

# “I Write the Songs...”



In the last issue (November 1994) we discussed Symmetric Multiprocessing (SMP) from the viewpoint of the designers who made the components play together in the “SMP Band.” In this issue, we hear from the solution developers who are “writing the songs” for the SMP Band to play. These developers, who saw the advantages of the SMP architecture, are writing their programs to capitalize on those advantages.

Because database programs are among the most demanding applications for computer resources, it is not surprising that the first SMP-enabled applications to appear are database programs. We asked the database developers to tell us about the SMP design experience and how their programs exploit the SMP architecture to satisfy their customer’s needs. This issue includes five articles from some major database developers to give you a taste of what it’s like to work in the SMP environment.

If you’re interested in OOP, you will want to read the detailed description of the OO tools environment used in a large OO project in IBM’s Rochester programming lab (“Building a Comprehensive OO Development Environment on AIX”). And be sure to look at “Building Object-Oriented Frameworks”—Part 1 of a two-part article from Taligent (Part 2 will appear in the next issue of *AIXpert*).

Because it discusses features and options of the XL Fortran compiler, Fortran programmers may find the article about porting from a Cray® computer to be useful even if they are not currently running on Cray hardware. System administrators should read the TTY subsystem article, and hardware mavens can brush up on POWER2 performance and learn about the SystemGuard™ processors in the new SMP machines from IBM.

Anyone who writes code for, or administers a network should also take a look at the NetView Association article.

## What’s New

In this issue we are inaugurating a new feature that we hope will be helpful in your work with AIX. In the PowerNotes column we will try to keep you up to date on the latest tips and news for AIX® developers. Be sure to read that column and let us know how you like it.

We’ve heard from readers who were tired of ripping off the cover of their *AIXpert* so that their friends could submit a subscription. So, we are introducing a new subscription form in this issue. You can tear out the form without damaging the magazine. Use the convenient self-mailer to either subscribe or give us your comments about the magazine.

A handwritten signature in black ink that reads "George Noren".

George Noren

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**George Noren**, IBM Corporation, Internal Zip 2830, 11400 Burnet Road, Austin, TX 78758. Internet: [geo@austin.ibm.com](mailto:geo@austin.ibm.com). Since joining IBM in September 1979, Mr. Noren has written manuals for System/34, System/36™, and AIX on both the RT® and RISC System/6000® platforms, and was a member of the InfoExplorer™ design team. He has also worked as system administrator for several AIX server machines and their clients, and is currently responsible for the Prototype Evaluation Labs in Austin. Mr. Noren studied engineering at Illinois Institute of Technology, holds a BA in English from the University of Minnesota and an MBA from St. Edwards University in Austin.



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