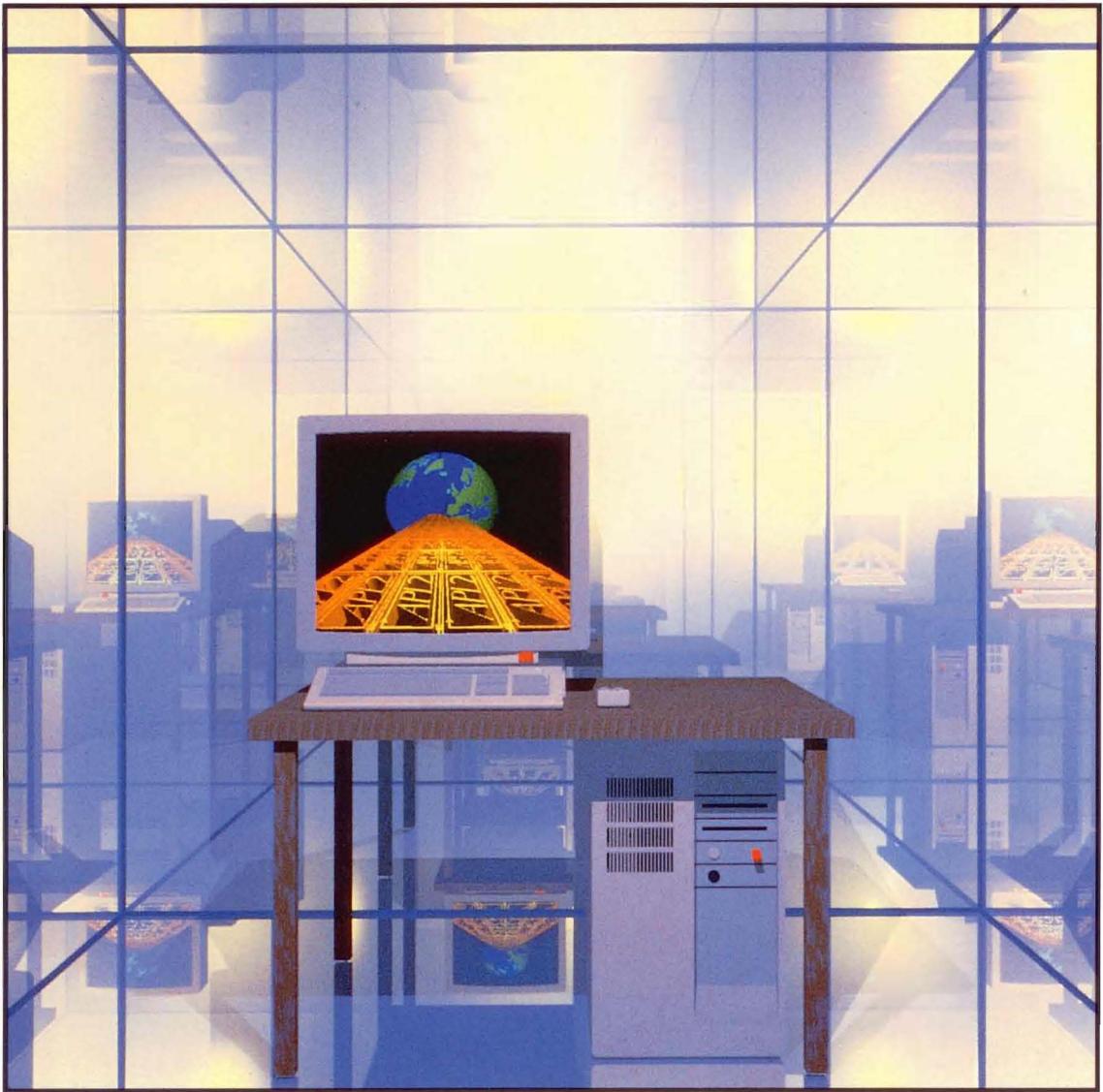


IBM Announces



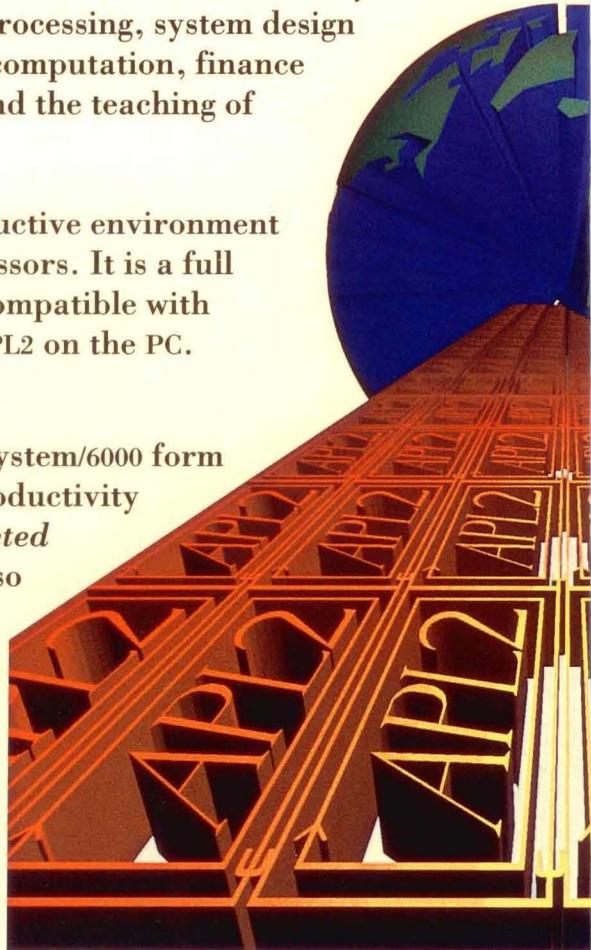
APL2 for the RISC System/6000™

Announcing IBM

APL2 is IBM's strategic interactive programming language. It is a highly productive language that's easy to learn and easy to use. Its rich collection of functions are quickly combined to solve problems in a wide variety of application areas such as commercial data processing, system design and prototyping, engineering and scientific computation, finance and actuarial work, artificial intelligence, and the teaching of mathematics and other subjects.

APL2/6000 brings this powerful and productive environment to the IBM RISC System/6000™ family of processors. It is a full nested-array implementation under AIX™, compatible with IBM's mainframe version of APL2 and with APL2 on the PC.

Power to Perform: APL2 and the RISC System/6000 form a natural product match in terms of user productivity and system performance. APL2 is an *interpreted* language, rather than a *compiled* language, so you have a high degree of interaction with the computer. You get the *impressive processing power* of the RISC System/6000 and the *expressive notational power* of the APL2 language. Together, they form a unique tool for doing rapid prototyping and for working with constantly-changing or incompletely-defined problems. And all at a surprisingly low price.



Let APL2 show you the road to a whole

AIX APL2/6000

Room to Grow: There's room to grow within the RISC System/6000 family, because APL2/6000 exploits the capabilities of the hardware across the entire family of processors, from personal workstations to multi-user servers.

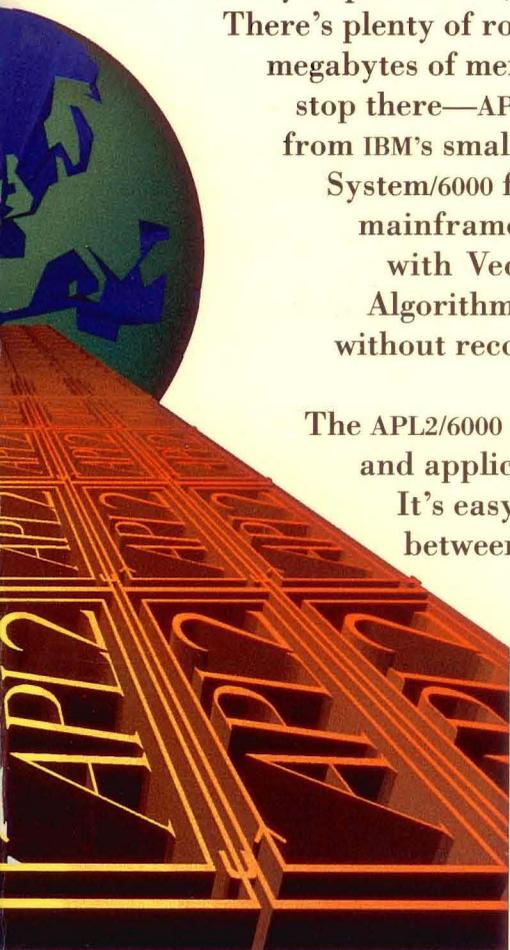
There's plenty of room for your application to grow, with hundreds of megabytes of memory available for your workspace. And it doesn't stop there—APL2 is portable *across* platforms, too. You can grow from IBM's smallest machines—the PS/1™ and PS/2™—into the RISC System/6000 family. From there, you can grow into IBM's largest mainframes, all the way up to the ES/9000™ supercomputer with Vector Facility. All with the same language: APL2. Algorithms that run on one platform will run on the other—without recompilation. ...And we think *that* will grow on you.

The APL2/6000 package includes many of the auxiliary processors and application tools found on the PC or host APL2 products.

It's easy to migrate your own algorithms back and forth—between the RISC System/6000, the PC, and the mainframe.

Built-in commands handle the translation for you—automatically.

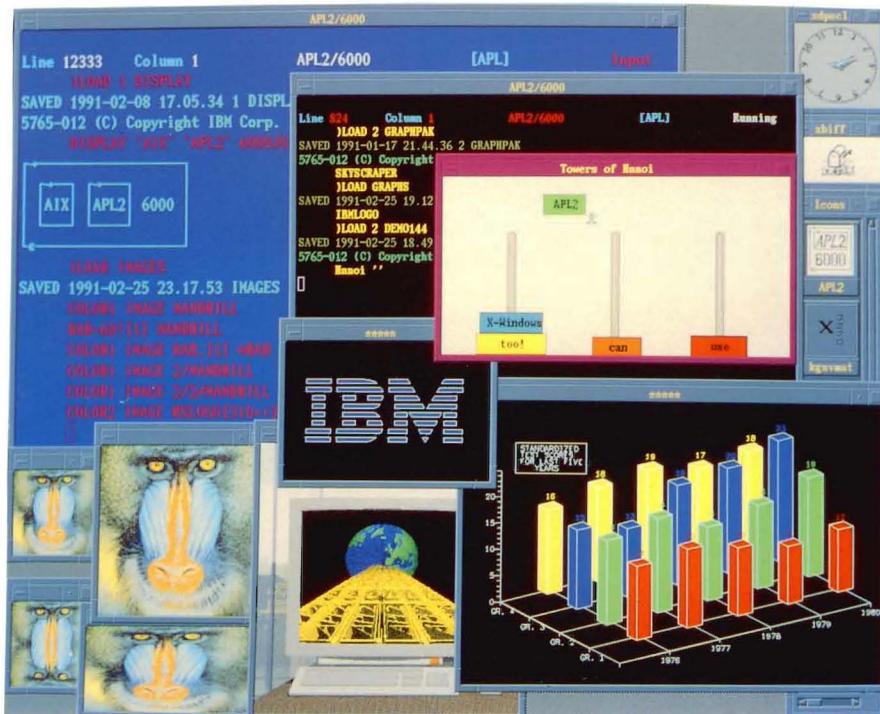
...And We Do Windows: The APL2/6000 Session Manager has the same “look and feel” as the session managers of the PC and host APL2 products, with the added benefit of X-Windows features, to let you create, move and resize windows, select fonts, and use icons. A new



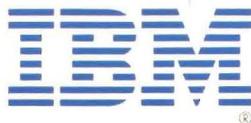
new world of interactive programming.

auxiliary processor is also provided to give you a programmable interface to X-Windows, including mouse support. And you can run multiple sessions, each in its own window.

The Session Manager also gives you four-way scrolling capability, permanent session logs, statement recall, stacked input, color control, function-key support, keyboard redefinition, and National Language Support. APL2 keycaps are provided with the product.



Interested? Contact your IBM marketing representative for more information, or call *The APL2 Hotline* at 408-463-APL2.



IBM, AIX, RISC System/6000, PS/1, PS/2, and ES/9000 are trademarks of the IBM Corporation. X Windows System is a trademark of Massachusetts Institute of Technology. APL2/6000 is IBM Program Number 5765-012 – Planned Availability Date: September 27, 1991