fying the creation of parallel applications. But those of us with problems to solve now must make do with the tools available. Embos, the operating system designed at ELXSI, and the growing body of parallel applications are proof that parallel processing can be done efficiently and economically with what is available today.

Acknowledgments

I am but one of many contributors to the architecture of Embos and the ELXSI System 6400. Other key individuals are B. Kumar and Len Shar. Dianne Kennedy and David Ashkenas are responsible for the design and implementation of the procedure-level parallel processing facilities. John Hawkes gave another virtuoso performance in extending the Embos kernel for the new services.

References


Robert A. Olson is director of software development at ELXSI. Prior to joining ELXSI in 1980, he worked for seven years for Hewlett-Packard on the HP3000. His professional interests include operating systems, instruction sets and the implications of very large memories.

He received a BS in chemical engineering and an MS in electrical engineering, both from Stanford University. He is a member of the ACM.

Olson can be contacted at ELXSI, 2334 Lundy Pl. San Jose, CA 95131.

---

Free Catalog!

Your 80-page guide to computer supplies and accessories—including complete new product descriptions.

- Packed with over 1600 products for microcomputers, minicomputers, and word processors—many available nowhere else.
- Big special section devoted to new supplies and accessories.
- Comprehensive product descriptions—including more than 475 full-color photos—clearly explain features and benefits.
- Easy-to-use cross reference guides to magnetic media, ribbons, and more—along with the industry's most complete cable guide.
- Helpful suggestions and tips, ranging from flexible disk care to proper ribbon selection to useful application ideas.

Phone toll-free 1-800-547-5444

In California, call 1-800-547-5447.

---

Inmac Catalog Dept.
2465 Augustine Drive
Santa Clara, CA 95054

Phone toll-free 1-800-547-5444* or send coupon today.

NAME __________________________
COMPANY _______________________
ADDRESS _______________________
CITY ___________________________
STATE ___________ ZIP _________
PHONE _________________________

*In California, call 1-800-547-5447.