. Tivoli User Administration already supports Linux. Both Web Services Manager and Web Services Analyser, which enable businesses to manage their infrastructures across the Internet without compromising security, will support Linux by the end of the year.

Tivoli Storage Manager and Storage Network Manager 1.2 will support Linux from September.

Lara under Linux

Remember the Net Yaroze development kit for the Sony PlayStation1? Well Sony is planning on launching a Linux development kit for the PlayStation2 if enough interest is shown. The development kit is already available in Japan. To show your interest sign up at <http://www.technology.scee.net>.

