

This Ain't Your Grandpa's Client/Server!

COMMENTARY



We're talkin' client/server that sizzles! With high-performance SP servers driving clients that range from smart credit cards to Network Stations to even PCs or existing workstations—all tied together with common software written in Java™. This is e-business that *means* business! And we've got it all in this issue of *AIXpert*.

Start out with a discussion of how to develop client/server solutions using Java's RMI (remote method invocation) interfaces in a multithreaded environment. That article covers what you need to know to design and code an RMI application on AIX®, including a detailed example to help you understand the concepts. If that's not enough, continue on to the applet/servlet article. It guides you through the technology behind Java servlets—complete with a working example of a chat room client/server implementation written in Java.

Next, you need a client. We provide you with two possible clients, but you may supply your own. First is the IBM Network Station™. We explain everything you need to know about the Network Station's printing subsystem so that you can implement an effective business solution that depends on that subsystem. Or, perhaps you'd prefer a smart card client. We cover the important concepts of designing for smart cards with hopes that your application will be the one that makes this fledgling technology take off.

Finally, you need a server, and we've got that in SPades! Selecting what type of node to run on your RS/6000 SP server can be a

daunting task. Read up on the choices of both Micro Channel® and PCI bus nodes described in our article and you'll have less trouble the next time you need to make that decision. And those who have been following it closely won't want to miss the fourth part of our parallel programming series—this issue covering the use of shared memory in the SP.

To round out the issue, we have an article describing a centralized software license management program, as well as the popular AIX question and answer section.

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