Linux Magazine DVD

This month we have put together a complete collection of last year's Linux Magazines in high resolution format. Although we have released these articles for download in the archive section of the website at *http://www. linux-magazine.com*, they have always been at a resolution which allows everyone to download.

After many requests, we are now releasing the articles in a high resolution PDF format so you can clearly see the screenshots and images for each article.

One of the advantages of having information in a digital format is the ability to search. For this reason we have included the Java applet DocSearcher as a tool on the disc. This utility can search through the PDF files to find any topic covered.

December 2002 / January 2003

At the start of the year, we chose to cover integrating Linux and Windows. This involved VMware and Win4Lin as well as Cygwin and serial connections. For fun, we reviewed MS Windows XP and the much publicized United Linux. In the know-how section, we examined the stream editor, sed along with the Sylpheed mail client.

Charly's column guided us through how to stress a system before it is put into production and Linklint let us test website links automatically. Brave Gnu World covered the monthly happenings for the Gnu project with topics ranging from Voice over IP to software patents.

February 2003

Following all the virus attacks that were in the news, we concentrated on Security features. SE Linux and Rule Set Based Access Control helped to protect your data. The reviews section hit the serious readership with the Cache5 database and the home readers with graphical games.

For the know-how section we gave you the information about fstab and how systems initialize. SysAdmin examined diskless clients, while programming looked at automated tools to ensure quality code. KTools handled the administration of users for KDE computers.

March 2003

Catering to your demands, we focused on networking. Step-by-step guides showed you how to configure Red Hat and Suse. We also covered Samba shares, domains and authentication. The reviews section looked at the Bochs PC emulator and Crossover Office.

The programming section started a series on Coin 3D to produce 3D worlds and took an interesting diversion into the LinuxBIOS arena. Debian help was provided in the Dr. Linux section and we did not forget a newsticker reader for KDE.

April 2003

While we sheltered from the rain showers, we decided to tackle the big issues and looked at Linux alternatives to Microsoft Exchange. This featured a full comparison and individual reviews of the latest products, all aiming to replace Exchange on a nearby server. We took first looks at the new LindowsOS 3.0 distribution and showed you how to run multiple distributions on one box.

Another tutorial showed us how to make multiboot CDs to launch our favorite Floppy images. The Linux User section gave us fun reasons to use Linux such as Coolicon, Chain Reaction and a CD indexer for all of our MP3 discs, Yammi. Now, a year later, we still get feed back from those who have grown to love it.

May 2003

For this issue, we had been fortunate enough to get the new versions of KDE and GNOME. This meant our feature was a head to head comparison. We tested and trialed them over their various parts such as file managers and applications. Just to cover all our readers, we included articles on Window Maker and Blackbox.

Figure 1: The easy-to-use HTML interface for the DVD showing the files from the October issue.

The Linux labs tested the Transmeta SDK, and we gave you the inside knowledge on DevFS. Revision control was covered with OpenOffice revision and Subversion.

June 2003

June featured Office power. This targeted on using office suites and scripting to their full potential. Apart from OpenOffice, Thinkfree Office and Text Maker were covered with a look at desktop specific distributions.

The SysAdmin section had the Zebra routing software while the programming area saw an article on making the debugging of programs less painful. Our command line section dealt with environmental variables and an easy tutorial showed us how to configure NTP so our system clocks are always accurate.

July 2003

As a cover story, the July issue centered on Linux and PDA devices. This looked at the new environments that were available and connectivity to your desktop. The main article took a tour around desktop organizers and PIMs.

In the reviews section, in conjunction with our colleagues at Tom's Hardware Guide, we put the AMD Opteron through the Linux labs test facilities. We also covered the Intel C compiler. The most popular articles from feedback were evenly split between the Snort IDS, XEphem the star chart program, and the Eclipse programming system.

August 2003

The summer months are usually a time to relax and do all those jobs you have been saving. With this in mind we focused on security and protecting your data. This covered important topics such as hardening systems, firewalls, spam control, and filesystem repair.

The popular articles were a little lighter with OCR under Linux and querying search engines from the command line. For fun, we also started a programming series on how to write a Linux platform game. For the admins, we set up a software RAID system.
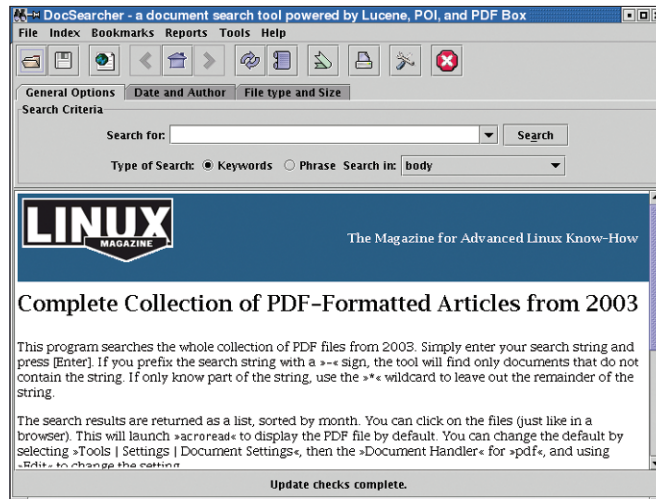

Figure 2: Using the Java tool DocSearcher to find articles.

September 2003

As the academic year started, we looked at using Linux for videos. An excellent overview set out the level of support for handling films. The most popular article proved to be the KDE tips and tricks report written by the actual KDE developers. The reviews section looked at the Intrusion Detection System, Hogwash and Suse Linux Desktop.

Firewalling with IPtables ensured security was still a major focus. On the technical side, we optimized programs for SSE2-capable processors. You could also spend your time making a rescue disk with the in depth guide.

October 2003

Looking back at October gives the view that it was the start of a tutorials season. Tutorials sprang up everywhere ranging from writing a Wiki project to share information on your intranet, using PHP scripting for web forms, creating a music jukebox with Perl, and solving broadband problems.

The popular articles covered Lego robots and how to do a key signing party with GnuPG. Ripping and encoding a CD was covered with Grip, while forensic analysis of a hacked machine was taken care of with Sleuthkit.

November 2003

The cover story concentrated on image processing, covering a range of viewers, and tutorials for photo editing, along with a Gimp workshop. In time for Christmas, we reviewed the latest Linux PDA devices and Dasher, a keyboardless input mechanism.

One of the most requested articles was on the simple method of scripting with DCOP for controlling KDE. This issue saw the start of the popular Admin Workshop which started with monitoring tools. On a lighter note we found time to look at a few KDE games and the video editing software MainActor 5.

December 2003

We ended the year with articles on using Linux for Audio. In this we covered Sweep for audio processing and the sequencer MusE. A guide on NoteEdit helped to set up virtual instruments. Gimp was examined for the new major version change to 2.0 with a look at the features in the latest developers' version.

On a more technical side, we looked at creating a finger server and making Zope and LDAP cooperate. One of the most requested articles was on Networking basics to explain the fundamentals and show you how to actually set up a system for yourself. ∎

2003 article archive made searchable

The DocSearcher Java applet searches the whole collection of PDF files from 2003. Simply enter your search string and press [Enter]. If you prefix the search string with a minus sign (-), the tool will find only documents that do not contain the string. If you only know part of the string, use the * wildcard to leave out the remainder of the string.

The search results are returned as a list, sorted by month. You can click on the files (just like in a browser). This will launch *acroread* to display the PDF file by default. You can change the default by selecting

Tools / Settings / Document Settings, then the *Document Handler* for *pdf*, and using *Edit* to change the setting.

DocSearcher can do more: It is a search machine that allows you to search your own files. It uses the Open Source Lucene and POI Apache libraries, as well as PDF box. DocSearcher searches HTML, MS Word, MS Excel, RTF, PDF, Open Office (and Star Office), as well as Text documents.

For more information on Lucene, visit the homepage at *http://jakarta.apache.org/lucene/docs/*.