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Gagne,2018-01-11 The tenth edition of Operating System Concepts has been revised to keep it fresh and up to date with contemporary examples of how operating systems function as well as enhanced interactive elements to improve learning and the student s experience with the material It combines instruction on concepts with real world applications so that students can understand the practical usage of the content End of chapter problems exercises review questions and programming exercises help to further reinforce important concepts New interactive self assessment problems are provided throughout the text to help students monitor their level of understanding and progress A Linux virtual machine including C and Java source code and development tools allows students to complete programming exercises that help them engage further with the material The Print Companion includes all of the content found in a traditional text book organized the way you would expect it but without the problems InfoWorld ,1993-12-06 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects **API Design for C++** Martin Reddy,2024-05-23 API Design for C Second Edition provides a comprehensive discussion of Application Programming Interface API development from initial design through implementation testing documentation release versioning maintenance and deprecation It is the only book that teaches the strategies of C API development including interface design versioning scripting and plug in extensibility Drawing from the author s experience on large scale collaborative software projects the text offers practical techniques of API design that produce robust code for the long term It presents patterns and practices that provide real value to individual developers as well as organizations The Second Edition includes all new material fully updated for the latest versions of C including a new chapter on concurrency and multithreading as well as a new chapter discussing how Objective C and C code can co exist and how a C API can be accessed from Swift programs In addition it explores often overlooked issues both technical and non technical contributing to successful design decisions that produce high quality robust and long lived APIs It focuses on various API styles and patterns that will allow you to produce elegant and durable libraries A discussion on testing strategies concentrates on automated API testing techniques rather than attempting to include end user application testing techniques such as GUI testing system testing or manual testing Teaches the strategies of C API development including design versioning documentation testing scripting and extensibility Includes extensive code examples that illustrate each concept with fully functional examples and working source code for experimentation available online Covers various API styles and patterns with a focus on practical and efficient designs for large scale long term projects Includes updated URLs and ensures all code examples continue to work with modern compilers and supporting tools

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