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MicroStrategy Analytics Express User Guide *QuoteWerks User Manual* *SIDPERS User Manual* *Final Cut Express 4* **Logic Pro 9 and Logic Express 9** **IBM System Storage TS7600 with ProtecTIER Version 3.3** *InfoWorld User's Manual for Nfpa 921* **Roulette software "Rouletronic" - User manual** **The Complete NPA User's Manual** *Apple Pro Training Series* **The Human Thinking System User's Manual** **PC Mag User's Manual to the International Annual Reports Collection** **The Foundations of Communication in Criminal Justice Systems** *Image-Guided Surgery* **InfoWorld PROPHET User's Manual** *Leveraging Applications of Formal Methods, Verification and Validation* *iPhone 13 Pro and Pro Max User Manual* **InfoWorld Iphone 13 pro max photography user guide** *Automatic Parallelization* *Intelligent Learning Systems and Advancements in Computer-Aided Instruction: Emerging Studies* *The FLSA, a User's Manual* *The Use of Fire in Forest Restoration* *Advances in Blended Learning* **Pedestrian Safety Advances in Computer Vision and Information Technology** *Rewriting Techniques and Applications* **PCR: Methods Express Mac User's Guide to Living Wirelessly** **Monthly Catalog of United States Government Publications** *Monthly Catalogue, United States Public Documents* *FPGA Based Accelerators for Financial Applications* **Strategic Management of the Manufacturing Value Chain** *User's Manual for the SHAZAM Computer Program Package* *Apple Pro Training Series* *Computerworld* **Writing and Speaking in the Technology Professions**

Computerworld Jul 26 2019 For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

QuoteWerks User Manual Oct 01 2022

Intelligent Learning Systems and Advancements in Computer-Aided Instruction: Emerging Studies Nov 09 2020 "This book reviews computational models and technologies for distance education, focusing on systems, infrastructures, and frameworks for delivering quality education"--Provided by publisher.

Advances in Blended Learning Aug 07 2020 The Second Workshop of Blended Learning (WBL 2008), as part of the 7th International Conference on Web-Based Learning (ICWL 2008), was held in Zhejiang Normal University, Jinhua, Zhejiang, China during August 20-22, 2008. WBL 2008 provided an international forum for the dissemination of original results in the design, implementation, and evaluation of blended learning systems and related areas. In particular, the aim of WBL 2008 was to bring together researchers from academia as well as commercial developers from industry to explore ideas, exchange and share experiences, and further build the blended learning research network. The inspirations and new ideas were expected to emerge from intensive discussions during formal sessions and social activities. The main focus of WBL 2008 was on the most critical areas of blended learning, namely, 'e-Learning Platforms and Tools,' 'Design, Model and Framework of e-Learning Systems,' 'Practice and Experience Sharing,' and 'Pedagogical Issues.' In total, the workshop selected 17 papers from authors of different countries for presentation and publication, a task which was not easy due to the high quality of the submitted papers. Using stringent selection criteria, submissions were rigorously reviewed based on their originality, significance, relevance, and clarity of presentation by an international Program Committee from Germany, Spain, UK, Italy, Ireland, Romania, Hong Kong, Japan, Taiwan, and Macao.

The FLSA, a User's Manual Oct 09 2020

Apple Pro Training Series Aug 26 2019 The only Apple-authorized guide to Final Cut Express HD 3.5, this book delivers the techniques you need to make movie magic with DV or HDV footage. Each chapter presents a complete lesson in an aspect of video editing and finishing, with hands-on projects to complete as you go. All the files you need are on the included DVD-ROM. You'll learn how to make effective edits and adjust them precisely; create polished transitions and sophisticated composites; add audio tracks, titles, and speed and motion effects; then color-correct and finish your video for export to DVD or the Web. Whether you're a student, a devoted amateur who's serious about digital video, or a professional who needs a comprehensive editing program for your home computer, you'll find everything you need to learn Final Cut Express HD 3.5 within the pages of this book. DVD-ROM includes lesson and media files for over 20 hours of training.

Monthly Catalog of United States Government Publications Jan 30 2020

Image-Guided Surgery Jul 18 2021

User's Manual for Nfpa 921 Mar 26 2022 Fire Investigator

Logic Pro 9 and Logic Express 9 Jun 28 2022 This book is a comprehensive introduction to professional audio production with Logic Studio. It uses real-world music and hands-on exercises to teach you how to record, arrange, mix, produce, and polish audio and MIDI files in a professional workflow. Each lesson is self-contained, to allow for jumping to any lesson at any time.

The Complete NPA User's Manual Jan 24 2022

Rewriting Techniques and Applications May 04 2020 This volume contains the proceedings of the Fourth International Conference on Rewriting Techniques and Applications (RTA-91), held in Como, Italy, April 10-12, 1991. The volume includes 40 papers on a wide variety of topics including: term rewriting systems, equational unification, algebraic rewriting, termination proofs, generalization problems, undecidable properties, parametrized specifications, normalizing systems, program transformation, query optimization, tree languages, graph languages, theorem proving systems, completion, graph rewriting systems, and open problems.

User's Manual for the SHAZAM Computer Program Package Sep 27 2019

Pedestrian Safety Jul 06 2020 A recent research report released by the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) has stated that almost 175,000 pedestrians died on U.S. roadways between 1975 and 2001. It was also noted in the report that 12% of all deaths related to motor vehicle crashes in the country are pedestrian fatalities. Most of the safety technology to date in vehicles has been applied to protect the occupants in the vehicle. What can vehicle manufacturers do to reduce pedestrian fatalities? With research being focused on two major fronts - methods to sense the presence of pedestrians and warn drivers of their location, and ways to design vehicles that can help not only adults of various age groups to survive an impact between them and a vehicle but also children that are smaller than most adults - the technical papers in this SAE Progress in Technology Series book explore ways the automobile can be designed to help reduce fatalities and injuries when a pedestrian and vehicle meet during an impact.

Roulette software "Rouletronic" - User manual Feb 22 2022 The roulette software "Rouletronic" is a highly advanced platform that allows you to achieve spectacular financial results while playing roulette. The roulette software "Rouletronic" makes it possible to recognize and use trends that naturally occur on individual numbers and to intelligently group them. It is a completely new approach to random events unheard of in any other software of this type. The platform also allows you to map the roulette graphic interface and thus fully automate the game, including reading the drawn numbers.

The Human Thinking System User's Manual Nov 21 2021 Building on the time-tested, reality-based discipline of general semantics, Olek Netzer provides a guide for clear and critical thinking, a guide for the perplexed that steers individuals in the direction of enhanced rationality and improved evaluation of our experiences, environments, and ourselves. His concern is with both our psychological well being and our societal health, as he addresses interpersonal relations as well as political persuasion and propaganda, drawing on some of the most important thinkers of the past century Lance Strate, President of the Institute

of General Semantics, Professor of Communication and Media Studies at Fordham University.

Mac User's Guide to Living Wirelessly Mar 02 2020 At least four million people will purchase a Mac in 2005, and whether it's a PC or a laptop, it is likely to support at least one type of wireless feature. "The Mac Users Guide to Living Wirelessly," shows readers how to use wireless technology effectively, creatively, and safely. No technical experience or know-how is required and the book will have new Mac and/or new wireless users up and running in no time. A comprehensive guide to every existing Mac wireless technology and device, the book serves as great all-in-one reference tool. The hot new wireless Tiger features as well as the new Airport Express are both covered. With this book, Mac users can successfully navigate all the wireless technologies that their Macs support, from Wi-Fi to Bluetooth and beyond.

PC Mag Oct 21 2021 PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

The Foundations of Communication in Criminal Justice Systems Aug 19 2021 Myriad forms of communication occur within the criminal justice system as judges and attorneys speak to juries, law enforcement officers interact with the public, and the news media presents stories of events in courtrooms. Hindrances abound, however. Law enforcement officers and justice system personnel often encounter challenges that affect their ability to communicate with others, ranging from language barriers, to conflicting accounts of witnessed events, to errors caused by malfunctioning technology. Examining the relevancy of the U.S. Constitution to modern communications, *The Foundations of Communication in Criminal Justice Systems* demonstrates how information is conveyed from multiple perspectives in a range of scenarios, enabling readers to see how these matters relate to and affect the criminal justice system. Topics covered include: How to use the communications process within the justice system from the crafting of messages through the solicitation of feedback Effective methods for persuading individuals and audiences Federal regulations in the workplace and workplace communications tactics How law enforcement and public safety entities use marketing and advertising to influence the general public How to use multimedia resources when communicating Using multiple communications styles to support effective leadership The book concludes with discussions on innovations in communication technology, natural language processing, cybernetics, and other emerging concepts. With an emphasis on logical reasoning in communication, the book explores the perspectives of numerous players in the justice system, from patrol officers to attorneys. Supplemented by examples of written communication templates that can be adapted within a law enforcement organization, it provides readers with solid theoretical and applied approaches to the subject matter.

InfoWorld Apr 26 2022 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

The Use of Fire in Forest Restoration Sep 07 2020

IBM System Storage TS7600 with ProtecTIER Version 3.3 May 28 2022 This IBM® Redbooks® publication describes the IBM solution for data deduplication, the IBM System Storage® TS7650G IBM ProtecTIER® Deduplication Gateway, and the IBM TS7620 ProtecTIER Deduplication Appliance Express. This solution consists of the IBM System Storage ProtecTIER Enterprise Edition V3.3 software and the IBM System Storage TS7600 family of products. They are designed to address the disk-based data protection needs of enterprise data centers. We describe the components that make up IBM System Storage TS7600 with ProtecTIER and provide extensive planning and sizing guidance that enables you to determine your requirements and the correct configuration for your environment. We then guide you through the basic setup steps on the system and on the host. We also describe all operational tasks that are required during normal day-to-day operation or when upgrading your TS7600 products. All available models of the ProtecTIER deduplication system can now be ordered in a configuration to operate in one of the following modes for which we provide setup, configuration and usage guidelines for your business needs: The Virtual Tape Library (VTL) interface is the foundation of ProtecTIER and emulates traditional automated tape libraries. The Symantec NetBackup OpenStorage (OST) API can be integrated with Symantec NetBackup to provide backup-to-disk without having to emulate traditional tape libraries. The newly available File System Interface (FSI) supports Common Internet File System (CIFS) and Network File System (NFS) as a backup

target. This publication is intended for system programmers, storage administrators, hardware and software planners, and other IT personnel that are involved in planning, implementing, and the use of the IBM deduplication solution. It also is intended for anyone seeking detailed technical information about the IBM System Storage TS7600 with ProtecTIER.

Advances in Computer Vision and Information Technology Jun 04 2020 The latest trends in information technology represent a new intellectual paradigm for scientific exploration and the visualization of scientific phenomena. This title covers the emerging technologies in the field. Academics, engineers, industrialists, scientists and researchers engaged in teaching, and research and development of computer science and information technology will find the book useful for their academic and research work.

PROPHET User's Manual May 16 2021

InfoWorld Feb 10 2021 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Apple Pro Training Series Dec 23 2021 Completely revised and updated for Logic Pro 9 and Logic Express 9, this Apple-certified guide shows you how to record, produce, and polish music files with Apple's professional audio software. Veteran music producer David Nahmani's step-by-step, instructions teach you everything from basic music creation to advanced production techniques using Logic's software synthesizers, samplers, and digital signal processors. Using the book's DVD files and either Logic Pro 9 or Logic Express 9, you'll begin making music in the first lesson. Whether you're looking to use your computer as a digital recording studio, create musical compositions, or transfer that song in your head into music you can share, this comprehensive book/DVD combo will show you how. DVD-ROM includes lesson and media files Focused lessons take you step-by-step through professional, real-world projects Accessible writing style puts an expert instructor at your side Ample illustrations and keyboard shortcuts help you master techniques fast Lesson goals and time estimates help you plan your time Chapter review questions summarize what you've learned and prepare you for the Apple Certified Pro Exam All of Peachpit's eBooks contain the same content as the print edition. You will find a link in the last few pages of your eBook that directs you to the media files. Helpful tips: If you are able to search the book, search for "Where are the lesson files?" Go to the very last page of the book and scroll backwards. You will need a web-enabled device or computer in order to access the media files that accompany this ebook. Entering the URL supplied into a computer with web access will allow you to get to the files. Depending on your device, it is possible that your display settings will cut off part of the URL. To make sure this is not the case, try reducing your font size and turning your device to a landscape view. This should cause the full URL to appear.

MicroStrategy Analytics Express User Guide Nov 02 2022 The Express User Guide provides instructions to get started with MicroStrategy Express. It includes an introduction to dashboard analysis, creation, sharing, and management, as well as creating and managing users and teams.

User's Manual to the International Annual Reports Collection Sep 19 2021

InfoWorld Jun 16 2021 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Writing and Speaking in the Technology Professions Jun 24 2019 An updated edition of the classic guide to technical communication Consider that 20 to 50 percent of a technology professional's time is spent communicating with others. Whether writing a memo, preparing a set of procedures, or making an oral presentation, effective communication is vital to your professional success. This anthology delivers concrete advice from the foremost experts on how to communicate more effectively in the workplace. The revised and expanded second edition of this popular book completely updates the original, providing authoritative guidance on communicating via modern technology in the contemporary work environment. Two new sections on global communication and the Internet address communicating effectively in the context of increased e-mail and web usage. As in the original, David Beer's Second Edition discusses a variety of approaches, such as: * Writing technical documents that are clear and effective * Giving oral presentations more confidently * Using graphics and other visual aids judiciously * Holding productive meetings * Becoming an effective listener The new edition also includes updated articles on working with others to get results and on giving directions that work. Each article is aimed specifically at the needs of

engineers and others in the technology professions, and is written by a practicing engineer or a technical communicator. Technical engineers, IEEE society members, and technical writing teachers will find this updated edition of David Beer's classic *Writing and Speaking in the Technology Professions* an invaluable guide to successful communication.

Monthly Catalogue, United States Public Documents Dec 31 2019

iPhone 13 pro max photography user guide Jan 12 2021 If you thought iPhone 12 or any other previous iPhone to have come from Apple is the bomb, wait till you start using your iPhone 13 Pro. On this phone, Apple took it to a new level that will be difficult for competitors to catch up with any time soon. Anyone on the Apple Ecosystem should consider him or herself fortunate to be alive to witness the advanced technology behind the hood that makes life when using the iPhone 13. With more and more people using video technology for their everyday use, Apple has included a whole new lot of video-related features that can help you use your iPhone for cinematography purposes. The iPhone camera has so many hidden features and tricks that you probably don't know about and only a book like this can help to expose those hidden features for you. If you have an iPhone 11 Pro and want to be able to take stunning photos with it, then this book is for you. Now that you have got the iPhone 13 Pro Max, you are probably wondering what next? How do you make the most of this flagship phone and learn to use some of the hidden features of the phone? If you thought iPhone 12 or any other previous iPhone to have come from Apple is the bomb, wait till you start using your iPhone 13 Pro. On this phone, Apple took it to a new level that will be difficult for competitors to catch up with any time soon. Anyone on the Apple Ecosystem should consider him or herself fortunate to be alive to witness the advanced technology behind the hood that makes life when using the iPhone 13. With more and more people using video technology for their everyday use, Apple has included a whole new lot of video-related features that can help you use your iPhone for cinematography purposes. The iPhone camera has so many hidden features and tricks that you probably don't know about and only a book like this can help to expose those hidden features for you. If you have an iPhone 11 Pro and want to be able to take stunning photos with it, then this book is for you. This time with the launch of the iPhone 13, they have included camera upgrades like Portrait mode video, updated filter systems, ProRes, and so much more, but will require that you master the camera setting for you to be able to use it to capture great shots, which is why you should be ordering this book right away because it is going to tell you how to do just that. Very often the manuals and user guides that accompany devices tend to be basic on providing the best tricks and tips required to get the best from such devices which is why this book was written to help you get the most out of your iPhone 13 Pro Camera app. In this book, you will learn: •How to use the iPhone 13 Pro exclusive feature called ProRes •The meaning of Cinematic mode and how they improve your iPhone videography •Why manual camera settings can improve your picture quality •How to access some hidden camera functions that you probably did not expect a phone camera to have •The different functions of the three lenses and how you should use them •Why you should not use the digital zoom and use the optical zoom instead to get the best from your photos This book shows many more functions than you would expect to find on a phone and helps you better utilize your iPhone 13 Pro Max when next you go on a trip, visit the airport, go on vacation, capture important moments, and document the different stages of your child's life. This book is so valuable that this present price is not likely to stay for long as it will be reviewed soon, only those who make an early decision to buy now will benefit from this bargain as it is a real gem of a book.

Translator: Linsy B. PUBLISHER: TEKTIME

Leveraging Applications of Formal Methods, Verification and Validation Apr 14 2021 This volume contains the conference proceedings of ISoLA 2008, the Third International Symposium on Leveraging Applications of Formal Methods, Verification and Validation, which was held in Porto Sani (Kassandra, Chalkidiki), Greece during October 13-15, 2008, sponsored by EASST and in cooperation with the IEEE Technical Committee on Complex Systems. Following the tradition of its forerunners in 2004 and 2006 in Cyprus, and the ISoLA Workshops in Greenbelt (USA) in 2005 and in Poitiers (France) in 2007, ISoLA 2008 provided a forum for developers, users, and researchers to discuss issues related to the adoption and use of rigorous tools and methods for the specification, analysis, verification, certification, construction, test, and maintenance of systems from the point of view of their different application domains. Thus, the ISoLA series of events serves the purpose of bridging the gap between designers and developers of rigorous tools, and

users in engineering and in other disciplines, and to foster and exploit synergetic relationships among scientists, engineers, software developers, decision makers, and other critical thinkers in companies and organizations. In particular, by providing a venue for the discussion of common problems, requirements, algorithms, methodologies, and practices, ISoLA aims at supporting researchers in their quest to improve the utility, reliability, flexibility, and efficiency of tools for building systems, and users in their search for adequate solutions to their problems.

Final Cut Express 4 Jul 30 2022 Here to ensure that users start taking advantage of Final Cut Express 4's powerful editing capabilities immediately is a thoroughly updated task-based guide to the program from best-selling author and digital video expert Lisa Brenneis. Users who are eager to make effective, compelling videos but don't want to invest heavily in training or equipment will welcome Lisa's simple step-by-step instructions, strong visual approach, and sound professional advice. In short order, they'll find themselves editing video; applying special effects and transitions; mastering the program's compositing, titling, and audio tools; and outputting their finished work. Readers will also learn about all that's new in this major upgrade: importing iMovie 08 projects, open format Timeline, built-in AVCHD and more.

SIDPERS User Manual Aug 31 2022

iPhone 13 Pro and Pro Max User Manual Mar 14 2021 The Ultimate iPhone 13 Pro/Pro Max Guide, Complete with Hidden Features and Top Tips The iPhone 13 Pro/Pro Max can be daunting at first, but look no further than this book. This book will show you how to get the most out of your new iPhone, regardless of whether you recently purchased your first iPhone, switched from Android to iPhone, or are upgrading from an earlier generation. Apple has created a whole new way for you to communicate and interact with the world. The iPhone 13 Pro/Pro Max is the most advanced phone Apple has ever released. The iPhone 13 Pro/Pro Max has a plethora of features and functions, which in turn can be overwhelming at times, especially for new users. This book is designed to help you get the most out of your iPhone and will teach you everything you need to know in order to use the phone. From features such as Face ID, to using the 3D camera, this book will help you get the most out of the iPhone 13 Pro/Pro Max. In this book, you'll find step-by-step instructions on how to: 1. Configure your new iPhone 13 Pro or iPhone 13 Pro Max. 2. Explore its features and functionality. 3. How to enable and use Face ID. 4. How to Turn on or turn off your iPhone 13 Pro Max. 5. How to use AirDrop with your iPhone 13 Pro/Pro Max. 6. How to set up "Do Not Disturb" mode on your iPhone 13 Pro. 7. How to turn off the camera's shutter sound via live photo. 8. How to quickly switch between apps. 9. How to adjust the brightness of the screen. 10. How to use the SIM card slot. 11. How to lock and unlock the phone. 12. How to set a passcode. The iPhone 13 Pro/Pro Max User Manual is a must for anyone who is looking for easy-to-follow instructions for their new phone. The iPhone 13 Pro/Pro Max is a great device, but it can be made even better by mastering the hundreds of features it has. This user guide will help you discover the great features of the iPhone 13 Pro/Pro Max to create masterpieces wherever you go. Once you finish reading the book, your new phone will become your best friend. Get your copy to check out these fascinating hidden features, practical advice, adjustments, and iPhone 13 Pro/Pro Max hacks that you may apply.

FPGA Based Accelerators for Financial Applications Nov 29 2019 This book covers the latest approaches and results from reconfigurable computing architectures employed in the finance domain. So-called field-programmable gate arrays (FPGAs) have already shown to outperform standard CPU- and GPU-based computing architectures by far, saving up to 99% of energy depending on the compute tasks. Renowned authors from financial mathematics, computer architecture and finance business introduce the readers into today's challenges in finance IT, illustrate the most advanced approaches and use cases and present currently known methodologies for integrating FPGAs in finance systems together with latest results. The complete algorithm-to-hardware flow is covered holistically, so this book serves as a hands-on guide for IT managers, researchers and quants/programmers who think about integrating FPGAs into their current IT systems.

Strategic Management of the Manufacturing Value Chain Oct 28 2019 Today the Scottish electronics industry employs 40,000 people directly and a further 30,000 in the supply infrastructure. There are now more than 550 electronic manufacturing and supplier companies in 'Silicon Glen'. In terms of the contribution to the economy, electronics is by far the most valuable industry. Its value in 1996 was

approximately £ 10billion and accounted for more than half of Scotland's exports. The major product groupings within the industry include: • PCs, laptops and workstations • Disk drives, cable harnessing • Printers, keyboards and peripherals • Semiconductor devices and PCBs • TV, VCRs, CDs, stereos and other consumer electronics • Cellular phones and telecommunications products • A TMs and funds transfer systems • Networking and security systems • Navigation and sonar systems • Microwave products • Power supplies • Software and compilers Many of these companies are multi-national OEMs, who came to Scotland as inward investing companies. Early inward investing companies were from USA, followed by companies from Japan, and more recently from Taiwan and Korea. An important segment of the industry is involved in the manufacture of computers, including IBM, Compaq, Digital and Sun. In fact approximately 40% of the PCs sold in Europe are built in Scotland. With five of the world's top eight computer manufacturers locating a manufacturing base in Scotland there has been an attraction for foreign companies keen to provide service for these multinationals. In 1995/96 the supply base output was worth £1.

PCR: Methods Express Apr 02 2020 PCR is the most widely used technique in molecular biology. New PCR variants offering substantial benefits to existing protocols appear on a frequent basis. PCR: Methods Express describes the very latest PCR-based methodologies and approaches to provide the most up-to-date practical advice on how to tackle a broad range of biological problems including: *real time qRT-PCR *rapid generation of gene targeting constructs *PCR multiplexes *PCR-based mutagenesis *identification of microdeletions and microduplications *DNA methylation analysis *forensic genetic DNA typing *genotyping

*identification of mutations in single cells *whole genome amplification *diagnosis of infectious diseases *inverse PCR-based RFLP This book is a comprehensive research guide; every chapter discusses the merits and limitations of the available approaches and then provides fully-proven protocols with hints and tips for success. PCR: Methods Express is an essential laboratory manual for researchers in all life science fields and at all levels, from postgraduate student to principal investigator.

Automatic Parallelization Dec 11 2020 Distributed-memory multiprocessing systems (DMS), such as Intel's hypercubes, the Paragon, Thinking Machine's CM-5, and the Meiko Computing Surface, have rapidly gained user acceptance and promise to deliver the computing power required to solve the grand challenge problems of Science and Engineering. These machines are relatively inexpensive to build, and are potentially scalable to large numbers of processors. However, they are difficult to program: the non-uniformity of the memory which makes local accesses much faster than the transfer of non-local data via message-passing operations implies that the locality of algorithms must be exploited in order to achieve acceptable performance. The management of data, with the twin goals of both spreading the computational workload and minimizing the delays caused when a processor has to wait for non-local data, becomes of paramount importance. When a code is parallelized by hand, the programmer must distribute the program's work and data to the processors which will execute it. One of the common approaches to do so makes use of the regularity of most numerical computations. This is the so-called Single Program Multiple Data (SPMD) or data parallel model of computation. With this method, the data arrays in the original program are each distributed to the processors, establishing an ownership relation, and computations defining a data item are performed by the processors owning the data.