



# *The Sun Technology Papers*



MARK HALL  
JOHN BARRY  
*Editors*



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# The Sun Technology Papers Sun Technical Reference Library

**Mark Hall, John Barry**



## **The Sun Technology Papers Sun Technical Reference Library:**

The Sun Technology Papers Mark Hall,John Barry,2013-12-14 The Technology of Sun Microsystems Two years ago Sun Microsystems began publishing a quarterly technical journal Sun Technology The Journal for Sun Users Since then its pages have explored in detail diverse technology and products relating to Sun The journal's technically sophisticated readers are likely to apply the information published in the journal to their work Sun Technology has been written by technologists for technologists In the pages of The Sun Technology Papers you will find an extensive selection of those articles No other single volume offers you such a broad view of Sun related technology and products Yet this sweeping embrace of subjects does not diminish the level of detail in this collection Short of Sun's 40 pounds or so of documentation no other single source provides as deep and broad an understanding of Sun technology as this book does Because Sun is a key developer in so many areas of computer technology the book comprises four general sections The first Software includes chapters on Open Network Computing Sun's compilers SunOS and SPARC and the Network Software Environment The Hardware section covers SPARC in great detail and includes the most in depth examination of the popular SPARCstation 1 This section also contains chapters on the Sun386i workstation *The Sun Technology Papers* Mark Hall,John Barry,2014-09-01 The Sun Technology Papers Mark Hall,John Barry,1990 Provides a clear picture of the ongoing technical development occurring inside Sun Microsystems Some articles contain the last word on key technology some discuss controversial new ideas or products and more Microprocessor 3 Philippe Darche,2020-12-15 Calculation is the main function of a computer The central unit is responsible for executing the programs The microprocessor is its integrated form This component since the announcement of its marketing in 1971 has not stopped breaking records in terms of computing power price reduction and integration of functions calculation of basic functions storage with integrated controllers It is present today in most electronic devices Knowing its internal mechanisms and programming is essential for the electronics engineer and computer scientist to understand and master the operation of a computer and advanced concepts of programming This first volume focuses more particularly on the first generations of microprocessors that is to say those that handle integers in 4 and 8 bit formats The first chapter presents the calculation function and reminds the memory function The following is devoted to notions of calculation model and architecture The concept of bus is then presented Chapters 4 and 5 can then address the internal organization and operation of the microprocessor first in hardware and then software The mechanism of the function call conventional and interrupted is more particularly detailed in a separate chapter The book ends with a presentation of architectures of the first microcomputers for a historical perspective The knowledge is presented in the most exhaustive way possible with examples drawn from current and old technologies that illustrate and make accessible the theoretical concepts Each chapter ends if necessary with corrected exercises and a bibliography The list of acronyms used and an index are at the end of the book The SunTechnology Papers Mark Hall,John Barry,1990-01 **The New User's Guide to the Sun**

**Workstation** Michael Russo,1991 A quick reference guide by Sun Microsystems for new and intermediate users of their computers intended to be used in conjunction with the manual that comes with the machine Annotation copyrighted by Book News Inc Portland OR

*The Art of Distributed Applications* John R. Corbin,2012-12-06 Powerful networked workstations are adding a new dimension to the world of computing Programmers are challenged to write applications that exploit the speed and parallelism of such distributed systems programs that take advantage of the networking and communication features of high speed workstations John Corbin a senior engineer in Sun s networking group bases his approach on RPC Remote Procedure Call a technique for programming communication processes in UNIX environments A professional reference book as well as a textbook on RPC programming techniques *The Art of Distributed Applications Programming Techniques for Remote Procedure Call* is for the working programmer who needs to explore the possibilities of designing distributed networked applications under UNIX The book can also be recommended as a supplemental text in a distributed systems course providing the basis for lab assignments

Dr. Dobb's Journal ,1990 **The NeWS Book** James Gosling,David S.H. Rosenthal,Michelle J. Arden,2012-12-06 This book is an introduction to NeWS the Networked Extensible Window System from Sun Microsystems It is oriented towards people who have a basic knowledge of programming and window systems who would like to understand more about window systems in general and NeWS in particular A significant portion of the book is devoted to an overview and history of window systems While there is enough detail here to allow readers to write simple NeWS applications the NeWS Reference Manual SUN87a should be consulted for a more complete treatment This book was written to refer to the NeWS 1 1 product available from Sun and also available from several non Sun suppliers Shortly after this book is published Sun will be releasing the next version of NeW the Xll NeWS merged window system Chapter 10 is dedicated to an overview of that product but Xll NeWS deserves a book of its own All the code examples in this book have been tested on both NeWS and the Xll NeWS merge Should there be another edition of this book we will discuss some of the new development being done in the user interface tool kit area on NeWS Significantly the NeWS Development Environment NDE is now being developed at Sun NDE promises to eclipse existing user interface toolkit designs and window programming environments

Computer Language ,1990 **UNIX Review** ,1990 **Nature** Sir Norman Lockyer,1895 **Resources in Education** ,1992 *Whitaker's Books in Print* ,1998 **A Collection of Technical Papers** ,1977 Bibliographic Guide to Computer Science ,1991 Papers and Proceedings of the ... General Meeting of the American Library Association American Library Association,American Library Association. Annual Conference,1900 Scientific and Technical Organizations and Agencies Directory Margaret Labash Young,1987 **Library & Information Science Abstracts** ,2006 Papers and Proceedings of the ... Annual Meeting of the American Library Association Held at ... American Library Association. Meeting,1899

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