LINUX MAGAZINE

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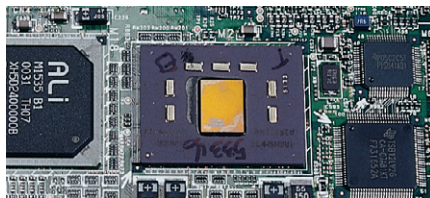# Next month highlights

Threads

We examine the inner workings of the kernel. Threads are "light weight processes". These help to reduce the overall overhead of the processor by sharing fundamental parts. By sharing these parts, switching happens much more frequently and efficiently.

We explain the differences between the two types of threads and where they occur.

Transmeta Kit

The Transmeta Crusoe processor with Code Morphing software is designed to give little heat and so open up a range of new marketplaces.

We take a look at the development kit and just what is required to optimise your code and take full advantage.

Subversion

Subversion is a free source code manager and version control system intended to replace CVS. Most open source developers have, at some stage, come across CVS. It is the de facto standard Software Configuration Management on free software projects.

The primary goal of the Subversion project is "to build a compelling replacement for CVS in the open source community". In other words, it is designed to implement all of the functionality of CVS, with a familiar interface, while fixing its design flaws, and offering much improved functionality. We explain how it differs and why you should consider changing.

abcde

A guide to using A Better CD Encoder. Ordinarily, the process of grabbing the data off a CD and encoding it, then tagging or commenting on it, is very involved.

abcde is designed to automate this. It will take an entire CD and convert it into a compressed audio format – Ogg Vorbis or MPEG Audio Layer III (MP3). Abcde is a front-end command-line utility (actually, it is a shell script) that gives you all the control you need to help rip those CDs, all in one go.

KDE vs Gnome

The ultimate test. As both of the big desktop environment systems have released new versions recently we decided to put them through our gruelling laboratory test.

We compare all the new features and explain the differences in design and application. An independent test to give you all the information that you need to decide which suits you best.

Will KDE with its new integrated development environment win your

On Sale: 4 April