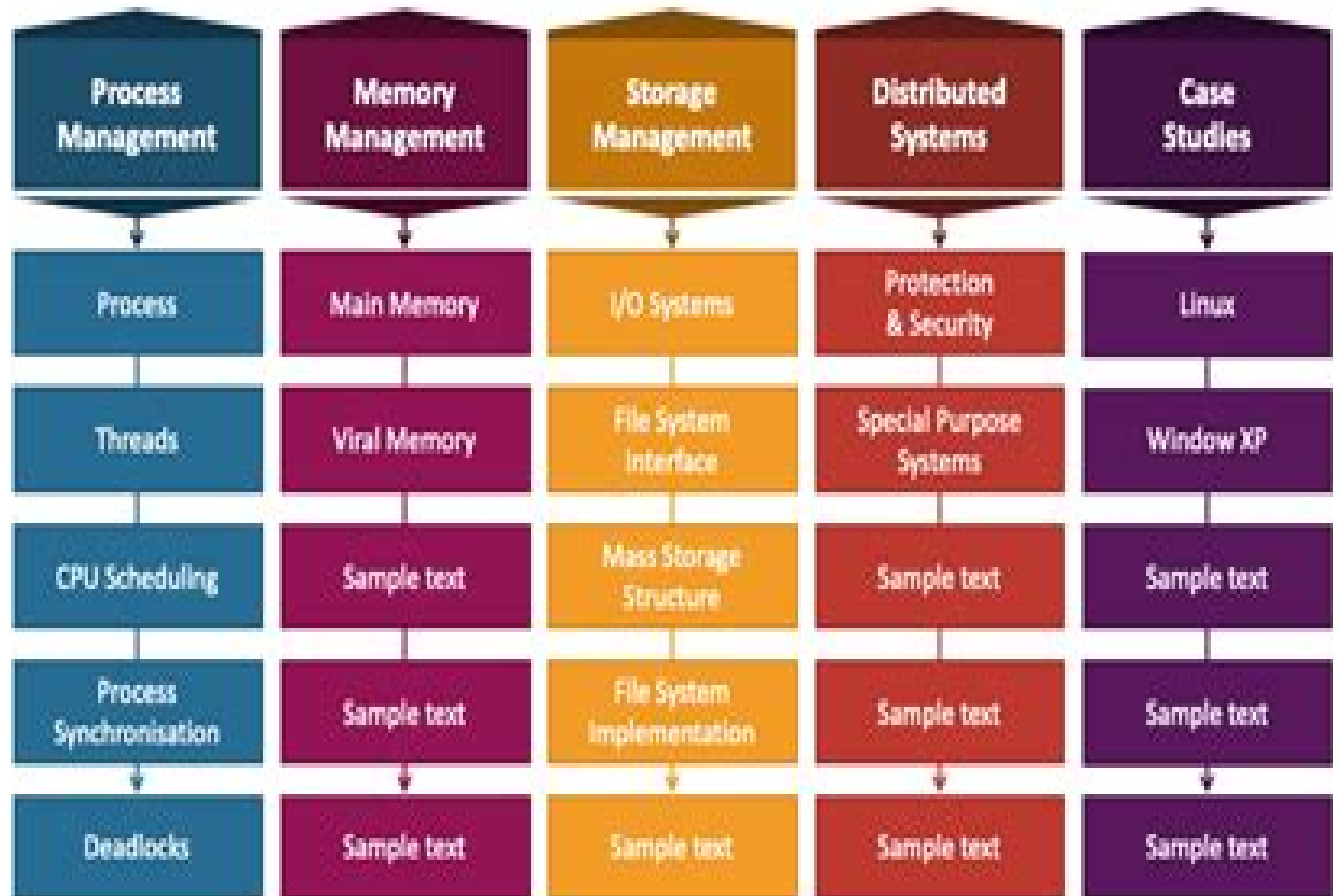


OPERATING SYSTEM CONCEPTS



Operating System Concepts

**ABRAHAM SILBERSCHATZ,PETER
GALVIN,GREG GAGNE**



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Operating System Concepts Abraham Silberschatz, 1999

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Naghizadeh, 2005 Operating System is the most essential program of all without which it becomes cumbersome to work with a computer. It is the interface between the hardware and computer users making the computer a pleasant device to use. The Operating System Concepts and Techniques clearly defines and explains the concepts: process responsibility, creation, living, and termination; thread responsibility; creation, living, and termination; multiprogramming; multiprocessing; scheduling; memory management; non-virtual and virtual inter-process communication; synchronization; busy-wait based semaphore based and message based; deadlock and starvation. Real life techniques presented are based on UNIX, Linux, and contemporary Windows. The book has briefly discussed agent based operating systems, macro kernel, microkernel, extensible kernels, distributed and real time operating systems. The book is for everyone who is using a computer but is still not at ease with the way the operating system manages programs and available resources in order to perform requests correctly and speedily. High school and university students will benefit the most as they are the ones who turn to computers for all sorts of activities including email, Internet chat, education, programming, research, playing games, etc. It is especially beneficial for university students of Information Technology, Computer Science, and Engineering. Compared to other university textbooks on similar subjects, this book is downsized by eliminating lengthy discussions on subjects that only have historical value.

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programming New exercises are also provided to reinforce the concepts and enable system administrators to design with confidence

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Operating Systems Concepts P. S. Gill, 2006 Silberschatz's

Operating System Concepts, 2019 Operating System Concepts Ekta Walia, This is a revised edition of the eight years old popular book on operating System Concepts In Addition to its previous contents the book details about operating system for handheld devices like mobile platforms It also explains about upcoming operating systems which have interface in various Indian language In addition to solved exercises of individual chapters the revised version also presents a question bank of most frequently asked questions and their solutions Value addition has been done in almost all the 14 chapters of the book

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review questions A two color printed version is also available *VAX/VMS* David Donald Miller,1992 This book views the operating system as a problem solving aid for a programmer to master just as a programming language must be mastered A full service multi user interactive operating system is intended for use by application programmers This book not only shows the programmer what an operating system is expected to provide it gives programmers a hands on opportunity to use it Theoretical discussions are included but the emphasis is on the application so that the software engineer can exploit the services provided by a working operating system in this specific instance the VAX VMS system Once the text introduces the purpose of a particular service it discusses how this service is provided and how the VMS operating system makes use of it

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Silberschatz,2010-08-09

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