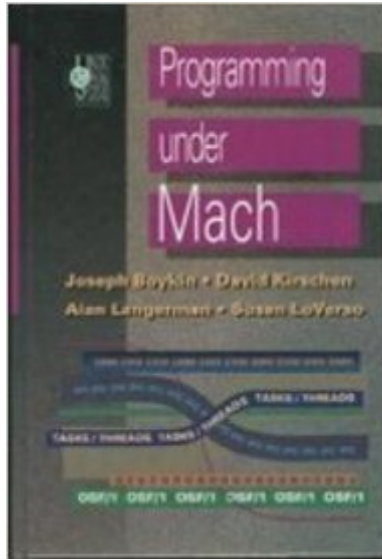


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Programming Under Mach (UNIX And Open Systems Series)



Synopsis

Move over UNIX, Mach is here. Mach is becoming the programming environment of choice. Originating as the result of a government-funded research project at Carnegie Mellon University, Mach is now breaking into the corporate world on advanced systems such as the NeXT workstation. Mach is the foundation for the OSF/1 operating system from the Open Software Foundation. Technology from OSF/1 can be found on systems from many computer vendors including IBM, DEC, and Hewlett-Packard. OSF/1 runs on machines ranging from low-end workstations to mainframes to massively parallel supercomputers. Programming Under Mach provides a step-by-step approach to understanding Mach concepts. It is a complete introduction to writing Mach programs; these programs are illustrated through comprehensive examples. This book stresses how to implement multithreaded programs which can automatically take advantage of multiprocessor systems. Highlights include: *Discusses Interprocess Communication (IPC) *Explains Mach Virtual Memory handling *Explores External Memory Management which provides user-level control over virtual memory *Describes Mach's C Threads and P Threads libraries used to write multithreaded programs This book is an excellent technical reference as well as a practical guide to developing applications for Mach. Applications developers, system programmers, UNIX programmers and researchers will all find this book valuable. 0201527391B04062001

Book Information

Series: UNIX and open systems series

Hardcover: 490 pages

Publisher: Addison-Wesley Professional (April 30, 1993)

Language: English

ISBN-10: 0201527391

ISBN-13: 978-0201527391

Product Dimensions: 6.6 x 1 x 9.5 inches

Shipping Weight: 1.6 pounds

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