

AIX Performance Hits a New (64-bit) Peak

COMMENTARY



In this issue, we try to pique your curiosity with a peek at what's coming in the anticipated new AIX release (coming soon to an RS/6000 near you), plus a collection of other useful AIX topics. Learn about the 64-bit features of the next AIX release in our keynote article. With a 64-bit capability, applications run faster and handle data more efficiently, and of course, you can still use applications based on the previous AIX releases. The article also addresses issues to consider when porting your applications to a 64-bit implementation. To prepare you for the new release, we've also included a schedule of training classes offered worldwide. Be sure to check when the classes will be offered near you.

This issue also brings you the first in a series of articles exploring parallel programming on RS/6000 Scalable POWERparallel (SP) systems. This article describes the different programming models and their features. Java aficionados will be interested in the article on IBM's optimizing native code Java compiler for AIX. It explains the differences between optimizing compilers and Just-in-Time (JIT) compilers and provides some performance data for different compiler benchmarks. Programmers and system administrators will both enjoy reading about portable programming via the graphical desktop Korn Shell, useful for all Common Desktop Environment (CDE) implementations. Programs written in this shell language can easily be migrated to C/Motif for performance improvements.

To help you ensure a quality end-product, we've also included an article on avoiding the release of flawed software through an effective configuration management scheme. This is a topic we're all concerned about.

Rounding out this issue is an article that shows you how to use AIX's terminal mirroring function to reduce problem determination time and improve training in a networked environment. And of course, we have the popular AIX question-and-answer section that includes "popular" questions that developers ask the technical support line. Check it out—perhaps they've answered a question you've been wondering about.

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