26 OpenOffice Templates

Stylesheets can save you lots of time when working with Open-Office if you are manipulating large documents or per-forming repetitive tasks. So, how do you create useful tem-plates for letters or memos quickly? We explore the finer points of creating the master templates that prove to be so useful in everyday operations.
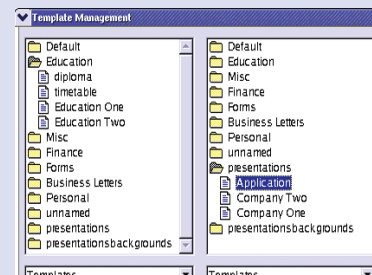
40 Wireless LAN hardware

Setting up a wire-less LAN need not be a difficult or daunting task. The hardware that is discussed in this review was chosen because it promises easy Linux installa-tion and integration into your current network. Standard devices and options were chosen making it easy for you to do yourself.

46 CPU Monitoring

Most CPU load monitors, such as *top* and *xosview* access the Linux kernel's */proc* filesystem to try and determine the correct load.

However, this interface can deliver incorrect values under certain conditions. We explain why this occurs and the patch described in this article helps re-solve this issue, ensuring the pro-gram's processes no longer remain invisible to the kernel and so escape monito-ring.
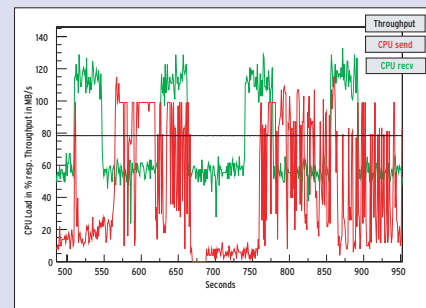
56 Zebra

In a network with multiple paths to a target, dynamic routing decides the path that an IP packet will take. Sophisticated protocols assess the quality of a connection and then make routing decisions based on this knowledge. The Zebra routing software implements multiple routing protocols. Zebra is a recent and promising GNU project.
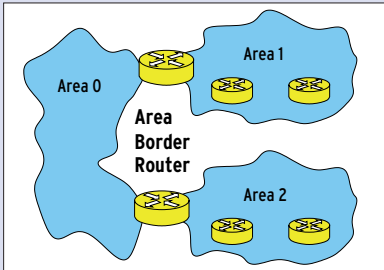
64 Debugging

All bugs stem from one basic premise – something you thought was right, was in fact wrong. Debugging software is a necessary evil in development. Most programmers would forfeit a year of pizza if they never had to fix a bug again. With the right tools, and a little patience, the task becomes much easier. This article covers some of these tools, and looks more in depth at the practices involved with one of the most prominent, gdb.
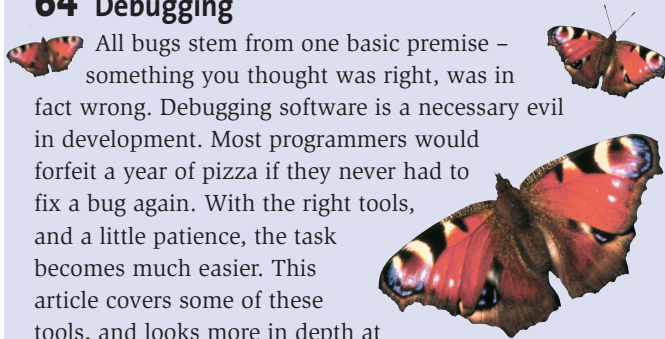
87 CeBIT 2003

A report from the world's largest computer fair, with over half a million visitors this year. Especially the LinuxPark area became a little cramped at times. These eight days saw continuous Linux and Open Source lectures including Apache Web Server Security Secrets. The Open Booth displayed three or four different projects a day and Knoppix discs were widely sought.