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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

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This book does not cover much with the Apple Macintosh as the book appears to be out of date. It does, however, cover MIG which is available for the Mac.

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