

EPUB FREE NI POWERTRAIN CONTROL MODULES GETTING STARTED GUIDE .PDF

IF YOU'RE ACCOUNTABLE FOR ACCOUNTING IN A MID-LEVEL BUSINESS, MICROSOFT DYNAMICS GP ACCOUNTING SOFTWARE CAN BE YOUR BEST FRIEND. MICROSOFT DYNAMICS GP FOR DUMMIES IMPROVES THE FRIENDSHIP BY HIGHLIGHTING THE MOST USEFUL AND PRACTICAL FEATURES, DISPELLING THE MOST COMMON MISCONCEPTIONS, AND LETTING YOU IN ON THE BEST TIPS AND TRICKS ALL IN PLAIN ENGLISH. MICROSOFT DYNAMICS GP FOR DUMMIES SHOWS YOU HOW TO SET UP AND USE THIS MODULAR ACCOUNTING PROGRAM. YOU'LL LEARN TO CUSTOMIZE DYNAMICS GREAT PLAINS GET AROUND THE PROGRAM, CREATE A COMPANY, BUILD AN EFFECTIVE CHART OF ACCOUNTS, AND MAINTAIN A GENERAL LEDGER. YOU'LL FIND OUT HOW TO CREATE INVOICES AND BILL YOUR CUSTOMERS, MANAGE RECEIPTS, AND EASILY MATCH PAYMENTS TO INVOICES. SET UP VENDORS QUICKLY AND EASILY CUSTOMIZE GP FIT YOUR BUSINESS PERFECTLY AND MAKE THE HOME PAGE MORE EFFICIENT. WORK WITH THE MODULES YOU'LL USE MOST OFTEN IN THE PURCHASING, SALES, INVENTORY, AND FINANCIAL SERIES. SAFEGUARD YOUR DATABASE AND SET UP A DISASTER RECOVERY PLAN CONTAINING ALL THE RIGHT STEPS. USE PROFESSIONAL SERVICES TOOLS AND UTILITIES TO FIND AND FIX DATA DISCREPANCIES. GET INVENTORY UNDER CONTROL. CLOSE YOUR BOOKS AT YEAR-END AND USE SHORTCUTS TO EASILY PRINT REPORTS FROM ALL THE DATA YOU'VE COLLECTED. SAVE KEYSTROKES WITH QUICK JOURNAL AND BATCH FREQUENCY. LEVERAGE THE INTEROPERABILITY BETWEEN DYNAMICS GP AND MICROSOFT OFFICE APPLICATIONS. MAKE UPGRADING HASSLE-FREE. MICROSOFT DYNAMICS GP FOR DUMMIES HELPS YOU MAKE THIS SOMETIMES COMPLEX PROGRAM DO YOUR BIDDING, WHICH MIGHT ACCOUNT FOR YOUR RISING POPULARITY IN THE OFFICE. NOTE: CD-ROM, DVD, AND OTHER SUPPLEMENTARY MATERIALS ARE NOT INCLUDED AS PART OF EBOOK FILE. TRUCKS ARE NOT ONLY THE BACKBONE OF LOGISTICS; THEY ARE ALSO EXTREMELY FASCINATING. THE TECHNOLOGY OF THE VARIOUS DESIGNS, BUT ALSO THE SIZE OF THESE VEHICLES ALONE, MAKES THEM REAL HIGHLIGHTS FOR TECHNOLOGY FANS AND FOR MODELLERS. THEY ARE WORTHWHILE REPLICA OBJECTS THAT CAN BE EQUIPPED WITH ALMOST UNLIMITED SPECIAL FUNCTIONS OR TURNED INTO REAL GEMS WITH LIGHT AND SOUND EFFECTS. IN THIS BOOK, ALEXANDER KALCHER SHOWS YOU THE WHOLE VARIETY OF TRUCK MODELLING, STARTING WITH VARIOUS KITS. THE BOOK FIRST SHOWS HOW TO BUILD A MODEL OUT OF THE BOX, I.E. ACCORDING TO THE BUILDING INSTRUCTIONS. THE AUTHOR DISCUSSES SPECIAL FEATURES AND GIVES TIPS ON HOW TO IMPROVE A KIT WITH JUST A FEW RESOURCES. AFTERWARDS, HE CONTINUES WITH DETAILED IMPROVEMENTS, EMBELLISHMENTS, AND ADAPTATIONS TO PERSONAL TASTE, SO THAT MODELS ARE CREATED THAT ARE UNIQUE. THE WEALTH OF INFORMATION ON THE TECHNICAL BACKGROUND, BE IT MECHANICS, ELECTRONICS, OR REMOTE CONTROL TECHNOLOGY, IS ALSO VERY HELPFUL AND MAKES IT EASIER FOR BEGINNERS TO TAKE THEIR FIRST STEPS IN THIS FASCINATING HOBBY. INFOGRAPHICS EXPLAIN EVEN COMPLICATED ISSUES IN AN EASY-TO-UNDERSTAND WAY, AND MANY ILLUSTRATIONS COMPLEMENT THE TEXT. FROM THE CONTENT: WHAT IS TRUCK MODELLING? BASICS OF REMOTE CONTROL TECHNOLOGY. THE FIRST MODEL: TRUCK FROM THE KIT TO YOUR OWN MODEL. MODIFYING THE DRIVE TRAIN. EMBELLISHING THE DRIVER'S CAB. INSTALLING ELECTRICAL FUNCTIONS. REMOTE CONTROL SYSTEM. GLOSSARY OF TERMS. THIS BOOK PRESENTS SELECTED ARTICLES FROM INDIA SMART UTILITY WEEK (ISUW) 2019, WHICH IS THE FIFTH EDITION OF THE CONFERENCE CUM EXHIBITION ON SMART GRIDS AND SMART CITIES ORGANIZED BY INDIA SMART GRID FORUM FROM 12-16 MARCH 2019 AT MANEKSHAW CENTRE, NEW DELHI, INDIA. ISGF IS A PUBLIC-PRIVATE PARTNERSHIP INITIATIVE OF THE MINISTRY OF POWER, GOVT OF INDIA, WITH THE MANDATE OF ACCELERATING SMART GRID DEPLOYMENTS ACROSS THE COUNTRY. THIS BOOK GIVES CURRENT SCENARIO UPDATES OF INDIAN POWER SECTOR BUSINESS. IT ALSO HIGHLIGHTS VARIOUS DISRUPTIVE TECHNOLOGIES FOR POWER SECTOR BUSINESS. BRENDAN WALLACE, WITH A BACKGROUND IN PSYCHOLOGY, DEMONSTRATES THAT THE KEY CLAIMS OF EVOLUTIONARY PSYCHOLOGY (EP), POPULARISED BY STEVEN PINKER AND OTHERS, ARE BASED ON THE BRAIN IS A DIGITAL COMPUTER ARGUMENT. HE THEN ARGUES THAT AS WE NOW KNOW, THIS MODEL OF THE BRAIN WILL NOT WORK. THEREFORE, EP WON'T WORK EITHER SINCE IT IS BASED ON A FALLACIOUS VIEW OF THE MIND. BRAIN THE BOOK, WHICH IS WRITTEN IN A READER-FRIENDLY BUT RIGOROUS STYLE, IS A TIMELY ASSAULT ON ONE OF THE MOST FASHIONABLE PHILOSOPHIES OF MIND CURRENTLY OUT THERE. MICROGRID TECHNOLOGY IS AN EMERGING AREA, AND IT HAS NUMEROUS ADVANTAGES OVER THE CONVENTIONAL POWER GRID. A MICROGRID IS DEFINED AS DISTRIBUTED ENERGY RESOURCES, DER, AND INTERCONNECTED LOADS WITH CLEARLY DEFINED ELECTRICAL BOUNDARIES THAT ACT AS A SINGLE CONTROLLABLE ENTITY CONCERNING THE GRID. MICROGRID TECHNOLOGY ENABLES THE CONNECTION AND DISCONNECTION OF THE SYSTEM FROM THE GRID. THAT IS, THE MICROGRID CAN OPERATE BOTH IN GRID-CONNECTED AND ISLANDED MODES OF OPERATION. MICROGRID TECHNOLOGIES ARE AN IMPORTANT PART OF THE EVOLVING LANDSCAPE OF ENERGY AND POWER SYSTEMS. MANY ASPECTS OF MICROGRIDS ARE DISCUSSED IN THIS VOLUME, INCLUDING IN THE EARLY CHAPTERS OF THE BOOK: THE VARIOUS TYPES OF ENERGY STORAGE SYSTEMS, POWER AND ENERGY MANAGEMENT FOR MICROGRIDS, POWER ELECTRONICS INTERFACE FOR AC/DC MICROGRIDS, BATTERY MANAGEMENT SYSTEMS FOR MICROGRID APPLICATIONS, POWER SYSTEM ANALYSIS FOR MICROGRIDS, AND MANY OTHERS. THE MIDDLE SECTION OF THE BOOK PRESENTS THE POWER QUALITY PROBLEMS IN MICROGRID SYSTEMS AND ITS MITIGATIONS. IT GIVES AN OVERVIEW OF VARIOUS POWER QUALITY PROBLEMS AND ITS SOLUTIONS. DESCRIBES THE PSO ALGORITHM-BASED UPQC CONTROLLER FOR POWER QUALITY ENHANCEMENT. DESCRIBES THE POWER QUALITY ENHANCEMENT AND GRID SUPPORT THROUGH A SOLAR ENERGY CONVERSION SYSTEM. PRESENTS THE FUZZY LOGIC-BASED POWER QUALITY ASSESSMENTS AND COVERS VARIOUS POWER QUALITY INDICES. THE FINAL CHAPTERS IN THE BOOK PRESENT THE RECENT ADVANCEMENTS IN THE MICROGRIDS APPLICATIONS OF INTERNET OF THINGS (IOT) FOR MICROGRIDS, THE APPLICATION OF ARTIFICIAL INTELLIGENT TECHNIQUES, MODELING OF GREEN ENERGY, SMART METER FOR MICROGRIDS, COMMUNICATION NETWORKS FOR MICROGRIDS, AND OTHER ASPECTS OF MICROGRID TECHNOLOGIES. VALUABLE AS A LEARNING TOOL FOR BEGINNERS IN THIS AREA, AS WELL AS A DAILY REFERENCE FOR ENGINEERS AND SCIENTISTS WORKING IN THE AREA OF MICROGRIDS. THIS IS A MUST-HAVE FOR ANY LIBRARY. THE PROCEEDINGS OF THIS UNESCO-SUPPORTED CONFERENCE CONSIST OF PAPERS COVERING NEW TRENDS AND EXPERIENCES IN PARALLEL COMPUTING TECHNOLOGIES. EMPHASIS

IS MADE ON THE PRACTICAL ASPECTS OF PARALLEL PROGRAMMING ESPECIALLY ALL ASPECTS OF THE APPLICATIONS OF PARALLEL COMPUTING TECHNOLOGIES HARDWARE LANGUAGES AND SOFTWARE TOOLS FOR PARALLEL PROCESSING OPERATING SYSTEMS GENERAL ARCHITECTURE CONCEPTS ENABLING TECHNOLOGIES PERFORMANCE MEASUREMENTS AND THE TEACHING OF PARALLEL PROCESSING TECHNOLOGY LITTLEBITS ARE ELECTRONIC BUILDING BLOCKS WITH OVER 60 MODULES AND TRILLIONS OF COMBINATIONS WITH LITTLEBITS ANYONE CAN HARNESS THE POWER OF ELECTRONICS MICROCONTROLLERS AND THE CLOUD REGARDLESS OF AGE GENDER TECHNICAL ABILITY OR EDUCATIONAL BACKGROUND YOU CAN COMBINE THESE SIMPLE SNAP TOGETHER MAGNETIC BRICKS TO MAKE SIMPLE ELECTRONIC CIRCUITS OR BUILD ROBOTS AND DEVICES THAT COMBINE SENSORS MICROCONTROLLERS AND CLOUD CONNECTIVITY THIS BOOK CO AUTHORED BY LITTLEBITS FOUNDER AYAH BDEIR ALONG WITH TOP SELLING AUTHOR MATT RICHARDSON GETTING STARTED WITH RASPBERRY PI TEACHES YOU JUST ENOUGH ELECTRONICS TO START MAKING THINGS WITH LITTLEBITS AND TAKES YOU ON UP THROUGH CONNECTING LITTLEBITS TO THE CLOUD AND PROGRAMMING WITH ITS ARDUINO COMPATIBLE MODULE BEGINNING WITH AN OVERVIEW OF THE BENEFITS OF THE MODERN BUILDING CONTROL SYSTEM THE AUTHORS GO ON TO DESCRIBE THE DIFFERENT CONTROLS AND THEIR APPLICATIONS AND INCLUDE ADVICE ON THEIR SET UP AND TUNING FOR STABLE OPERATION THE TERM INTERNET OF THINGS DEVELOPMENT IS USED TO DESCRIBE THE PROCESS OF DEVELOPING DEPLOYING AND MAINTAINING IOT SYSTEMS THE PROCESS INCLUDES SETTING UP THE CONFIGURATIONS AND WRITING THE CODE FOR AN IOT SOLUTION S SOFTWARE AND HARDWARE COMPONENTS THE DISCIPLINES OF SECURITY HARDWARE DEVICE PROGRAMMING CLOUD PROGRAMMING SYSTEMS ENGINEERING NETWORKING AND MANY MORE MAY INTERSECT WITH THE DEVELOPMENT OF THE INTERNET OF THINGS TO EFFECTIVELY BUILD AND MANAGE IOT SOLUTIONS DEVELOPERS MUST WORK CLOSELY WITH A WIDE RANGE OF SPECIALISTS WORKING UNDER THE IOT DEVELOPMENT UMBRELLA AND WITH THE OTHER STAKEHOLDERS HIGH QUALITY RESILIENT USER FRIENDLY SCALABLE AND SECURE IOT SOLUTIONS ARE ESSENTIAL HOWEVER THERE ARE DIFFICULTIES IN DEVELOPING THE INTERNET OF THINGS CYBERCRIMINALS MAY TARGET A FAR LARGER NUMBER OF DEVICES IN AN IOT NETWORK A SINGLE COMPROMISED IOT DEVICE MIGHT LEAVE THE WHOLE NETWORK VULNERABLE THE RISING NUMBER OF CYBERATTACKS DEMONSTRATES THE CRITICAL NEED TO PROTECT THE INTERNET OF THINGS IOT NETWORKS ARE VULNERABLE DUE TO THE ABSENCE OF RELIABLE SECURITY MEASURES FOR THE IOT PLATFORMS UNPROTECTED INTERFACES INCLUDING UNENCRYPTED DATA TRANSFER BETWEEN CONNECTED DEVICES THIS COMPLETE GUIDE TO THE AVID SÓ CONSOLE OFFERS THE BEST TECHNIQUES AND PRACTICES FROM A SEASONED INDUSTRY VETERAN CURT SCHULKEY FOR UTILIZING ITS UNIQUE FEATURES AND FUNCTIONS THE AVID SÓ WAS CREATED TO BE THE INDUSTRY STANDARD VIRTUAL MIXING CONSOLE HOWEVER IT IS SO FEATURE PACKED THAT IT CAN BE DIFFICULT FOR NEW USERS TO NAVIGATE THIS BOOK PROVIDES THE ULTIMATE GUIDE TO BREAKING DOWN THESE AMAZING FEATURES AND DEMONSTRATING HOW TO USE THEM EFFECTIVELY IN YOUR NEXT PROJECT WITH EASY TO FOLLOW INSTRUCTIONS RICH ILLUSTRATIONS AND GENERAL REAL WORLD ADVICE FROM THE AUTHOR THIS BOOK TAKES STUDENTS FROM NEOPHYTE TO HIGH LEVEL INTERMEDIATE READERS SHOULD BEGIN WITH A FUNCTIONAL KNOWLEDGE OF PRO TOOLS AND GENERAL UNDERSTANDING OF MIXING FOR CINEMA BUT PREVIOUS KNOWLEDGE OF MIXING SURFACES IS NOT NECESSARY AS THIS BOOK PROVIDES GUIDANCE THROUGH RUDIMENTARY BASIC AND INTERMEDIARY LEVEL WORKFLOWS LEARN THE FUNDAMENTALS OF POWERSHELL TO BUILD REUSABLE SCRIPTS AND FUNCTIONS TO AUTOMATE ADMINISTRATIVE TASKS WITH WINDOWS ABOUT THIS BOOK HARNESS THE CAPABILITIES OF THE POWERSHELL SYSTEM TO GET STARTED QUICKLY WITH SERVER AUTOMATION LEARN TO PACKAGE COMMANDS INTO A REUSABLE SCRIPT AND ADD CONTROL STRUCTURES AND PARAMETERS TO MAKE THEM FLEXIBLE GET TO GRIPS WITH CMDLETS THAT ALLOW YOU TO PERFORM ADMINISTRATION TASKS EFFICIENTLY WHO THIS BOOK IS FOR THIS BOOK IS INTENDED FOR WINDOWS ADMINISTRATORS OR DEVOPS USERS WHO NEED TO USE POWERSHELL TO AUTOMATE TASKS WHETHER YOU KNOW NOTHING ABOUT POWERSHELL OR KNOW JUST ENOUGH TO GET BY THIS GUIDE WILL GIVE YOU WHAT YOU NEED TO GO TO TAKE YOUR SCRIPTING TO THE NEXT LEVEL WHAT YOU WILL LEARN LEARN TO VERIFY YOUR INSTALLED VERSION OF POWERSHELL UPGRADE IT AND START A POWERSHELL SESSION USING THE ISE DISCOVER POWERSHELL COMMANDS AND CMDLETS AND UNDERSTAND POWERSHELL FORMATTING USE THE POWERSHELL HELP SYSTEM TO UNDERSTAND WHAT PARTICULAR CMDLETS DO UTILISE THE PIPELINE TO PERFORM TYPICAL DATA MANIPULATION PACKAGE YOUR CODE IN SCRIPTS FUNCTIONS AND MODULES SOLVE COMMON PROBLEMS USING BASIC FILE INPUT OUTPUT FUNCTIONS FIND SYSTEM INFORMATION WITH WMI AND CIM AUTOMATE IIS FUNCTIONALITY AND MANAGE IT USING THE WEBADMINISTRATION MODULE IN DETAIL WINDOWS POWERSHELL IS A TASK BASED COMMAND LINE SHELL AND SCRIPTING LANGUAGE DESIGNED SPECIFICALLY FOR SYSTEM ADMINISTRATION BUILT ON THE NET FRAMEWORK WINDOWS POWERSHELL HELPS IT PROFESSIONALS AND POWER USERS CONTROL AND AUTOMATE THE ADMINISTRATION OF THE WINDOWS OPERATING SYSTEM AND APPLICATIONS THAT RUN ON WINDOWS POWERSHELL IS GREAT FOR BATCH IMPORTING OR DELETING LARGE SETS OF USER ACCOUNTS AND WILL LET YOU COLLECT A MASSIVE AMOUNT OF DETAILED SYSTEM INFORMATION IN BULK VIA WMI WINDOWS MANAGEMENT INSTRUMENTATION GETTING STARTED WITH POWERSHELL IS DESIGNED TO HELP YOU GET UP AND RUNNING WITH POWERSHELL TAKING YOU FROM THE BASICS OF INSTALLATION TO WRITING SCRIPTS AND WEB SERVER AUTOMATION THIS BOOK AS AN INTRODUCTION TO THE CENTRAL TOPICS OF POWERSHELL COVERS FINDING AND UNDERSTANDING POWERSHELL COMMANDS AND PACKAGING CODE FOR REUSABILITY RIGHT THROUGH TO A PRACTICAL EXAMPLE OF AUTOMATING IIS IT ALSO INCLUDES TOPICS SUCH AS INSTALLATION AND SETUP CREATING SCRIPTS AUTOMATING TASKS AND USING POWERSHELL TO ACCESS DATA STORES REGISTRY AND FILE SYSTEMS YOU WILL EXPLORE THE POWERSHELL ENVIRONMENT AND DISCOVER HOW TO USE CMDLETS FUNCTIONS AND SCRIPTS TO AUTOMATE WINDOWS SYSTEMS ALONG THE WAY YOU WILL LEARN TO PERFORM DATA MANIPULATION AND SOLVE COMMON PROBLEMS USING BASIC FILE INPUT OUTPUT FUNCTIONS BY THE END OF THIS BOOK YOU WILL BE FAMILIAR WITH POWERSHELL AND BE ABLE TO UTILIZE THE LESSONS LEARNED FROM THE BOOK TO AUTOMATE YOUR SERVERS STYLE AND APPROACH A PRACTICAL LEARNING GUIDE COMPLETE WITH PLENTY OF ACTIVITIES EXAMPLES AND SCREENSHOTS THIS REVISION GUIDE INCLUDES QUESTIONS IN THE APPROPRIATE STYLE FOR THE ASSESSMENT PLENTY OF EXAM PRACTICE EXAM TIPS AND DEDICATED TEXTBOOKS FOR BOTH HIGHER AND FOUNDATION TIER IT MATCHES THE STRUCTURE AND CONTENT OF THE NEW EDEXCEL MODULAR SPECIFICATION P2P GRID CLOUD AND INTERNET COMPUTING TECHNOLOGIES HAVE BEEN VERY FAST ESTABLISHED AS BREAKTHROUGH PARADIGMS FOR SOLVING COMPLEX PROBLEMS BY ENABLING AGGREGATION AND SHARING OF AN INCREASING VARIETY OF DISTRIBUTED COMPUTATIONAL RESOURCES AT LARGE SCALE THE AIM OF THIS VOLUME IS TO

PROVIDE LATEST RESEARCH FINDINGS INNOVATIVE RESEARCH RESULTS METHODS AND DEVELOPMENT TECHNIQUES FROM BOTH THEORETICAL AND PRACTICAL PERSPECTIVES RELATED TO P2P GRID CLOUD AND INTERNET COMPUTING AS WELL AS TO REVEAL SYNERGIES AMONG SUCH LARGE SCALE COMPUTING PARADIGMS THIS PROCEEDINGS VOLUME PRESENTS THE RESULTS OF THE 11TH INTERNATIONAL CONFERENCE ON P2P PARALLEL GRID CLOUD AND INTERNET COMPUTING 3PGCIC 2016 HELD NOVEMBER 5 7 2016 AT SOONCHUNHYANG UNIVERSITY ASAN KOREA THE TWO VOLUME SET CCIS 1712 AND 1713 CONSTITUTES THE PROCEEDINGS OF THE 21ST ASIAN SIMULATION CONFERENCE ASIASIM 2022 WHICH TOOK PLACE IN CHANGSHA CHINA IN JANUARY 2023 DUE TO THE COVID PANDEMIC ASIASIM 2022 HAS BEEN POSTPONED TO JANUARY 2023 THE 97 PAPERS PRESENTED IN THE PROCEEDINGS WERE CAREFULLY REVIEWED AND SELECTED FROM 218 SUBMISSIONS THE CONTRIBUTIONS WERE ORGANIZED IN TOPICAL SECTIONS AS FOLLOWS MODELING THEORY AND METHODOLOGY CONTINUOUS SYSTEM DISCRETE EVENT SYSTEM HYBRID SYSTEM INTELLIGENT SYSTEM MODELING AND SIMULATION COMPLEX SYSTEMS AND OPEN COMPLEX AND GIANT SYSTEMS MODELING AND SIMULATION INTEGRATED NATURAL ENVIRONMENT AND VIRTUAL REALITY ENVIRONMENT MODELING AND SIMULATION NETWORKED MODELING AND SIMULATION FLIGHT SIMULATION SIMULATOR SIMULATION SUPPORT ENVIRONMENT SIMULATION STANDARD AND SIMULATION SYSTEM CONSTRUCTION HIGH PERFORMANCE COMPUTING PARALLEL COMPUTING PERVASIVE COMPUTING EMBEDDED COMPUTING AND SIMULATION CAD CAE CAM CIMS VP VM VR SBA BIG DATA CHALLENGES AND REQUIREMENTS FOR SIMULATION AND KNOWLEDGE SERVICES OF BIG DATA ECOSYSTEM ARTIFICIAL INTELLIGENCE FOR SIMULATION APPLICATION OF MODELING SIMULATION IN SCIENCE ENGINEERING SOCIETY ECONOMY MANAGEMENT ENERGY TRANSPORTATION LIFE BIOLOGY MEDICINE ETC APPLICATION OF MODELING SIMULATION IN ENERGY SAVING EMISSION REDUCTION PUBLIC SAFETY DISASTER PREVENTION MITIGATION MODELING SIMULATION APPLICATIONS IN THE MILITARY FIELD MODELING SIMULATION APPLICATIONS IN EDUCATION AND TRAINING MODELING SIMULATION APPLICATIONS IN ENTERTAINMENT AND SPORTS COURSES IN COMPUTER PROGRAMMING COMBINE A NUMBER OF DIFFERENT CONCEPTS FROM GENERAL PROBLEM SOLVING TO MATHEMATICAL PRECEPTS SUCH AS ALGORITHMS AND COMPUTATIONAL INTELLIGENCE DUE TO THE COMPLEX NATURE OF COMPUTER SCIENCE EDUCATION TEACHING THE NOVICE PROGRAMMER CAN BE A CHALLENGE INNOVATIVE TEACHING STRATEGIES AND NEW LEARNING PARADIGMS IN COMPUTER PROGRAMMING BRINGS TOGETHER PEDAGOGICAL AND TECHNOLOGICAL METHODS TO ADDRESS THE RECENT CHALLENGES THAT HAVE DEVELOPED IN COMPUTER PROGRAMMING COURSES FOCUSING ON EDUCATIONAL TOOLS COMPUTER SCIENCE CONCEPTS AND EDUCATIONAL DESIGN THIS BOOK IS AN ESSENTIAL REFERENCE SOURCE FOR TEACHERS PRACTITIONERS AND SCHOLARS INTERESTED IN IMPROVING THE SUCCESS RATE OF STUDENTS FILLING A NEW NEED IN ENGINEERING EDUCATION GETTING DESIGN RIGHT A SYSTEMS APPROACH INTEGRATES ASPECTS FROM BOTH DESIGN AND SYSTEMS ENGINEERING TO PROVIDE A SOLID UNDERSTANDING OF THE FUNDAMENTAL PRINCIPLES AND BEST PRACTICES IN THESE AREAS THROUGH EXAMPLES IT ENCOURAGES STUDENTS TO CREATE AN INITIAL PRODUCT DESIGN AND PROJECT PLAN CLASSROOM TE THIS VOLUME COVERS KEY TOPICS IN THE FIELD FROM A VARIETY OF LEADING RESEARCHERS IN ONE VOLUME READERS GAIN EXPOSURE TO SEVERAL PERSPECTIVES IN THE AREAS OF CORPUS ANNOTATION AND ANALYSIS DIALOGUE SYSTEM CONSTRUCTION THEORETICAL PERSPECTIVES ON COMMUNICATIVE INTENTION CONTEXT BASED GENERATION AND MODELING OF DISCOURSE STRUCTURE BASED ON THE 2ND SIGDIAL WORKSHOP ON DISCOURSE AND DIALOGUE HELD IN CONJUNCTION WITH EUROSPEECH 2001 IT IS OF INTEREST TO RESEARCHERS AND PRACTITIONERS IN DIALOGUE AND DISCOURSE PROCESSING POPULAR MECHANICS INSPIRES INSTRUCTS AND INFLUENCES READERS TO HELP THEM MASTER THE MODERN WORLD WHETHER IT S PRACTICAL DIY HOME IMPROVEMENT TIPS GADGETS AND DIGITAL TECHNOLOGY INFORMATION ON THE NEWEST CARS OR THE LATEST BREAKTHROUGHS IN SCIENCE PM IS THE ULTIMATE GUIDE TO OUR HIGH TECH LIFESTYLE MAKE THE FULLEST POSSIBLE RECOVERY AFTER NEUROLOGICAL INJURY WITH THIS DEFINITIVE GUIDE BY A DOCTOR AND SPINAL CORD INJURY SURVIVOR WHO S BEEN THERE AFTER AN ACCIDENT THAT LEFT HIM PERMANENTLY PARALYZED OVER TEN YEARS AGO DR BRADFORD BERK MADE IT HIS MISSION TO HELP OTHERS RECOVER FROM ACUTE NEUROLOGICAL INJURY ANI AS THE FOUNDER AND DIRECTOR OF THE UNIVERSITY OF ROCHESTER NEURORESTORATION INSTITUTE HE BRINGS HIS ABUNDANT EXPERIENCE IN WORKING WITH PATIENTS AND MAKING HIS OWN ONGOING RECOVERY TO GETTING YOUR BRAIN AND BODY BACK THE MOST UP TO DATE GUIDE FOR SURVIVORS OF SPINAL CORD INJURY SCI STROKE AND TRAUMATIC BRAIN INJURY TBI EACH OF THESE ACUTE NEUROLOGICAL INJURIES CAN RESULT IN SIMILAR PHYSICAL AND PSYCHOLOGICAL CHALLENGES AND REQUIRE SIMILAR TREATMENTS MEDICATIONS AND ASSISTIVE DEVICES GETTING YOUR BRAIN AND BODY BACK OFFERS COMPREHENSIVE REASSURING GUIDANCE FOR YOUR EVERY CONCERN HOW TO DEAL WITH GRIEF AND TRAUMA IN THE AFTERMATH OF ACCIDENT OR INJURY AND BUILD RESILIENCE AS YOU FIND YOUR WAY FORWARD WHAT ADAPTIVE DEVICES FOR BATHING DINING MOBILITY AND MORE WILL HELP YOU ENJOY LIFE TO THE UTMOST HOW TO PREVENT AND TREAT SECONDARY HEALTH PROBLEMS OF EVERY KIND SUCH AS HEART SKIN AND BLADDER TROUBLES SEXUAL HEALTH INCLUDED THERAPEUTIC APPROACHES FROM BOTH WESTERN AND EASTERN MEDICINE TO CONSIDER FOR MAXIMUM HEALING AND PAIN RELIEF DR BERK S CANDID ADVICE ON MEDICAL TREATMENT AND DAILY LIVING PLUS INSIGHTS FROM THE BRIGHTEST MINDS IN THE FIELD WILL HELP GET YOU OR YOUR LOVED ONE BACK TO LIFE THE OBJECTIVE OF THE 2014 INTERNATIONAL CONFERENCE ON COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING CNSCE2014 IS TO PROVIDE A PLATFORM FOR ALL RESEARCHERS IN THE FIELD OF COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING TO SHARE THE MOST ADVANCED KNOWLEDGE FROM BOTH ACADEMIC AND INDUSTRIAL WORLD TO COMMUNICATE WITH EACH OTHER ABOUT THEIR EXPERIENCE AND MOST UP TO DATE RESEARCH ACHIEVEMENTS AND TO DISCUSS ISSUES AND FUTURE PROSPECTS IN THESE FIELDS AS AN INTERNATIONAL CONFERENCE MIXED WITH ACADEMIA AND INDUSTRY CNSCE2014 PROVIDES ATTENDEES NOT ONLY THE FREE EXCHANGE OF IDEAS AND CHALLENGES FACED BY THESE TWO KEY STAKEHOLDERS AND ENCOURAGE FUTURE COLLABORATION BETWEEN MEMBERS OF THESE GROUPS BUT ALSO A GOOD OPPORTUNITY TO MAKE FRIENDS WITH SCHOLARS AROUND THE WORLD AS THE FIRST SESSION OF THE INTERNATIONAL CONFERENCE ON CNSCE IT COVERS TOPICS RELATED TO COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING CNSCE2014 HAS ATTRACTED MANY SCHOLARS RESEARCHERS AND PRACTITIONERS IN THESE FIELDS FROM VARIOUS COUNTRIES THEY TAKE THIS CHANCE TO GET TOGETHER SHARING THEIR LATEST RESEARCH ACHIEVEMENTS WITH EACH OTHER IT HAS ALSO ACHIEVED GREAT SUCCESS BY ITS UNIQUE CHARACTERISTICS AND STRONG ACADEMIC ATMOSPHERE AS WELL AS ITS AUTHORITY FAST TRACK YOUR WEB DEVELOPMENT SKILLS TO BUILD HIGH PERFORMANCE SPA WITH ANGULAR 2 AND BEYOND ABOUT THIS BOOK UP TO DATE WITH THE LATEST API CHANGES INTRODUCED BY ANGULAR 2 AND 4 GET FAMILIAR WITH THE

IMPROVEMENTS TO DIRECTIVES CHANGE DETECTION DEPENDENCY INJECTION ROUTER AND MORE UNDERSTAND ANGULAR S NEW COMPONENT BASED ARCHITECTURE START USING TYPESCRIPT TO SUPERCHARGE YOUR ANGULAR APPLICATIONS WHO THIS BOOK IS FOR DO YOU WANT TO JUMP IN AT THE DEEP END OF ANGULAR OR PERHAPS YOU RE INTERESTED ASSESSING THE CHANGES TO ANGULARJS BEFORE MOVING OVER IF SO THEN GETTING STARTED WITH ANGULAR IS THE BOOK FOR YOU TO GET THE MOST OUT OF THE BOOK YOU LL NEED TO BE FAMILIAR WITH ANGULARJS 1 X AND HAVE A GOOD UNDERSTANDING OF JAVASCRIPT WHAT YOU WILL LEARN UNDERSTAND THE CHANGES MADE FROM ANGULARJS WITH SIDE BY SIDE CODE SAMPLES TO HELP DEMYSTIFY THE ANGULAR LEARNING CURVE START WORKING WITH ANGULAR S NEW METHOD OF IMPLEMENTING DIRECTIVES USE TYPESCRIPT TO WRITE MODERN POWERFUL ANGULAR APPLICATIONS DIG IN TO THE CHANGE DETECTION METHOD AND OTHER ARCHITECTURAL CHANGES TO MAKE SURE YOU KNOW WHAT S GOING ON UNDER THE HOOD OF ANGULAR GET TO WORK WITH THE NEW ROUTER IN ANGULAR USE THE NEW FEATURES OF ANGULAR INCLUDING PIPES AND THE UPDATED FEATURES SUCH AS FORMS SERVICES AND DEPENDENCY INJECTION LEARN ABOUT THE SERVER SIDE RENDERING IN ANGULAR TO KEEP YOUR NEW APPLICATIONS SEO FRIENDLY ENHANCE YOUR APPLICATIONS USING AHEAD OF TIME COMPILATION AND WORKERS IN DETAIL I M DELIGHTED TO SEE THIS NEW UPDATE AND HOPE IT HELPS YOU BUILD AMAZING THINGS WITH ANGULAR MISKO HEVERY CREATOR OF ANGULARJS AND ANGULAR ANGULAR IS THE MODERN FRAMEWORK YOU NEED TO BUILD PERFORMANT AND ROBUST WEB APPLICATIONS THIS BOOK IS THE QUICKEST WAY TO UPGRADE YOUR ANGULARJS KNOWLEDGE TO THE BRAVE NEW WORLD OF ANGULAR AND GET GRIPS WITH THE FRAMEWORK IT STARTS WITH AN OVERVIEW PUTTING THE CHANGES OF THE FRAMEWORK IN CONTEXT WITH VERSION 1 AFTER THAT YOU WILL BE TAKEN ON A TYPESCRIPT CRASH COURSE SO YOU CAN TAKE ADVANTAGE OF ANGULAR IN ITS NATIVE STATICALLY TYPED ENVIRONMENT YOU LL EXPLORE THE NEW CHANGE DETECTION MECHANISM IN DETAIL HOW DIRECTIVES AND COMPONENTS HAVE CHANGED HOW YOU CREATE APPLICATIONS WITH ANGULAR AND MUCH MORE NEXT YOU LL UNDERSTAND HOW TO EFFICIENLY DEVELOP FORMS USE THE ROUTER IMPLEMENT COMMUNICATION WITH HTTP SERVICES AND TRANSFORM DATA WITH CUSTOM PIPES FINALLY WE WILL TAKE A LOOK AT THE ANGULAR S AHEAD OF TIME COMPILER ANGULAR CLI AND OTHER SUCH TOOLS THAT HELP US BUILD PROFESSIONAL APPLICATIONS BY THE END OF THE BOOK YOU LL BE READY TO START BUILDING QUICK AND EFFICIENT ANGULAR APPLICATIONS COMPATIBLE WITH V2 AND V4 THAT TAKE ADVANTAGE OF ALL THE NEW FEATURES ON OFFER THIS BOOK IS UP TO DATE FOR THE 2 4 RELEASE AND IS COMPATIBLE WITH THE 4 0 RELEASE AS WELL STYLE AND APPROACH STARTING WITH A COMPARISON BETWEEN ANGULAR VERSIONS THIS BOOK IS FILLED WITH SIDE BY SIDE CODE EXAMPLES TO HELP HIGHLIGHT THE CHANGES EACH CHAPTER THEN LOOKS AT MAJOR CHANGES TO THE FRAMEWORK AND IS FILLED WITH SMALL EXAMPLES AND SAMPLE CODE TO GET YOU STARTED DESIGN TECHNOLOGY TO ADDRESS THE NEW AND VAST PROBLEM OF HETEROGENEOUS EMBEDDED SYSTEMS DESIGN WHILE REMAINING COMPATIBLE WITH STANDARD MORE MOORE FLOWS I E CAPABLE OF SIMULTANEOUSLY HANDLING BOTH SILICON COMPLEXITY AND SYSTEM COMPLEXITY REPRESENTS ONE OF THE MOST IMPORTANT CHALLENGES FACING THE SEMICONDUCTOR INDUSTRY TODAY AND WILL BE FOR SEVERAL YEARS TO COME WHILE THE MICRO ELECTRONICS INDUSTRY OVER THE YEARS AND WITH ITS SPECTACULAR AND UNIQUE EVOLUTION HAS BUILT ITS OWN SPECIFIC DESIGN METHODS TO FOCUS MAINLY ON THE MANAGEMENT OF COMPLEXITY THROUGH THE ESTABLISHMENT OF ABSTRACTION LEVELS THE EMERGENCE OF DEVICE HETEROGENEITY REQUIRES NEW APPROACHES ENABLING THE SATISFACTORY DESIGN OF PHYSICALLY HETEROGENEOUS EMBEDDED SYSTEMS FOR THE WIDESPREAD DEPLOYMENT OF SUCH SYSTEMS HETEROGENEOUS EMBEDDED SYSTEMS COMPILED LARGELY FROM A SET OF CONTRIBUTIONS FROM PARTICIPANTS OF PAST EDITIONS OF THE WINTER SCHOOL ON HETEROGENEOUS EMBEDDED SYSTEMS DESIGN TECHNOLOGY FETCH PROPOSES A NECESSARILY BROAD AND HOLISTIC OVERVIEW OF DESIGN TECHNIQUES USED TO TACKLE THE VARIOUS FACETS OF HETEROGENEITY IN TERMS OF TECHNOLOGY AND OPPORTUNITIES AT THE PHYSICAL LEVEL SIGNAL REPRESENTATIONS AND DIFFERENT ABSTRACTION LEVELS ARCHITECTURES AND COMPONENTS BASED ON HARDWARE AND SOFTWARE IN ALL THE MAIN PHASES OF DESIGN MODELING VALIDATION WITH MULTIPLE MODELS OF COMPUTATION SYNTHESIS AND OPTIMIZATION IT CONCENTRATES ON THE SPECIFIC ISSUES AT THE INTERFACES AND IS DIVIDED INTO TWO MAIN PARTS THE FIRST PART EXAMINES MAINLY THEORETICAL ISSUES AND FOCUSES ON THE MODELING VALIDATION AND DESIGN TECHNIQUES THEMSELVES THE SECOND PART ILLUSTRATES THE USE OF THESE METHODS IN VARIOUS DESIGN CONTEXTS AT THE FOREFRONT OF NEW TECHNOLOGY AND ARCHITECTURAL DEVELOPMENTS 1 INTRODUCTION 2 BOOTING AND STARTUP SCRIPT 3 LICENSES 4 USER ACCOUNTS LOGIN AND ACCOUNTING 5 QUEUES 6 BACKUP 7 SYSTEM MONITORING AND PERFORMANCE MANAGEMENT 8 SECURITY 9 NETWORK 10 CLUSTERS BIBLIOGRAPHY APPENDIXES A THE USER ENVIRONMENT B VMS AND THE C ASSESSING OPENVMS AND LINUX THE RIGHT TOOL FOR THE RIGHT JOB D MEMORY MANAGEMENT SYSTEM SERVICES E SYMBOLS DATA AND EXPRESSIONS THE FIRST MAGAZINE DEVOTED ENTIRELY TO DO IT YOURSELF TECHNOLOGY PROJECTSPRESENTS ITS 25TH QUARTERLY EDITION FOR PEOPLE WHO LIKE TO TWEAK DISASSEMBLE RECREATE AND INVENT COOL NEW USES FOR TECHNOLOGY MAKE VOLUME 25 IS ALL ABOUT THE ARDUINO REVOLUTION GIVE YOUR GADGETS A BRAIN PREVIOUSLY OUT OF REACH FOR THE DO IT YOURSELFER THE TINY COMPUTERS CALLED MICROCONTROLLERS ARE NOW SO CHEAP AND EASY TO USE THAT ANYONE CAN MAKE THEIR STUFF SMART WITH A MICROCONTROLLER YOUR GADGET CAN SENSE THE ENVIRONMENT TALK TO THE INTERNET OR OTHER HARDWARE AND MAKE THINGS HAPPEN IN THE REAL WORLD BY CONTROLLING MOTORS LIGHTS OR ANY ELECTRONIC DEVICE THE ARDUINO IS AN EASY TO USE MICROCONTROLLER BOARD IT S LIKE AN R D LAB ON YOUR KITCHEN TABLE FOR PROTOTYPING ANY GADGET WE SHOW YOU HOW TO MAKE ONE AND HOW TO USE ARDUINOS AND OTHER MICROCONTROLLERS TO MAKE AN AUTOMATIC YOGURT MAKER A VINTAGE SKYPE TELEPHONE A GUMBALL MACHINE THAT RECOGNIZES YOUR SECRET KNOCK AND MORE PLUS MAKE A HELICOPTER ROCKET GOURMET SOUS VIDE FOOD COOKER REVERSE GEOCACHE TREASURE BOX AND MANY MORE FUN DIY PROJECTS THE FIVE VOLUME SET CCIS 224 228 CONSTITUTES THE REFEREED PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON APPLIED INFORMATICS AND COMMUNICATION ICAIC 2011 HELD IN XI AN CHINA IN AUGUST 2011 THE 446 REVISED PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM NUMEROUS SUBMISSIONS THE PAPERS COVER A BROAD RANGE OF TOPICS IN COMPUTER SCIENCE AND INTERDISCIPLINARY APPLICATIONS INCLUDING CONTROL HARDWARE AND SOFTWARE SYSTEMS NEURAL COMPUTING WIRELESS NETWORKS INFORMATION SYSTEMS AND IMAGE PROCESSING BUSINESS PROCESS RE ENGINEERING TOOLS OFFER TECHNIQUES TO MODEL THE ENTERPRISE AND IDENTIFY OPPORTUNITIES TO MAKE CHANGE THIS BOOK EXAMINES THE APPROACHES TOOLS AND TECHNIQUES WHICH SUPPORT REDESIGN OF THE ENTERPRISE TO ACHIEVE WORLD CLASS PERFORMANCE THIS THREE

VOLUME PROCEEDINGS CONTAINS REVISED SELECTED PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COMPUTATIONAL INTELLIGENCE AICI 2011 HELD IN TAIYUAN CHINA IN SEPTEMBER 2011 THE TOTAL OF 265 HIGH QUALITY PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 1073 SUBMISSIONS THE TOPICS OF PART II COVERED ARE HEURISTIC SEARCHING METHODS IMMUNE COMPUTATION INFORMATION SECURITY INFORMATION THEORY INTELLIGENT CONTROL INTELLIGENT IMAGE PROCESSING INTELLIGENT INFORMATION FUSION INTELLIGENT INFORMATION RETRIEVAL INTELLIGENT SIGNAL PROCESSING KNOWLEDGE REPRESENTATION AND MACHINE LEARNING OPTIMIZATION TECHNIQUES IS A UNIQUE REFERENCE SOURCE TO A DIVERSE ARRAY OF METHODS FOR ACHIEVING OPTIMIZATION AND INCLUDES BOTH SYSTEMS STRUCTURES AND COMPUTATIONAL METHODS THE TEXT DEVOTES BROAD COVERAGE TO A UNIFIED VIEW OF OPTIMAL LEARNING ORTHOGONAL TRANSFORMATION TECHNIQUES SEQUENTIAL CONSTRUCTIVE TECHNIQUES FAST BACK PROPAGATION ALGORITHMS TECHNIQUES FOR NEURAL NETWORKS WITH NONSTATIONARY OR DYNAMIC OUTPUTS APPLICATIONS TO CONSTRAINT SATISFACTION OPTIMIZATION ISSUES AND TECHNIQUES FOR UNSUPERVISED LEARNING NEURAL NETWORKS OPTIMUM CEREBELLAR MODEL OF ARTICULATION CONTROLLER SYSTEMS A NEW STATISTICAL THEORY OF OPTIMUM NEURAL LEARNING AND THE ROLE OF THE RADIAL BASIS FUNCTION IN NONLINEAR DYNAMICAL SYSTEMS THIS VOLUME IS USEFUL FOR PRACTITIONERS RESEARCHERS AND STUDENTS IN INDUSTRIAL MANUFACTURING MECHANICAL ELECTRICAL AND COMPUTER ENGINEERING PROVIDES IN DEPTH TREATMENT OF THEORETICAL CONTRIBUTIONS TO OPTIMAL LEARNING FOR NEURAL NETWORK SYSTEMS OFFERS A COMPREHENSIVE TREATMENT OF ORTHOGONAL TRANSFORMATION TECHNIQUES FOR THE OPTIMIZATION OF NEURAL NETWORK SYSTEMS INCLUDES ILLUSTRATIVE EXAMPLES AND COMPREHENSIVE TREATMENT OF SEQUENTIAL CONSTRUCTIVE TECHNIQUES FOR OPTIMIZATION OF NEURAL NETWORK SYSTEMS PRESENTS A UNIQUELY COMPREHENSIVE TREATMENT OF THE HIGHLY EFFECTIVE FAST BACK PROPAGATION ALGORITHMS FOR THE OPTIMIZATION OF NEURAL NETWORK SYSTEMS TREATS IN DETAIL OPTIMIZATION TECHNIQUES FOR NEURAL NETWORK SYSTEMS WITH NONSTATIONARY OR DYNAMIC INPUTS COVERS OPTIMIZATION TECHNIQUES AND APPLICATIONS OF NEURAL NETWORK SYSTEMS IN CONSTRAINT SATISFACTION THIS BOOK PROVIDES READERS WITH A TIMELY SNAPSHOT OF ERGONOMICS RESEARCH AND METHODS APPLIED TO THE DESIGN DEVELOPMENT AND EVALUATION OF PRODUCTS SYSTEMS AND SERVICES IT GATHERS THEORETICAL CONTRIBUTIONS CASE STUDIES AND REPORTS ON TECHNICAL INTERVENTIONS FOCUSING ON A BETTER UNDERSTANDING OF HUMAN MACHINE INTERACTION AND USER EXPERIENCE FOR IMPROVING PRODUCT DESIGN THE BOOK COVERS A WIDE RANGE OF ESTABLISHED AND EMERGING TOPICS IN USER CENTERED DESIGN RELATING TO DESIGN FOR SPECIAL POPULATIONS DESIGN EDUCATION WORKPLACE ASSESSMENT AND DESIGN ANTHROPOMETRY ERGONOMICS OF BUILDINGS AND URBAN DESIGN SUSTAINABLE DESIGN AS WELL AS VISUAL ERGONOMICS AND INTERDISCIPLINARY RESEARCH AND PRACTICES AMONG OTHERS BASED ON THE AHFE 2021 INTERNATIONAL CONFERENCE ON ERGONOMICS IN DESIGN HELD VIRTUALLY ON 25 29 JULY 2021 FROM USA THE BOOK OFFERS A THOUGHT PROVOKING GUIDE FOR BOTH RESEARCHERS AND PRACTITIONERS IN HUMAN CENTERED DESIGN AND RELATED FIELDS THIS NOVEL TEXTBOOK INTRODUCES ENTERPRISE INTERNET OF THINGS FROM TECHNOLOGY MANAGEMENT AND BUSINESS PERSPECTIVES CAREFULLY EXAMINING ENTERPRISE ENVIRONMENTS THROUGH THE LENS OF MODERNIZATION WITH THE INTERNET OF THINGS IOT IT ALSO INCLUDES DETAILED CASE STUDIES TO OFFER MEANINGFUL INSIGHTS FOR READERS FROM VARIOUS DISCIPLINES AND AREAS THE BOOK ANALYZES THE WAYS IN WHICH THE TECHNOLOGY COULD CONTRIBUTE TO THE ENTERPRISE WORLD IN TERMS OF REVENUE AND NEW BUSINESS MODELS AND ADDRESSES THE STRATEGIES AND PRINCIPLES INVOLVED IN DEVELOPING IOT SOLUTIONS WITH SOFTWARE ENGINEERING PRACTICES SUCH AS DEVOPS AND MICRO SERVICES ARCHITECTURE PRINCIPLES BY DOING SO IT OFFERS READERS A CLEAR OVERVIEW OF THE POWER OF INTERNET OF THINGS IN BUILDING NEXT GENERATION ENTERPRISE USE CASES THE BOOK ENABLES READERS TO UNDERSTAND THE LATEST OPPORTUNITIES TO CREATE NEW BUSINESS MODELS IN ENTERPRISES USING THE UNPRECEDENTED LEVEL OF DEVICE CONNECTIVITY AND THE WEALTH OF DATA GENERATED AND INFORMATION EXCHANGE AMONG THESE DEVICES AS SUCH IT APPEALS TO VARIOUS USER GROUPS SUCH AS ENGINEERS TRYING TO SOLVE PROBLEMS IN THEIR OWN DOMAINS USING ENTERPRISE IOT ACADEMICS INTERESTED IN GAINING A BETTER UNDERSTANDING OF APPLICATIONS OF IOT IN LARGE SCALE ENTERPRISES AND RESEARCHERS WANTING TO CONTRIBUTE TO THE EVER GROWING AND COMPLEX AREA OF IOT CREATE POWERFUL AUTOMATIONS WITH GULP TO IMPROVE THE EFFICIENCY OF YOUR WEB PROJECT WORKFLOW ABOUT THIS BOOK GAIN A SOLID UNDERSTANDING OF GULP AND WRITE YOUR OWN CUSTOM TASKS FROM SCRATCH DISCOVER WAYS TO ADD ADDITIONAL FUNCTIONALITY TO IMPROVE YOUR TASKS GET UP AND RUNNING WITH NEW FEATURES ADDED TO THE LATEST VERSION OF GULP WHO THIS BOOK IS FOR THIS BOOK IS TARGETED AT DEVELOPERS WHO ARE NEW TO BUILD SYSTEMS AND TASK RUNNERS BUT WHO HAVE HAD PRIOR EXPERIENCE WITH WEB DEVELOPMENT A BASIC KNOWLEDGE OF HTML CSS AND JAVASCRIPT IS ASSUMED IT GUIDES THE READER THROUGH THE PROCESS OF USING GULP TO AUTOMATE SEVERAL COMMON DEVELOPMENT TASKS SO THAT THEY CAN SAVE TIME AND FOCUS ON WHAT IS MOST IMPORTANT WRITING GREAT CODE WHAT YOU WILL LEARN HOW TO USE A COMMAND LINE INTERFACE LEARN ABOUT GULP NODE JS AND NPM AND HOW THEY WORK TOGETHER CREATE A GULPFILE FROM SCRATCH AND IMPLEMENT IT INTO A PROJECT WRITE BASIC TASKS THAT WILL CONCATENATE MINIFY COMPRESS AND PRE PROCESS YOUR FILES WRITE ADVANCED TASKS THAT WILL RUN A LOCAL SERVER SYNC FILE CHANGES TO YOUR BROWSER AND ALLOW YOU TO WRITE CLIENT SIDE JAVASCRIPT USING ES2015 IN DETAIL THIS BOOK IS A HANDS ON GUIDE TO GET YOU UP TO SPEED WITH GULP YOU WILL QUICKLY LEARN HOW TO INSTALL CONFIGURE AND RUN YOUR OWN BUILD SYSTEM IT WILL INSTILL YOU WITH THE ABILITY TO AUTOMATE SEVERAL COMMON DEVELOPMENT TASKS TO VASTLY IMPROVE YOUR DEVELOPMENT WORKFLOW THIS BOOK FIRST DEMONSTRATES VARIOUS GULP USE CASES BEFORE RUNNING THROUGH THE STEPS OF CONFIGURING RUNNING AND CUSTOMIZING GULP PROVIDING YOU WITH CORE CONCEPTS OF GULP NODE JS AND NPM DIVING A BIT DEEPER INTO THE GULP ECOSYSTEM WE WILL DISCUSS WHEN AND WHY TO USE A NODE MODULE INSTEAD OF A GULP PLUGIN WE WILL ALSO GO OVER A FEW ISSUES THAT WE CAN RUN INTO WHILE USING GULP AND LEARN ABOUT WAYS TO WORK AROUND THEM TO IMPROVE YOUR GULP EXPERIENCE BY THE END OF THIS BOOK YOU WILL BE ABLE TO CREATE YOUR VERY OWN GULP BUILD FROM SCRATCH CREATE AND MAINTAIN TASKS AND PROJECT BUILDS AND AUTOMATE YOUR WORKFLOW WITH PLUGINS AND CUSTOM TASKS STYLE AND APPROACH A STEP BY STEP GUIDE TO HELP YOU GET STARTED WITH THE LATEST FEATURES THE TIME IS THE PRESENT THE UNITED STATES AND BRITAIN LEAD THE COALITION IN THE WAR WITH IRAQ THE REST OF THE WORLD STILL DOUBTS THE REAL THREAT OF WEAPONS OF MASS DESTRUCTION MEANWHILE ANOTHER

COALITION PREPARES FOR THE COUNTER ATTACK BUT EVEN THIS COALITION DOES NOT REALIZE THAT ONCE THE BEAST IS RELEASED THE WELFARE OF THE ENTIRE PLANET WILL BE IN JEOPARDY BOB MCCASLAND IS A REPRESENTATIVE FOR AN INTERNATIONAL COMPANY WHO TRAVELS FREQUENTLY TO MEXICO HIS NEXT TRIP IS GOING TO HAVE AN ENORMOUS IMPACT ON THE LIFE OF HIS FAMILY AND FRIENDS W P HARGROVE IS THE SPACE SHUTTLES COMMANDER WHO IS MORE COWBOY THAN ASTRONAUT SOON HE IS GOING TO HAVE ONE SHOT AT SAVING THE PLANET AND HIS FRIENDS IN THE SPACE PROGRAM ALL OF THEIR LIVES WILL BE AFFECTED BY THE OUTCOME OF THE HAPPENINGS IN THE MIDDLE EAST WILL ANY OF THEM MAKE IT HOME IS THERE ANY POSSIBILITY THAT THIS TYPE OF DESTRUCTION COULD REALLY HAPPEN IN TODAY S WORLD GETTING TO KNOW THE 35 ARM POWERED LINUX COMPUTER COVER COLLABORATIVE NETWORK ORGANIZATIONS CNO CORRESPONDS TO A VERY ACTIVE AND STEADILY GROWING AREA FOR INSTANCE VIRTUAL ENTERPRISES VIRTUAL ORGANIZATIONS PVC SUGGEST NEW WAYS OF WORK AND PUT THE EMPHASIS ON COLLABORATIVE NETWORKS OF HUMAN ACTORS FURTHER TO THESE MAIN LINES OTHER COLLABORATIVE FORMS AND PATTERNS OF COLLABORATIVE BEHAVIOR ARE EMERGING NOT ONLY IN INDUSTRY BUT ALSO IN SERVICE SECTOR AS WELL AS GOVERNMENTAL AND NON GOVERNMENT SOCIAL ORGANIZATIONS E G THE COLLABORATIVE NETWORKS FOR RESCUE TASKS IN DISASTER SITUATIONS TIME BANK ORGANIZATIONS ETC THE CONCEPT OF BREEDING ENVIRONMENT IS NOW UNDERSTOOD AS A FUNDAMENTAL ENTITY TO ENABLE DYNAMIC COLLABORATIVE ORGANIZATIONS

MICROSOFT DYNAMICS GP FOR DUMMIES *2008-10-13*

IF YOU'RE ACCOUNTABLE FOR ACCOUNTING IN A MID-LEVEL BUSINESS, MICROSOFT DYNAMICS GP ACCOUNTING SOFTWARE CAN BE YOUR BEST FRIEND. MICROSOFT DYNAMICS GP FOR DUMMIES IMPROVES THE FRIENDSHIP BY HIGHLIGHTING THE MOST USEFUL AND PRACTICAL FEATURES, DISPELLING THE MOST COMMON MISCONCEPTIONS, AND LETTING YOU IN ON THE BEST TIPS AND TRICKS ALL IN PLAIN ENGLISH. MICROSOFT DYNAMICS GP FOR DUMMIES SHOWS YOU HOW TO SET UP AND USE THIS MODULAR ACCOUNTING PROGRAM. YOU'LL LEARN TO CUSTOMIZE DYNAMICS GREAT PLAINS GET AROUND THE PROGRAM, CREATE A COMPANY, BUILD AN EFFECTIVE CHART OF ACCOUNTS, AND MAINTAIN A GENERAL LEDGER. YOU'LL FIND OUT HOW TO CREATE INVOICES AND BILL YOUR CUSTOMERS, MANAGE RECEIPTS, AND EASILY MATCH PAYMENTS TO INVOICES. SET UP VENDORS QUICKLY AND EASILY CUSTOMIZE GP TO FIT YOUR BUSINESS PERFECTLY AND MAKE THE HOME PAGE MORE EFFICIENT. WORK WITH THE MODULES YOU'LL USE MOST OFTEN IN THE PURCHASING, SALES, INVENTORY, AND FINANCIAL SERIES. SAFEGUARD YOUR DATABASE AND SET UP A DISASTER RECOVERY PLAN CONTAINING ALL THE RIGHT STEPS. USE PROFESSIONAL SERVICES TOOLS AND UTILITIES TO FIND AND FIX DATA DISCREPANCIES. GET INVENTORY UNDER CONTROL. CLOSE YOUR BOOKS AT YEAR-END AND USE SHORTCUTS TO EASILY PRINT REPORTS FROM ALL THE DATA YOU'VE COLLECTED. SAVE KEYSTROKES WITH QUICK JOURNAL AND BATCH FREQUENCY. LEVERAGE THE INTEROPERABILITY BETWEEN DYNAMICS GP AND MICROSOFT OFFICE APPLICATIONS. MAKE UPGRADING HASSLE-FREE. MICROSOFT DYNAMICS GP FOR DUMMIES HELPS YOU MAKE THIS SOMETIMES COMPLEX PROGRAM DO YOUR BIDDING, WHICH MIGHT ACCOUNT FOR YOUR RISING POPULARITY IN THE OFFICE. NOTE: CD-ROM, DVD, AND OTHER SUPPLEMENTARY MATERIALS ARE NOT INCLUDED AS PART OF EBOOK FILE.

GETTING STARTED IN TRUCK MODELLING *1982-06*

TRUCKS ARE NOT ONLY THE BACKBONE OF LOGISTICS; THEY ARE ALSO EXTREMELY FASCINATING. THE TECHNOLOGY OF THE VARIOUS DESIGNS, BUT ALSO THE SIZE OF THESE VEHICLES ALONE, MAKES THEM REAL HIGHLIGHTS FOR TECHNOLOGY FANS AND FOR MODELLERS. THEY ARE WORTHWHILE REPLICA OBJECTS THAT CAN BE EQUIPPED WITH ALMOST UNLIMITED SPECIAL FUNCTIONS OR TURNED INTO REAL GEMS WITH LIGHT AND SOUND EFFECTS. IN THIS BOOK, ALEXANDER KALCHER SHOWS YOU THE WHOLE VARIETY OF TRUCK MODELLING, STARTING WITH VARIOUS KITS. THE BOOK FIRST SHOWS HOW TO BUILD A MODEL OUT OF THE BOX. I.E. ACCORDING TO THE BUILDING INSTRUCTIONS, THE AUTHOR DISCUSSES SPECIAL FEATURES AND GIVES TIPS ON HOW TO IMPROVE A KIT WITH JUST A FEW RESOURCES. AFTERWARDS, HE CONTINUES WITH DETAILED IMPROVEMENTS, EMBELLISHMENTS, AND ADAPTATIONS TO PERSONAL TASTE, SO THAT MODELS ARE CREATED THAT ARE UNIQUE. THE WEALTH OF INFORMATION ON THE TECHNICAL BACKGROUND, BE IT MECHANICS, ELECTRONICS, OR REMOTE CONTROL TECHNOLOGY, IS ALSO VERY HELPFUL AND MAKES IT EASIER FOR BEGINNERS TO TAKE THEIR FIRST STEPS IN THIS FASCINATING HOBBY. INFOGRAPHICS EXPLAIN EVEN COMPLICATED ISSUES IN AN EASY-TO-UNDERSTAND WAY, AND MANY ILLUSTRATIONS COMPLEMENT THE TEXT. FROM THE CONTENT: WHAT IS TRUCK MODELLING? BASICS OF REMOTE CONTROL TECHNOLOGY. THE FIRST MODEL: TRUCK FROM THE KIT TO YOUR OWN MODEL. MODIFYING THE DRIVE TRAIN. EMBELLISHING THE DRIVER'S CAB. INSTALLING ELECTRICAL FUNCTIONS. REMOTE CONTROL SYSTEM. GLOSSARY OF TERMS.

RESOURCES IN EDUCATION *2021-08-19*

THIS BOOK PRESENTS SELECTED ARTICLES FROM INDIA SMART UTILITY WEEK (ISUW) 2019, WHICH IS THE FIFTH EDITION OF THE CONFERENCE CUM EXHIBITION ON SMART GRIDS AND SMART CITIES ORGANIZED BY INDIA SMART GRID FORUM FROM 12-16 MARCH 2019 AT MANEKSHAW CENTRE, NEW DELHI, INDIA. ISGF IS A PUBLIC-PRIVATE PARTNERSHIP INITIATIVE OF THE MINISTRY OF POWER, GOVT OF INDIA, WITH THE MANDATE OF ACCELERATING SMART GRID DEPLOYMENTS ACROSS THE COUNTRY. THIS BOOK GIVES CURRENT SCENARIO UPDATES OF INDIAN POWER SECTOR BUSINESS. IT ALSO HIGHLIGHTS VARIOUS DISRUPTIVE TECHNOLOGIES FOR POWER SECTOR BUSINESS.

ISUW 2019 *2013-07-24*

BRENDAN WALLACE, WITH A BACKGROUND IN PSYCHOLOGY, DEMONSTRATES THAT THE KEY CLAIMS OF EVOLUTIONARY PSYCHOLOGY (EP), POPULARISED BY STEVEN PINKER AND OTHERS, ARE BASED ON THE BRAIN. IS A DIGITAL COMPUTER ARGUMENT. HE THEN ARGUES THAT AS WE NOW KNOW, THIS MODEL OF THE BRAIN WILL NOT WORK. THEREFORE, EP WON'T WORK EITHER SINCE IT IS BASED ON A FALLACIOUS VIEW OF THE MIND. BRAIN. THE BOOK, WHICH IS WRITTEN IN A READER-FRIENDLY BUT RIGOROUS STYLE, IS A TIMELY ASSAULT ON ONE OF THE MOST FASHIONABLE PHILOSOPHIES OF MIND CURRENTLY OUT THERE.

GETTING DARWIN WRONG *2021-03-10*

MICROGRID TECHNOLOGY IS AN EMERGING AREA AND IT HAS NUMEROUS ADVANTAGES OVER THE CONVENTIONAL POWER GRID A MICROGRID IS DEFINED AS DISTRIBUTED ENERGY RESOURCES DER AND INTERCONNECTED LOADS WITH CLEARLY DEFINED ELECTRICAL BOUNDARIES THAT ACT AS A SINGLE CONTROLLABLE ENTITY CONCERNING THE GRID MICROGRID TECHNOLOGY ENABLES THE CONNECTION AND DISCONNECTION OF THE SYSTEM FROM THE GRID THAT IS THE MICROGRID CAN OPERATE BOTH IN GRID CONNECTED AND ISLANDED MODES OF OPERATION MICROGRID TECHNOLOGIES ARE AN IMPORTANT PART OF THE EVOLVING LANDSCAPE OF ENERGY AND POWER SYSTEMS MANY ASPECTS OF MICROGRIDS ARE DISCUSSED IN THIS VOLUME INCLUDING IN THE EARLY CHAPTERS OF THE BOOK THE VARIOUS TYPES OF ENERGY STORAGE SYSTEMS POWER AND ENERGY MANAGEMENT FOR MICROGRIDS POWER ELECTRONICS INTERFACE FOR AC DC MICROGRIDS BATTERY MANAGEMENT SYSTEMS FOR MICROGRID APPLICATIONS POWER SYSTEM ANALYSIS FOR MICROGRIDS AND MANY OTHERS THE MIDDLE SECTION OF THE BOOK PRESENTS THE POWER QUALITY PROBLEMS IN MICROGRID SYSTEMS AND ITS MITIGATIONS GIVES AN OVERVIEW OF VARIOUS POWER QUALITY PROBLEMS AND ITS SOLUTIONS DESCRIBES THE PSO ALGORITHM BASED UPQC CONTROLLER FOR POWER QUALITY ENHANCEMENT DESCRIBES THE POWER QUALITY ENHANCEMENT AND GRID SUPPORT THROUGH A SOLAR ENERGY CONVERSION SYSTEM PRESENTS THE FUZZY LOGIC BASED POWER QUALITY ASSESSMENTS AND COVERS VARIOUS POWER QUALITY INDICES THE FINAL CHAPTERS IN THE BOOK PRESENT THE RECENT ADVANCEMENTS IN THE MICROGRIDS APPLICATIONS OF INTERNET OF THINGS IOT FOR MICROGRIDS THE APPLICATION OF ARTIFICIAL INTELLIGENT TECHNIQUES MODELING OF GREEN ENERGY SMART METER FOR MICROGRIDS COMMUNICATION NETWORKS FOR MICROGRIDS AND OTHER ASPECTS OF MICROGRID TECHNOLOGIES VALUABLE AS A LEARNING TOOL FOR BEGINNERS IN THIS AREA AS WELL AS A DAILY REFERENCE FOR ENGINEERS AND SCIENTISTS WORKING IN THE AREA OF MICROGRIDS THIS IS A MUST HAVE FOR ANY LIBRARY

MICROGRID TECHNOLOGIES *1991-08-24*

THE PROCEEDINGS OF THIS UNESCO SUPPORTED CONFERENCE CONSIST OF PAPERS COVERING NEW TRENDS AND EXPERIENCES IN PARALLEL COMPUTING TECHNOLOGIES EMPHASIS IS MADE ON THE PRACTICAL ASPECTS OF PARALLEL PROGRAMMING ESPECIALLY ALL ASPECTS OF THE APPLICATIONS OF PARALLEL COMPUTING TECHNOLOGIES HARDWARE LANGUAGES AND SOFTWARE TOOLS FOR PARALLEL PROCESSING OPERATING SYSTEMS GENERAL ARCHITECTURE CONCEPTS ENABLING TECHNOLOGIES PERFORMANCE MEASUREMENTS AND THE TEACHING OF PARALLEL PROCESSING TECHNOLOGY

PARALLEL COMPUTING TECHNOLOGIES - PROCEEDINGS OF THE INTERNATIONAL CONFERENCE *2015-04-20*

LITTLEBITS ARE ELECTRONIC BUILDING BLOCKS WITH OVER 60 MODULES AND TRILLIONS OF COMBINATIONS WITH LITTLEBITS ANYONE CAN HARNESS THE POWER OF ELECTRONICS MICROCONTROLLERS AND THE CLOUD REGARDLESS OF AGE GENDER TECHNICAL ABILITY OR EDUCATIONAL BACKGROUND YOU CAN COMBINE THESE SIMPLE SNAP TOGETHER MAGNETIC BRICKS TO MAKE SIMPLE ELECTRONIC CIRCUITS OR BUILD ROBOTS AND DEVICES THAT COMBINE SENSORS MICROCONTROLLERS AND CLOUD CONNECTIVITY THIS BOOK CO AUTHORED BY LITTLEBITS FOUNDER AYAH BDEIR ALONG WITH TOP SELLING AUTHOR MATT RICHARDSON GETTING STARTED WITH RASPBERRY PI TEACHES YOU JUST ENOUGH ELECTRONICS TO START MAKING THINGS WITH LITTLEBITS AND TAKES YOU ON UP THROUGH CONNECTING LITTLEBITS TO THE CLOUD AND PROGRAMMING WITH ITS ARDUINO COMPATIBLE MODULE

GETTING STARTED WITH LITTLEBITS *2000*

BEGINNING WITH AN OVERVIEW OF THE BENEFITS OF THE MODERN BUILDING CONTROL SYSTEM THE AUTHORS GO ON TO DESCRIBE THE DIFFERENT CONTROLS AND THEIR APPLICATIONS AND INCLUDE ADVICE ON THEIR SET UP AND TUNING FOR STABLE OPERATION

BUILDING CONTROL SYSTEMS *2023-09-01*

THE TERM INTERNET OF THINGS DEVELOPMENT IS USED TO DESCRIBE THE PROCESS OF DEVELOPING DEPLOYING AND MAINTAINING IOT SYSTEMS THE PROCESS INCLUDES SETTING UP THE CONFIGURATIONS AND WRITING THE CODE FOR AN IOT SOLUTION S SOFTWARE AND HARDWARE COMPONENTS THE DISCIPLINES OF SECURITY HARDWARE DEVICE PROGRAMMING CLOUD PROGRAMMING SYSTEMS ENGINEERING NETWORKING AND MANY MORE MAY INTERSECT WITH THE DEVELOPMENT OF THE INTERNET OF THINGS TO EFFECTIVELY BUILD AND MANAGE IOT SOLUTIONS DEVELOPERS MUST WORK CLOSELY WITH A WIDE RANGE OF SPECIALISTS WORKING UNDER THE IOT DEVELOPMENT UMBRELLA AND WITH THE OTHER STAKEHOLDERS HIGH QUALITY RESILIENT USER FRIENDLY SCALABLE AND SECURE IOT SOLUTIONS ARE ESSENTIAL HOWEVER THERE ARE DIFFICULTIES IN DEVELOPING THE INTERNET OF THINGS CYBERCRIMINALS MAY TARGET A FAR LARGER NUMBER OF DEVICES IN AN IOT NETWORK A SINGLE COMPROMISED IOT DEVICE MIGHT LEAVE THE WHOLE NETWORK VULNERABLE THE RISING NUMBER OF CYBERATTACKS DEMONSTRATES THE CRITICAL NEED TO PROTECT THE INTERNET OF THINGS IOT NETWORKS ARE VULNERABLE DUE TO THE ABSENCE OF RELIABLE SECURITY MEASURES FOR THE IOT PLATFORMS UNPROTECTED INTERFACES INCLUDING UNENCRYPTED DATA TRANSFER BETWEEN CONNECTED DEVICES

GETTING STARTED WITH THE IOT *2021-11-21*

THIS COMPLETE GUIDE TO THE AVID S6 CONSOLE OFFERS THE BEST TECHNIQUES AND PRACTICES FROM A SEASONED INDUSTRY VETERAN CURT SCHULKEY FOR UTILIZING ITS UNIQUE FEATURES AND FUNCTIONS THE AVID S6 WAS CREATED TO BE THE INDUSTRY STANDARD VIRTUAL MIXING CONSOLE HOWEVER IT IS SO FEATURE PACKED THAT IT CAN BE DIFFICULT FOR NEW USERS TO NAVIGATE THIS BOOK PROVIDES THE ULTIMATE GUIDE TO BREAKING DOWN THESE AMAZING FEATURES AND DEMONSTRATING HOW TO USE THEM EFFECTIVELY IN YOUR NEXT PROJECT WITH EASY TO FOLLOW INSTRUCTIONS RICH ILLUSTRATIONS AND GENERAL REAL WORLD ADVICE FROM THE AUTHOR THIS BOOK TAKES STUDENTS FROM NEOPHYTE TO HIGH LEVEL INTERMEDIATE READERS SHOULD BEGIN WITH A FUNCTIONAL KNOWLEDGE OF PRO TOOLS AND GENERAL UNDERSTANDING OF MIXING FOR CINEMA BUT PREVIOUS KNOWLEDGE OF MIXING SURFACES IS NOT NECESSARY AS THIS BOOK PROVIDES GUIDANCE THROUGH RUDIMENTARY BASIC AND INTERMEDIARY LEVEL WORKFLOWS

GETTING TO WORK WITH THE AVID S6 *2015-08-27*

LEARN THE FUNDAMENTALS OF POWERSHELL TO BUILD REUSABLE SCRIPTS AND FUNCTIONS TO AUTOMATE ADMINISTRATIVE TASKS WITH WINDOWS ABOUT THIS BOOK HARNESS THE CAPABILITIES OF THE POWERSHELL SYSTEM TO GET STARTED QUICKLY WITH SERVER AUTOMATION LEARN TO PACKAGE COMMANDS INTO A REUSABLE SCRIPT AND ADD CONTROL STRUCTURES AND PARAMETERS TO MAKE THEM FLEXIBLE GET TO GRIPS WITH CMDLETS THAT ALLOW YOU TO PERFORM ADMINISTRATION TASKS EFFICIENTLY WHO THIS BOOK IS FOR THIS BOOK IS INTENDED FOR WINDOWS ADMINISTRATORS OR DEVOPS USERS WHO NEED TO USE POWERSHELL TO AUTOMATE TASKS WHETHER YOU KNOW NOTHING ABOUT POWERSHELL OR KNOW JUST ENOUGH TO GET BY THIS GUIDE WILL GIVE YOU WHAT YOU NEED TO GO TO TAKE YOUR SCRIPTING TO THE NEXT LEVEL WHAT YOU WILL LEARN LEARN TO VERIFY YOUR INSTALLED VERSION OF POWERSHELL UPGRADE IT AND START A POWERSHELL SESSION USING THE ISE DISCOVER POWERSHELL COMMANDS AND CMDLETS AND UNDERSTAND POWERSHELL FORMATTING USE THE POWERSHELL HELP SYSTEM TO UNDERSTAND WHAT PARTICULAR CMDLETS DO UTILISE THE PIPELINE TO PERFORM TYPICAL DATA MANIPULATION PACKAGE YOUR CODE IN SCRIPTS FUNCTIONS AND MODULES SOLVE COMMON PROBLEMS USING BASIC FILE INPUT OUTPUT FUNCTIONS FIND SYSTEM INFORMATION WITH WMI AND CIM AUTOMATE IIS FUNCTIONALITY AND MANAGE IT USING THE WEBADMINISTRATION MODULE IN DETAIL WINDOWS POWERSHELL IS A TASK BASED COMMAND LINE SHELL AND SCRIPTING LANGUAGE DESIGNED SPECIFICALLY FOR SYSTEM ADMINISTRATION BUILT ON THE NET FRAMEWORK WINDOWS POWERSHELL HELPS IT PROFESSIONALS AND POWER USERS CONTROL AND AUTOMATE THE ADMINISTRATION OF THE WINDOWS OPERATING SYSTEM AND APPLICATIONS THAT RUN ON WINDOWS POWERSHELL IS GREAT FOR BATCH IMPORTING OR DELETING LARGE SETS OF USER ACCOUNTS AND WILL LET YOU COLLECT A MASSIVE AMOUNT OF DETAILED SYSTEM INFORMATION IN BULK VIA WMI WINDOWS MANAGEMENT INSTRUMENTATION GETTING STARTED WITH POWERSHELL IS DESIGNED TO HELP YOU GET UP AND RUNNING WITH POWERSHELL TAKING YOU FROM THE BASICS OF INSTALLATION TO WRITING SCRIPTS AND WEB SERVER AUTOMATION THIS BOOK AS AN INTRODUCTION TO THE CENTRAL TOPICS OF POWERSHELL COVERS FINDING AND UNDERSTANDING POWERSHELL COMMANDS AND PACKAGING CODE FOR REUSABILITY RIGHT THROUGH TO A PRACTICAL EXAMPLE OF AUTOMATING IIS IT ALSO INCLUDES TOPICS SUCH AS INSTALLATION AND SETUP CREATING SCRIPTS AUTOMATING TASKS AND USING POWERSHELL TO ACCESS DATA STORES REGISTRY AND FILE SYSTEMS YOU WILL EXPLORE THE POWERSHELL ENVIRONMENT AND DISCOVER HOW TO USE CMDLETS FUNCTIONS AND SCRIPTS TO AUTOMATE WINDOWS SYSTEMS ALONG THE WAY YOU WILL LEARN TO PERFORM DATA MANIPULATION AND SOLVE COMMON PROBLEMS USING BASIC FILE INPUT OUTPUT FUNCTIONS BY THE END OF THIS BOOK YOU WILL BE FAMILIAR WITH POWERSHELL AND BE ABLE TO UTILIZE THE LESSONS LEARNED FROM THE BOOK TO AUTOMATE YOUR SERVERS STYLE AND APPROACH A PRACTICAL LEARNING GUIDE COMPLETE WITH PLENTY OF ACTIVITIES EXAMPLES

AND SCREENSHOTS

GETTING STARTED WITH POWERSHELL 2002

THIS REVISION GUIDE INCLUDES QUESTIONS IN THE APPROPRIATE STYLE FOR THE ASSESSMENT PLENTY OF EXAM PRACTICE EXAM TIPS AND DEDICATED TEXTBOOKS FOR BOTH HIGHER AND FOUNDATION TIER IT MATCHES THE STRUCTURE AND CONTENT OF THE NEW EDEXCEL MODULAR SPECIFICATION

REVISE FOR EDEXCEL MODULAR SCIENCE 2016-10-21

P2P GRID CLOUD AND INTERNET COMPUTING TECHNOLOGIES HAVE BEEN VERY FAST ESTABLISHED AS BREAKTHROUGH PARADIGMS FOR SOLVING COMPLEX PROBLEMS BY ENABLING AGGREGATION AND SHARING OF AN INCREASING VARIETY OF DISTRIBUTED COMPUTATIONAL RESOURCES AT LARGE SCALE THE AIM OF THIS VOLUME IS TO PROVIDE LATEST RESEARCH FINDINGS INNOVATIVE RESEARCH RESULTS METHODS AND DEVELOPMENT TECHNIQUES FROM BOTH THEORETICAL AND PRACTICAL PERSPECTIVES RELATED TO P2P GRID CLOUD AND INTERNET COMPUTING AS WELL AS TO REVEAL SYNERGIES AMONG SUCH LARGE SCALE COMPUTING PARADIGMS THIS PROCEEDINGS VOLUME PRESENTS THE RESULTS OF THE 11TH INTERNATIONAL CONFERENCE ON P2P PARALLEL GRID CLOUD AND INTERNET COMPUTING 3PGCIC 2016 HELD NOVEMBER 5 7 2016 AT SOONCHUNHYANG UNIVERSITY ASAN KOREA

ADVANCES ON P2P, PARALLEL, GRID, CLOUD AND INTERNET COMPUTING 2022-12-23

THE TWO VOLUME SET CCIS 1712 AND 1713 CONSTITUTES THE PROCEEDINGS OF THE 21ST ASIAN SIMULATION CONFERENCE ASIASIM 2022 WHICH TOOK PLACE IN CHANGSHA CHINA IN JANUARY 2023 DUE TO THE COVID PANDEMIC ASIASIM 2022 HAS BEEN POSTPONED TO JANUARY 2023 THE 97 PAPERS PRESENTED IN THE PROCEEDINGS WERE CAREFULLY REVIEWED AND SELECTED FROM 218 SUBMISSIONS THE CONTRIBUTIONS WERE ORGANIZED IN TOPICAL SECTIONS AS FOLLOWS MODELING THEORY AND METHODOLOGY CONTINUOUS SYSTEM DISCRETE EVENT SYSTEM HYBRID SYSTEM INTELLIGENT SYSTEM MODELING AND SIMULATION COMPLEX SYSTEMS AND OPEN COMPLEX AND GIANT SYSTEMS MODELING AND SIMULATION INTEGRATED NATURAL ENVIRONMENT AND VIRTUAL REALITY ENVIRONMENT MODELING AND SIMULATION NETWORKED MODELING AND SIMULATION FLIGHT SIMULATION SIMULATOR SIMULATION SUPPORT ENVIRONMENT SIMULATION STANDARD AND SIMULATION SYSTEM CONSTRUCTION HIGH PERFORMANCE COMPUTING PARALLEL COMPUTING PERVASIVE COMPUTING EMBEDDED COMPUTING AND SIMULATION CAD CAE CAM CIMS VP VM VR SBA BIG DATA CHALLENGES AND REQUIREMENTS FOR SIMULATION AND KNOWLEDGE SERVICES OF BIG DATA ECOSYSTEM ARTIFICIAL INTELLIGENCE FOR SIMULATION APPLICATION OF MODELING SIMULATION IN SCIENCE ENGINEERING SOCIETY ECONOMY MANAGEMENT ENERGY TRANSPORTATION LIFE BIOLOGY MEDICINE ETC APPLICATION OF MODELING SIMULATION IN ENERGY SAVING EMISSION REDUCTION PUBLIC SAFETY DISASTER PREVENTION MITIGATION MODELING SIMULATION APPLICATIONS IN THE MILITARY FIELD MODELING SIMULATION APPLICATIONS IN EDUCATION AND TRAINING MODELING SIMULATION APPLICATIONS IN ENTERTAINMENT AND SPORTS

METHODS AND APPLICATIONS FOR MODELING AND SIMULATION OF COMPLEX SYSTEMS 2014-11-30

COURSES IN COMPUTER PROGRAMMING COMBINE A NUMBER OF DIFFERENT CONCEPTS FROM GENERAL PROBLEM SOLVING TO MATHEMATICAL PRECEPTS SUCH AS ALGORITHMS AND COMPUTATIONAL INTELLIGENCE DUE TO THE COMPLEX NATURE OF COMPUTER SCIENCE EDUCATION TEACHING THE NOVICE PROGRAMMER CAN BE A CHALLENGE INNOVATIVE TEACHING STRATEGIES AND NEW LEARNING PARADIGMS IN COMPUTER PROGRAMMING BRINGS TOGETHER PEDAGOGICAL AND TECHNOLOGICAL METHODS TO ADDRESS THE RECENT CHALLENGES THAT HAVE DEVELOPED IN COMPUTER PROGRAMMING COURSES FOCUSING ON EDUCATIONAL TOOLS COMPUTER SCIENCE CONCEPTS AND EDUCATIONAL DESIGN THIS BOOK IS AN ESSENTIAL REFERENCE SOURCE FOR TEACHERS PRACTITIONERS AND SCHOLARS INTERESTED IN IMPROVING THE SUCCESS RATE OF STUDENTS

INNOVATIVE TEACHING STRATEGIES AND NEW LEARNING PARADIGMS IN COMPUTER PROGRAMMING *2009-09-22*

FILLING A NEW NEED IN ENGINEERING EDUCATION GETTING DESIGN RIGHT A SYSTEMS APPROACH INTEGRATES ASPECTS FROM BOTH DESIGN AND SYSTEMS ENGINEERING TO PROVIDE A SOLID UNDERSTANDING OF THE FUNDAMENTAL PRINCIPLES AND BEST PRACTICES IN THESE AREAS THROUGH EXAMPLES IT ENCOURAGES STUDENTS TO CREATE AN INITIAL PRODUCT DESIGN AND PROJECT PLAN CLASSROOM TE

GETTING DESIGN RIGHT *2003-11-30*

THIS VOLUME COVERS KEY TOPICS IN THE FIELD FROM A VARIETY OF LEADING RESEARCHERS IN ONE VOLUME READERS GAIN EXPOSURE TO SEVERAL PERSPECTIVES IN THE AREAS OF CORPUS ANNOTATION AND ANALYSIS DIALOGUE SYSTEM CONSTRUCTION THEORETICAL PERSPECTIVES ON COMMUNICATIVE INTENTION CONTEXT BASED GENERATION AND MODELING OF DISCOURSE STRUCTURE BASED ON THE 2ND SIGDIAL WORKSHOP ON DISCOURSE AND DIALOGUE HELD IN CONJUNCTION WITH EUROSPEECH 2001 IT IS OF INTEREST TO RESEARCHERS AND PRACTITIONERS IN DIALOGUE AND DISCOURSE PROCESSING

CURRENT AND NEW DIRECTIONS IN DISCOURSE AND DIALOGUE *1979-04*

POPULAR MECHANICS INSPIRES INSTRUCTS AND INFLUENCES READERS TO HELP THEM MASTER THE MODERN WORLD WHETHER IT S PRACTICAL DIY HOME IMPROVEMENT TIPS GADGETS AND DIGITAL TECHNOLOGY INFORMATION ON THE NEWEST CARS OR THE LATEST BREAKTHROUGHS IN SCIENCE PM IS THE ULTIMATE GUIDE TO OUR HIGH TECH LIFESTYLE

POPULAR MECHANICS *2021-07-13*

MAKE THE FULLEST POSSIBLE RECOVERY AFTER NEUROLOGICAL INJURY WITH THIS DEFINITIVE GUIDE BY A DOCTOR AND SPINAL CORD INJURY SURVIVOR WHO S BEEN THERE AFTER AN ACCIDENT THAT LEFT HIM PERMANENTLY PARALYZED OVER TEN YEARS AGO DR BRADFORD BERK MADE IT HIS MISSION TO HELP OTHERS RECOVER FROM ACUTE NEUROLOGICAL INJURY ANI AS THE FOUNDER AND DIRECTOR OF THE UNIVERSITY OF ROCHESTER NEURORESTORATION INSTITUTE HE BRINGS HIS ABUNDANT EXPERIENCE IN WORKING WITH PATIENTS AND MAKING HIS OWN ONGOING RECOVERY TO GETTING YOUR BRAIN AND BODY BACK THE MOST UP TO DATE GUIDE FOR SURVIVORS OF SPINAL CORD INJURY SCI STROKE AND TRAUMATIC BRAIN INJURY TBI EACH OF THESE ACUTE NEUROLOGICAL INJURIES CAN RESULT IN SIMILAR PHYSICAL AND PSYCHOLOGICAL CHALLENGES AND REQUIRE SIMILAR TREATMENTS MEDICATIONS AND ASSISTIVE DEVICES GETTING YOUR BRAIN AND BODY BACK OFFERS COMPREHENSIVE REASSURING GUIDANCE FOR YOUR EVERY CONCERN HOW TO DEAL WITH GRIEF AND TRAUMA IN THE AFTERMATH OF ACCIDENT OR INJURY AND BUILD RESILIENCE AS YOU FIND YOUR WAY FORWARD WHAT ADAPTIVE DEVICES FOR BATHING DINING MOBILITY AND MORE WILL HELP YOU ENJOY LIFE TO THE UTMOST HOW TO PREVENT AND TREAT SECONDARY HEALTH PROBLEMS OF EVERY KIND SUCH AS HEART SKIN AND BLADDER TROUBLES SEXUAL HEALTH INCLUDED THERAPEUTIC APPROACHES FROM BOTH WESTERN AND EASTERN MEDICINE TO CONSIDER FOR MAXIMUM HEALING AND PAIN RELIEF DR BERK S CANDID ADVICE ON MEDICAL TREATMENT AND DAILY LIVING PLUS INSIGHTS FROM THE BRIGHTEST MINDS IN THE FIELD WILL HELP GET YOU OR YOUR LOVED ONE BACK TO LIFE

GETTING YOUR BRAIN AND BODY BACK: EVERYTHING YOU NEED TO KNOW AFTER SPINAL CORD INJURY, STROKE, OR TRAUMATIC BRAIN INJURY *2014-03-12*

THE OBJECTIVE OF THE 2014 INTERNATIONAL CONFERENCE ON COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING CNSCE2014 IS TO PROVIDE A PLATFORM FOR ALL RESEARCHERS IN THE FIELD OF COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING TO SHARE THE MOST ADVANCED KNOWLEDGE FROM BOTH ACADEMIC AND INDUSTRIAL WORLD TO COMMUNICATE WITH EACH OTHER ABOUT THEIR EXPERIENCE AND MOST UP TO DATE RESEARCH ACHIEVEMENTS AND TO DISCUSS ISSUES AND FUTURE PROSPECTS IN THESE FIELDS AS AN INTERNATIONAL CONFERENCE MIXED WITH ACADEMIA AND INDUSTRY CNSCE2014 PROVIDES ATTENDEES NOT ONLY THE FREE EXCHANGE OF IDEAS AND CHALLENGES FACED BY THESE TWO KEY STAKEHOLDERS AND ENCOURAGE FUTURE COLLABORATION BETWEEN MEMBERS OF THESE

GROUPS BUT ALSO A GOOD OPPORTUNITY TO MAKE FRIENDS WITH SCHOLARS AROUND THE WORLD AS THE FIRST SESSION OF THE INTERNATIONAL CONFERENCE ON CNSCE IT COVERS TOPICS RELATED TO COMPUTER NETWORK SECURITY AND COMMUNICATION ENGINEERING CNSCE2014 HAS ATTRACTED MANY SCHOLARS RESEARCHERS AND PRACTITIONERS IN THESE FIELDS FROM VARIOUS COUNTRIES THEY TAKE THIS CHANCE TO GET TOGETHER SHARING THEIR LATEST RESEARCH ACHIEVEMENTS WITH EACH OTHER IT HAS ALSO ACHIEVED GREAT SUCCESS BY ITS UNIQUE CHARACTERISTICS AND STRONG ACADEMIC ATMOSPHERE AS WELL AS ITS AUTHORITY

2014 INTERNATIONAL CONFERENCE ON COMPUTER, NETWORK *1981*

FAST TRACK YOUR WEB DEVELOPMENT SKILLS TO BUILD HIGH PERFORMANCE SPA WITH ANGULAR 2 AND BEYOND ABOUT THIS BOOK UP TO DATE WITH THE LATEST API CHANGES INTRODUCED BY ANGULAR 2 AND 4 GET FAMILIAR WITH THE IMPROVEMENTS TO DIRECTIVES CHANGE DETECTION DEPENDENCY INJECTION ROUTER AND MORE UNDERSTAND ANGULAR S NEW COMPONENT BASED ARCHITECTURE START USING TYPESCRIPT TO SUPERCHARGE YOUR ANGULAR APPLICATIONS WHO THIS BOOK IS FOR DO YOU WANT TO JUMP IN AT THE DEEP END OF ANGULAR OR PERHAPS YOU RE INTERESTED ASSESSING THE CHANGES TO ANGULARJS BEFORE MOVING OVER IF SO THEN GETTING STARTED WITH ANGULAR IS THE BOOK FOR YOU TO GET THE MOST OUT OF THE BOOK YOU LL NEED TO BE FAMILIAR WITH ANGULARJS 1 X AND HAVE A GOOD UNDERSTANDING OF JAVASCRIPT WHAT YOU WILL LEARN UNDERSTAND THE CHANGES MADE FROM ANGULARJS WITH SIDE BY SIDE CODE SAMPLES TO HELP DEMYSTIFY THE ANGULAR LEARNING CURVE START WORKING WITH ANGULAR S NEW METHOD OF IMPLEMENTING DIRECTIVES USE TYPESCRIPT TO WRITE MODERN POWERFUL ANGULAR APPLICATIONS DIG IN TO THE CHANGE DETECTION METHOD AND OTHER ARCHITECTURAL CHANGES TO MAKE SURE YOU KNOW WHAT S GOING ON UNDER THE HOOD OF ANGULAR GET TO WORK WITH THE NEW ROUTER IN ANGULAR USE THE NEW FEATURES OF ANGULAR INCLUDING PIPES AND THE UPDATED FEATURES SUCH AS FORMS SERVICES AND DEPENDENCY INJECTION LEARN ABOUT THE SERVER SIDE RENDERING IN ANGULAR TO KEEP YOUR NEW APPLICATIONS SEO FRIENDLY ENHANCE YOUR APPLICATIONS USING AHEAD OF TIME COMPILATION AND WORKERS IN DETAIL I M DELIGHTED TO SEE THIS NEW UPDATE AND HOPE IT HELPS YOU BUILD AMAZING THINGS WITH ANGULAR MISKO HEVERY CREATOR OF ANGULARJS AND ANGULAR ANGULAR IS THE MODERN FRAMEWORK YOU NEED TO BUILD PERFORMANT AND ROBUST WEB APPLICATIONS THIS BOOK IS THE QUICKEST WAY TO UPGRADE YOUR ANGULARJS KNOWLEDGE TO THE BRAVE NEW WORLD OF ANGULAR AND GET GRIPS WITH THE FRAMEWORK IT STARTS WITH AN OVERVIEW PUTTING THE CHANGES OF THE FRAMEWORK IN CONTEXT WITH VERSION 1 AFTER THAT YOU WILL BE TAKEN ON A TYPESCRIPT CRASH COURSE SO YOU CAN TAKE ADVANTAGE OF ANGULAR IN ITS NATIVE STATICALLY TYPED ENVIRONMENT YOU LL EXPLORE THE NEW CHANGE DETECTION MECHANISM IN DETAIL HOW DIRECTIVES AND COMPONENTS HAVE CHANGED HOW YOU CREATE APPLICATIONS WITH ANGULAR AND MUCH MORE NEXT YOU LL UNDERSTAND HOW TO EFFICIENLY DEVELOP FORMS USE THE ROUTER IMPLEMENT COMMUNICATION WITH HTTP SERVICES AND TRANSFORM DATA WITH CUSTOM PIPES FINALLY WE WILL TAKE A LOOK AT THE ANGULAR S AHEAD OF TIME COMPILER ANGULAR CLI AND OTHER SUCH TOOLS THAT HELP US BUILD PROFESSIONAL APPLICATIONS BY THE END OF THE BOOK YOU LL BE READY TO START BUILDING QUICK AND EFFICIENT ANGULAR APPLICATIONS COMPATIBLE WITH V2 AND V4 THAT TAKE ADVANTAGE OF ALL THE NEW FEATURES ON OFFER THIS BOOK IS UP TO DATE FOR THE 2 4 RELEASE AND IS COMPATIBLE WITH THE 4 0 RELEASE AS WELL STYLE AND APPROACH STARTING WITH A COMPARISON BETWEEN ANGULAR VERSIONS THIS BOOK IS FILLED WITH SIDE BY SIDE CODE EXAMPLES TO HELP HIGHLIGHT THE CHANGES EACH CHAPTER THEN LOOKS AT MAJOR CHANGES TO THE FRAMEWORK AND IS FILLED WITH SMALL EXAMPLES AND SAMPLE CODE TO GET YOU STARTED

FORTRAN, GETTING STARTED *2017-02-24*

DESIGN TECHNOLOGY TO ADDRESS THE NEW AND VAST PROBLEM OF HETEROGENEOUS EMBEDDED SYSTEMS DESIGN WHILE REMAINING COMPATIBLE WITH STANDARD MORE MOORE FLOWS I E CAPABLE OF SIMULTANEOUSLY HANDLING BOTH SILICON COMPLEXITY AND SYSTEM COMPLEXITY REPRESENTS ONE OF THE MOST IMPORTANT CHALLENGES FACING THE SEMICONDUCTOR INDUSTRY TODAY AND WILL BE FOR SEVERAL YEARS TO COME WHILE THE MICRO ELECTRONICS INDUSTRY OVER THE YEARS AND WITH ITS SPECTACULAR AND UNIQUE EVOLUTION HAS BUILT ITS OWN SPECIFIC DESIGN METHODS TO FOCUS MAINLY ON THE MANAGEMENT OF COMPLEXITY THROUGH THE ESTABLISHMENT OF ABSTRACTION LEVELS THE EMERGENCE OF DEVICE HETEROGENEITY REQUIRES NEW APPROACHES ENABLING THE SATISFACTORY DESIGN OF PHYSICALLY HETEROGENEOUS EMBEDDED SYSTEMS FOR THE WIDESPREAD DEPLOYMENT OF SUCH SYSTEMS HETEROGENEOUS EMBEDDED SYSTEMS COMPILED LARGELY FROM A SET OF CONTRIBUTIONS FROM PARTICIPANTS OF PAST EDITIONS OF THE WINTER SCHOOL ON HETEROGENEOUS EMBEDDED SYSTEMS DESIGN TECHNOLOGY FETCH PROPOSES A NECESSARILY BROAD AND HOLISTIC OVERVIEW OF DESIGN TECHNIQUES USED TO TACKLE THE VARIOUS FACETS OF HETEROGENEITY IN TERMS OF TECHNOLOGY AND OPPORTUNITIES AT THE PHYSICAL LEVEL SIGNAL REPRESENTATIONS AND DIFFERENT ABSTRACTION LEVELS ARCHITECTURES AND COMPONENTS BASED ON HARDWARE AND SOFTWARE IN ALL THE MAIN PHASES OF DESIGN MODELING VALIDATION WITH MULTIPLE MODELS OF COMPUTATION SYNTHESIS AND OPTIMIZATION IT CONCENTRATES ON THE SPECIFIC ISSUES AT THE INTERFACES AND IS DIVIDED INTO TWO MAIN PARTS THE FIRST PART EXAMINES MAINLY THEORETICAL ISSUES AND FOCUSES ON THE MODELING VALIDATION AND DESIGN TECHNIQUES THEMSELVES THE SECOND PART ILLUSTRATES THE USE OF THESE METHODS IN VARIOUS DESIGN CONTEXTS AT THE FOREFRONT OF NEW TECHNOLOGY AND ARCHITECTURAL DEVELOPMENTS

GETTING STARTED WITH ANGULAR *2012-02-02*

1 INTRODUCTION 2 BOOTING AND STARTUP SCRIPT 3 LICENSES 4 USER ACCOUNTS LOGIN AND ACCOUNTING 5 QUEUES 6 BACKUP 7 SYSTEM MONITORING AND PERFORMANCE MANAGEMENT 8 SECURITY 9 NETWORK 10 CLUSTERS BIBLIOGRAPHY APPENDIXES A THE USER ENVIRONMENT B VMS AND THE C ASSESSING OPENVMS AND LINUX THE RIGHT TOOL FOR THE RIGHT JOB D MEMORY MANAGEMENT SYSTEM SERVICES E SYMBOLS DATA AND EXPRESSIONS

DESIGN TECHNOLOGY FOR HETEROGENEOUS EMBEDDED SYSTEMS 1981

THE FIRST MAGAZINE DEVOTED ENTIRELY TO DO IT YOURSELF TECHNOLOGY PROJECTSPRESENTS ITS 25TH QUARTERLY EDITION FOR PEOPLE WHO LIKE TO TWEAK DISASSEMBLE RECREATE AND INVENT COOL NEW USES FOR TECHNOLOGY MAKE VOLUME 25 IS ALL ABOUT THE ARDUINO REVOLUTION GIVE YOUR GADGETS A BRAIN PREVIOUSLY OUT OF REACH FOR THE DO IT YOURSELER THE TINY COMPUTERS CALLED MICROCONTROLLERS ARE NOW SO CHEAP AND EASY TO USE THAT ANYONE CAN MAKE THEIR STUFF SMART WITH A MICROCONTROLLER YOUR GADGET CAN SENSE THE ENVIRONMENT TALK TO THE INTERNET OR OTHER HARDWARE AND MAKE THINGS HAPPEN IN THE REAL WORLD BY CONTROLLING MOTORS LIGHTS OR ANY ELECTRONIC DEVICE THE ARDUINO IS AN EASY TO USE MICROCONTROLLER BOARD IT S LIKE AN R D LAB ON YOUR KITCHEN TABLE FOR PROTOTYPING ANY GADGET WE SHOW YOU HOW TO MAKE ONE AND HOW TO USE ARDUINOS AND OTHER MICROCONTROLLERS TO MAKE AN AUTOMATIC YOGURT MAKER A VINTAGE SKYPE TELEPHONE A GUMBALL MACHINE THAT RECOGNIZES YOUR SECRET KNOCK AND MORE PLUS MAKE A HELICOPTER ROCKET GOURMET SOUS VIDE FOOD COOKER REVERSE GEOCACHE TREASURE BOX AND MANY MORE FUN DIY PROJECTS

BASIC--GETTING STARTED *2003-04-15*

THE FIVE VOLUME SET CCIS 224 228 CONSTITUTES THE REFEREED PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON APPLIED INFORMATICS AND COMMUNICATION ICAIC 2011 HELD IN XI AN CHINA IN AUGUST 2011 THE 446 REVISED PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM NUMEROUS SUBMISSIONS THE PAPERS COVER A BROAD RANGE OF TOPICS IN COMPUTER SCIENCE AND INTERDISCIPLINARY APPLICATIONS INCLUDING CONTROL HARDWARE AND SOFTWARE SYSTEMS NEURAL COMPUTING WIRELESS NETWORKS INFORMATION SYSTEMS AND IMAGE PROCESSING

GETTING STARTED WITH OPENVMS SYSTEM MANAGEMENT *2004*

BUSINESS PROCESS RE ENGINEERING TOOLS OFFER TECHNIQUES TO MODEL THE ENTERPRISE AND IDENTIFY OPPORTUNITIES TO MAKE CHANGE THIS BOOK EXAMINES THE APPROACHES TOOLS AND TECHNIQUES WHICH SUPPORT REDESIGN OF THE ENTERPRISE TO ACHIEVE WORLD CLASS PERFORMANCE

PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE ON FLEXIBLE AUTOMATION AND INTELLIGENT MANUFACTURING *2011-01-11*

THIS THREE VOLUME PROCEEDINGS CONTAINS REVISED SELECTED PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COMPUTATIONAL INTELLIGENCE AICI 2011 HELD IN TAIYUAN CHINA IN SEPTEMBER 2011 THE TOTAL OF 265 HIGH QUALITY PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 1073 SUBMISSIONS THE TOPICS OF PART II COVERED ARE HEURISTIC SEARCHING METHODS IMMUNE COMPUTATION INFORMATION SECURITY INFORMATION THEORY INTELLIGENT CONTROL INTELLIGENT IMAGE PROCESSING INTELLIGENT INFORMATION FUSION INTELLIGENT INFORMATION RETRIEVAL INTELLIGENT SIGNAL PROCESSING KNOWLEDGE REPRESENTATION AND MACHINE LEARNING

MAKE: TECHNOLOGY ON YOUR TIME VOLUME 25 2011-08-02

OPTIMIZATION TECHNIQUES IS A UNIQUE REFERENCE SOURCE TO A DIVERSE ARRAY OF METHODS FOR ACHIEVING OPTIMIZATION AND INCLUDES BOTH SYSTEMS STRUCTURES AND COMPUTATIONAL METHODS THE TEXT DEVOTES BROAD COVERAGE TO A UNIFIED VIEW OF OPTIMAL LEARNING ORTHOGONAL TRANSFORMATION TECHNIQUES SEQUENTIAL CONSTRUCTIVE TECHNIQUES FAST BACK PROPAGATION ALGORITHMS TECHNIQUES FOR NEURAL NETWORKS WITH NONSTATIONARY OR DYNAMIC OUTPUTS APPLICATIONS TO CONSTRAINT SATISFACTION OPTIMIZATION ISSUES AND TECHNIQUES FOR UNSUPERVISED LEARNING NEURAL NETWORKS OPTIMUM CEREBELLAR MODEL OF ARTICULATION CONTROLLER SYSTEMS A NEW STATISTICAL THEORY OF OPTIMUM NEURAL LEARNING AND THE ROLE OF THE RADIAL BASIS FUNCTION IN NONLINEAR DYNAMICAL SYSTEMS THIS VOLUME IS USEFUL FOR PRACTITIONERS RESEARCHERS AND STUDENTS IN INDUSTRIAL MANUFACTURING MECHANICAL ELECTRICAL AND COMPUTER ENGINEERING PROVIDES IN DEPTH TREATMENT OF THEORETICAL CONTRIBUTIONS TO OPTIMAL LEARNING FOR NEURAL NETWORK SYSTEMS OFFERS A COMPREHENSIVE TREATMENT OF ORTHOGONAL TRANSFORMATION TECHNIQUES FOR THE OPTIMIZATION OF NEURAL NETWORK SYSTEMS INCLUDES ILLUSTRATIVE EXAMPLES AND COMPREHENSIVE TREATMENT OF SEQUENTIAL CONSTRUCTIVE TECHNIQUES FOR OPTIMIZATION OF NEURAL NETWORK SYSTEMS PRESENTS A UNIQUELY COMPREHENSIVE TREATMENT OF THE HIGHLY EFFECTIVE FAST BACK PROPAGATION ALGORITHMS FOR THE OPTIMIZATION OF NEURAL NETWORK SYSTEMS TREATS IN DETAIL OPTIMIZATION TECHNIQUES FOR NEURAL NETWORK SYSTEMS WITH NONSTATIONARY OR DYNAMIC INPUTS COVERS OPTIMIZATION TECHNIQUES AND APPLICATIONS OF NEURAL NETWORK SYSTEMS IN CONSTRAINT SATISFACTION

APPLIED INFORMATICS AND COMMUNICATION, PART II 1995-10-31

THIS BOOK PROVIDES READERS WITH A TIMELY SNAPSHOT OF ERGONOMICS RESEARCH AND METHODS APPLIED TO THE DESIGN DEVELOPMENT AND EVALUATION OF PRODUCTS SYSTEMS AND SERVICES IT GATHERS THEORETICAL CONTRIBUTIONS CASE STUDIES AND REPORTS ON TECHNICAL INTERVENTIONS FOCUSING ON A BETTER UNDERSTANDING OF HUMAN MACHINE INTERACTION AND USER EXPERIENCE FOR IMPROVING PRODUCT DESIGN THE BOOK COVERS A WIDE RANGE OF ESTABLISHED AND EMERGING TOPICS IN USER CENTERED DESIGN RELATING TO DESIGN FOR SPECIAL POPULATIONS DESIGN EDUCATION WORKPLACE ASSESSMENT AND DESIGN ANTHROPOMETRY ERGONOMICS OF BUILDINGS AND URBAN DESIGN SUSTAINABLE DESIGN AS WELL AS VISUAL ERGONOMICS AND INTERDISCIPLINARY RESEARCH AND PRACTICES AMONG OTHERS BASED ON THE AHFE 2021 INTERNATIONAL CONFERENCE ON ERGONOMICS IN DESIGN HELD VIRTUALLY ON 25-29 JULY 2021 FROM USA THE BOOK OFFERS A THOUGHT PROVOKING GUIDE FOR BOTH RESEARCHERS AND PRACTITIONERS IN HUMAN CENTERED DESIGN AND RELATED FIELDS

RE-ENGINEERING THE ENTERPRISE 1985

THIS NOVEL TEXTBOOK INTRODUCES ENTERPRISE INTERNET OF THINGS FROM TECHNOLOGY MANAGEMENT AND BUSINESS PERSPECTIVES CAREFULLY EXAMINING ENTERPRISE ENVIRONMENTS THROUGH THE LENS OF MODERNIZATION WITH THE INTERNET OF THINGS IOT IT ALSO INCLUDES DETAILED CASE STUDIES TO OFFER MEANINGFUL INSIGHTS FOR READERS FROM VARIOUS DISCIPLINES AND AREAS THE BOOK ANALYZES THE WAYS IN WHICH THE TECHNOLOGY COULD CONTRIBUTE TO THE ENTERPRISE WORLD IN TERMS OF REVENUE AND NEW BUSINESS MODELS AND ADDRESSES THE STRATEGIES AND PRINCIPLES INVOLVED IN DEVELOPING IOT SOLUTIONS WITH SOFTWARE ENGINEERING PRACTICES SUCH AS DEVOPS AND MICRO SERVICES ARCHITECTURE PRINCIPLES BY DOING SO IT OFFERS READERS A CLEAR OVERVIEW OF THE POWER OF INTERNET OF THINGS IN BUILDING NEXT GENERATION ENTERPRISE USE CASES THE BOOK ENABLES READERS TO UNDERSTAND THE LATEST OPPORTUNITIES TO CREATE NEW BUSINESS MODELS IN ENTERPRISES USING THE UNPRECEDENTED LEVEL OF DEVICE CONNECTIVITY AND THE WEALTH OF DATA GENERATED AND INFORMATION EXCHANGE AMONG THESE DEVICES AS SUCH IT APPEALS TO VARIOUS USER GROUPS SUCH AS ENGINEERS TRYING TO SOLVE PROBLEMS IN THEIR OWN DOMAINS USING ENTERPRISE IOT ACADEMICS INTERESTED IN GAINING A BETTER UNDERSTANDING OF APPLICATIONS OF IOT IN LARGE SCALE ENTERPRISES AND RESEARCHERS WANTING TO CONTRIBUTE TO THE EVER GROWING AND COMPLEX AREA OF IOT

HOW TO DESIGN AND DEVELOP COBOL PROGRAMS 2011-09-12

CREATE POWERFUL AUTOMATIONS WITH GULP TO IMPROVE THE EFFICIENCY OF YOUR WEB PROJECT WORKFLOW ABOUT THIS BOOK GAIN A SOLID UNDERSTANDING OF GULP AND WRITE YOUR OWN CUSTOM TASKS FROM SCRATCH DISCOVER WAYS TO ADD ADDITIONAL FUNCTIONALITY TO IMPROVE YOUR TASKS GET UP AND RUNNING WITH NEW FEATURES ADDED TO THE LATEST VERSION OF GULP WHO THIS BOOK IS FOR THIS

BOOK IS TARGETED AT DEVELOPERS WHO ARE NEW TO BUILD SYSTEMS AND TASK RUNNERS BUT WHO HAVE HAD PRIOR EXPERIENCE WITH WEB DEVELOPMENT A BASIC KNOWLEDGE OF HTML CSS AND JAVASCRIPT IS ASSUMED IT GUIDES THE READER THROUGH THE PROCESS OF USING GULP TO AUTOMATE SEVERAL COMMON DEVELOPMENT TASKS SO THAT THEY CAN SAVE TIME AND FOCUS ON WHAT IS MOST IMPORTANT WRITING GREAT CODE WHAT YOU WILL LEARN HOW TO USE A COMMAND LINE INTERFACE LEARN ABOUT GULP NODE JS AND NPM AND HOW THEY WORK TOGETHER CREATE A GULPFILE FROM SCRATCH AND IMPLEMENT IT INTO A PROJECT WRITE BASIC TASKS THAT WILL CONCATENATE MINIFY COMPRESS AND PRE PROCESS YOUR FILES WRITE ADVANCED TASKS THAT WILL RUN A LOCAL SERVER SYNC FILE CHANGES TO YOUR BROWSER AND ALLOW YOU TO WRITE CLIENT SIDE JAVASCRIPT USING ES2015 IN DETAIL THIS BOOK IS A HANDS ON GUIDE TO GET YOU UP TO SPEED WITH GULP YOU WILL QUICKLY LEARN HOW TO INSTALL CONFIGURE AND RUN YOUR OWN BUILD SYSTEM IT WILL INSTILL YOU WITH THE ABILITY TO AUTOMATE SEVERAL COMMON DEVELOPMENT TASKS TO VASTLY IMPROVE YOUR DEVELOPMENT WORKFLOW THIS BOOK FIRST DEMONSTRATES VARIOUS GULP USE CASES BEFORE RUNNING THROUGH THE STEPS OF CONFIGURING RUNNING AND CUSTOMIZING GULP PROVIDING YOU WITH CORE CONCEPTS OF GULP NODE JS AND NPM DIVING A BIT DEEPER INTO THE GULP ECOSYSTEM WE WILL DISCUSS WHEN AND WHY TO USE A NODE MODULE INSTEAD OF A GULP PLUGIN WE WILL ALSO GO OVER A FEW ISSUES THAT WE CAN RUN INTO WHILE USING GULP AND LEARN ABOUT WAYS TO WORK AROUND THEM TO IMPROVE YOUR GULP EXPERIENCE BY THE END OF THIS BOOK YOU WILL BE ABLE TO CREATE YOUR VERY OWN GULP BUILD FROM SCRATCH CREATE AND MAINTAIN TASKS AND PROJECT BUILDS AND AUTOMATE YOUR WORKFLOW WITH PLUGINS AND CUSTOM TASKS STYLE AND APPROACH A STEP BY STEP GUIDE TO HELP YOU GET STARTED WITH THE LATEST FEATURES

ARTIFICIAL INTELLIGENCE AND COMPUTATIONAL INTELLIGENCE 1998-02-09

THE TIME IS THE PRESENT THE UNITED STATES AND BRITAIN LEAD THE COALITION IN THE WAR WITH IRAQ THE REST OF THE WORLD STILL DOUBTS THE REAL THREAT OF WEAPONS OF MASS DESTRUCTION MEANWHILE ANOTHER COALITION PREPARES FOR THE COUNTER ATTACK BUT EVEN THIS COALITION DOES NOT REALIZE THAT ONCE THE BEAST IS RELEASED THE WELFARE OF THE ENTIRE PLANET WILL BE IN JEOPARDY BOB MCCASLAND IS A REPRESENTATIVE FOR AN INTERNATIONAL COMPANY WHO TRAVELS FREQUENTLY TO MEXICO HIS NEXT TRIP IS GOING TO HAVE AN ENORMOUS IMPACT ON THE LIFE OF HIS FAMILY AND FRIENDS W P HARGROVE IS THE SPACE SHUTTLES COMMANDER WHO IS MORE COWBOY THAN ASTRONAUT SOON HE IS GOING TO HAVE ONE SHOT AT SAVING THE PLANET AND HIS FRIENDS IN THE SPACE PROGRAM ALL OF THEIR LIVES WILL BE AFFECTED BY THE OUTCOME OF THE HAPPENINGS IN THE MIDDLE EAST WILL ANY OF THEM MAKE IT HOME IS THERE ANY POSSIBILITY THAT THIS TYPE OF DESTRUCTION COULD REALLY HAPPEN IN TODAY S WORLD

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COLLABORATIVE NETWORK ORGANIZATIONS CNO CORRESPONDS TO A VERY ACTIVE AND STEADILY GROWING AREA FOR INSTANCE VIRTUAL ENTERPRISES VIRTUAL ORGANIZATIONS PVC SUGGEST NEW WAYS OF WORK AND PUT THE EMPHASIS ON COLLABORATIVE NETWORKS OF HUMAN ACTORS FURTHER TO THESE MAIN LINES OTHER COLLABORATIVE FORMS AND PATTERNS OF COLLABORATIVE BEHAVIOR ARE EMERGING NOT ONLY IN INDUSTRY BUT ALSO IN SERVICE SECTOR AS WELL AS GOVERNMENTAL AND NON GOVERNMENT SOCIAL ORGANIZATIONS E G THE COLLABORATIVE NETWORKS FOR RESCUE TASKS IN DISASTER SITUATIONS TIME BANK ORGANIZATIONS ETC THE CONCEPT OF BREEDING ENVIRONMENT IS NOW UNDERSTOOD AS A FUNDAMENTAL ENTITY TO ENABLE DYNAMIC COLLABORATIVE ORGANIZATIONS

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