

Raspberry Pi Hacks Tips Tools For Making Things With The Inexpensive Linux Computer

YEAH, REVIEWING A BOOK **RASPBERRY PI HACKS TIPS TOOLS FOR MAKING THINGS WITH THE INEXPENSIVE LINUX COMPUTER** COULD BUILD UP YOUR NEAR ASSOCIATES LISTINGS. THIS IS JUST ONE OF THE SOLUTIONS FOR YOU TO BE SUCCESSFUL. AS UNDERSTOOD, ENDOWMENT DOES NOT SUGGEST THAT YOU HAVE EXTRAORDINARY POINTS.

COMPREHENDING AS WITHOUT DIFFICULTY AS CONFORMITY EVEN MORE THAN FURTHER WILL HAVE ENOUGH MONEY EACH SUCCESS. NEIGHBORING TO, THE NOTICE AS WELL AS PERCEPTION OF THIS RASPBERRY PI HACKS TIPS TOOLS FOR MAKING THINGS WITH THE INEXPENSIVE LINUX COMPUTER CAN BE TAKEN AS WELL AS PICKED TO ACT.

SECURITY TESTING WITH RASPBERRY PI - DANIEL W DIETERLE 2019-06-25

WANT TO KNOW HOW TO RUN KALI LINUX ON A RASPBERRY PI? TRYING TO LEARN ETHICAL HACKING ON A BUDGET? WANT TO LEARN HOW TO MAKE CHEAP DROP BOXES? OR HOW TO USE A RASPBERRY PI AS A HID ATTACK DEVICE OR FOR PHYSICAL SECURITY? LOOK NO FURTHER, THIS BOOK IS FOR YOU! TOPICS INCLUDE: - USING KALI LINUX AND KALI-PI ON AN RPI-USING ETHICAL HACKING TOOLS IN RASPBIAN-USING RASPBERRY PI AS A TARGET IN A PENTEST LAB-USING RPI AS A USB HID ATTACK DEVICE-USING CAMERAS ON A RPI TO CREATE PHYSICAL SECURITY DEVICES AND MUCH, MUCH MORE!

RASPBERRY PI HACKS - RUTH SUEHLE 2013-12-09

WITH MORE THAN 60 PRACTICAL AND CREATIVE HACKS, THIS BOOK HELPS YOU TURN RASPBERRY PI INTO THE CENTERPIECE OF SOME COOL ELECTRONICS PROJECTS. WANT TO CREATE A CONTROLLER FOR A CAMERA OR A ROBOT? SET UP LINUX DISTRIBUTIONS FOR MEDIA CENTERS OR PBX PHONE SYSTEMS? THAT'S JUST THE BEGINNING OF WHAT YOU'LL FIND INSIDE RASPBERRY PI HACKS. IF YOU'RE LOOKING TO BUILD EITHER A SOFTWARE OR HARDWARE PROJECT WITH MORE COMPUTING POWER THAN ARDUINO ALONE CAN PROVIDE, RASPBERRY PI IS JUST THE TICKET. AND THE HACKS IN THIS BOOK WILL GIVE YOU LOTS OF GREAT IDEAS. USE CONFIGURATION HACKS TO GET MORE OUT OF YOUR PI BUILD YOUR OWN WEB SERVER OR REMOTE PRINT SERVER TAKE THE PI OUTDOORS TO MONITOR YOUR GARDEN OR CONTROL HOLIDAY LIGHTS CONNECT WITH SETI OR CONSTRUCT AN AWESOME HALLOWEEN COSTUME HACK THE PI'S LINUX OS TO SUPPORT MORE COMPLEX PROJECTS DECODE AUDIO/VIDEO FORMATS OR MAKE YOUR OWN MUSIC PLAYER ACHIEVE A LOW-WEIGHT PAYLOAD FOR AERIAL PHOTOGRAPHY BUILD A PI COMPUTER CLUSTER OR A SOLAR-POWERED LAB

RASPBERRY PI COOKBOOK - SIMON MONK 2016-05-18

"THE WORLD OF RASPBERRY PI IS EVOLVING QUICKLY, WITH MANY NEW INTERFACE BOARDS AND SOFTWARE LIBRARIES BECOMING AVAILABLE ALL THE TIME. IN THIS COOKBOOK, PROLIFIC HACKER AND AUTHOR SIMON MONK PROVIDES MORE THAN 200 PRACTICAL RECIPES FOR RUNNING THIS TINY LOW-COST COMPUTER WITH LINUX, PROGRAMMING IT WITH PYTHON, AND HOOKING UP SENSORS, MOTORS AND OTHER HARDWARE--INCLUDING ARDUINO. YOU'LL ALSO LEARN BASIC PRINCIPLES TO HELP YOU USE NEW TECHNOLOGIES WITH RASPBERRY PI AS ITS ECOSYSTEM DEVELOPS. PYTHON AND OTHER CODE EXAMPLES FROM THE BOOK ARE AVAILABLE ON GITHUB. THIS COOKBOOK IS IDEAL FOR PROGRAMMERS AND HOBBYISTS FAMILIAR WITH THE PI THROUGH RESOURCES SUCH AS GETTING STARTED WITH RASPBERRY PI (O'REILLY)."

BIG BOOK OF WINDOWS HACKS - PRESTON GRALLA 2007

PROVIDES MORE THAN TWO HUNDRED TIPS ON WAYS TO MODIFY THE WINDOWS XP AND VISTA OPERATING SYSTEM, APPLICATIONS, AND HARDWARE ASSOCIATED WITH IT.

LINUX MULTIMEDIA HACKS - KYLE RANKIN 2006

PROVIDES INSTRUCTIONS FOR A VARIETY OF MULTIMEDIA PROJECTS THAT CAN BE DONE WITH LINUX, INCLUDING CREATING DVDS AND VCDs, STREAMING AUDIO AND VIDEO OVER THE INTERNET, AND BUILDING A MYTHTV DIGITAL MEDIA HUB.

STATISTICS HACKS - BRUCE FREY 2006-05-09

WANT TO CALCULATE THE PROBABILITY THAT AN EVENT WILL HAPPEN? BE ABLE TO SPOT FAKE DATA? PROVE BEYOND DOUBT WHETHER ONE THING CAUSES ANOTHER? OR LEARN TO BE A BETTER GAMBLER? YOU CAN DO THAT AND MUCH MORE WITH 75 PRACTICAL AND FUN HACKS PACKED INTO STATISTICS HACKS. THESE COOL TIPS, TRICKS, AND MIND-BOGGLING SOLUTIONS FROM THE WORLD OF STATISTICS, MEASUREMENT, AND RESEARCH METHODS WILL NOT ONLY AMAZE AND ENTERTAIN YOU, BUT WILL GIVE YOU AN ADVANTAGE IN SEVERAL REAL-WORLD SITUATIONS--INCLUDING BUSINESS. THIS BOOK IS IDEAL FOR ANYONE WHO LIKES PUZZLES, BRAINTEASERS, GAMES, GAMBLING, MAGIC TRICKS, AND THOSE WHO WANT TO APPLY MATH AND SCIENCE TO EVERYDAY CIRCUMSTANCES. SEVERAL HACKS IN THE FIRST CHAPTER ALONE--SUCH AS THE "CENTRAL LIMIT THEOREM," WHICH ALLOWS YOU TO KNOW EVERYTHING BY KNOWING JUST A LITTLE--SERVE AS SOUND APPROACHES FOR MARKETING AND OTHER BUSINESS OBJECTIVES. USING THE TOOLS OF INFERENTIAL STATISTICS, YOU CAN UNDERSTAND THE WAY PROBABILITY WORKS, DISCOVER RELATIONSHIPS, PREDICT EVENTS WITH UNCANNY ACCURACY, AND EVEN MAKE A LITTLE MONEY WITH A WELL-PLACED WAGER HERE AND THERE. STATISTICS HACKS PRESENTS USEFUL TECHNIQUES FROM STATISTICS, EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENT, AND EXPERIMENTAL RESEARCH TO HELP YOU SOLVE A VARIETY OF PROBLEMS IN BUSINESS, GAMES, AND LIFE. YOU'LL LEARN HOW TO: PLAY SMART WHEN YOU PLAY TEXAS HOLD 'EM, BLACKJACK, ROULETTE, DICE GAMES, OR EVEN THE LOTTERY DESIGN YOUR OWN WINNABLE BAR BETS TO MAKE MONEY AND AMAZE YOUR FRIENDS PREDICT THE OUTCOMES OF BASEBALL GAMES, KNOW WHEN TO "GO FOR TWO" IN FOOTBALL, AND ANTICIPATE THE WINNERS OF OTHER SPORTING EVENTS WITH SURPRISING ACCURACY DEMYSTIFY AMAZING COINCIDENCES AND DISTINGUISH THE TRULY RANDOM FROM THE ONLY SEEMINGLY RANDOM--EVEN KEEP YOUR IPOD'S "RANDOM" SHUFFLE HONEST SPOT FRAUDULENT DATA, DETECT PLAGIARISM, AND BREAK CODES HOW TO ISOLATE THE EFFECTS OF OBSERVATION ON THE THING OBSERVED WHETHER YOU'RE A STATISTICS ENTHUSIAST WHO DOES CALCULATIONS IN YOUR SLEEP OR A CIVILIAN WHO IS ENTERTAINED BY CLEVER SOLUTIONS TO INTERESTING PROBLEMS, STATISTICS HACKS HAS TOOLS TO GIVE YOU AN EDGE OVER THE WORLD'S SLIM ODDS.

SMART HOME HACKS - GORDON MEYER 2004-10-25

SO MUCH OF WHAT IS COMMONPLACE TODAY WAS ONCE CONSIDERED IMPOSSIBLE, OR AT

LEAST WISHPFUL THINKING. LASER BEAMS IN THE OPERATING ROOM, CARS WITH BUILT-IN GUIDANCE SYSTEMS, CELL PHONES WITH EMAIL ACCESS. THERE'S JUST NO GETTING AROUND THE FACT THAT TECHNOLOGY ALWAYS HAS, AND ALWAYS WILL BE, VERY COOL. BUT TECHNOLOGY ISN'T ONLY COOL; IT'S ALSO VERY SMART. THAT'S WHY ONE OF THE HOTTEST TECHNOLOGICAL TRENDS NOWADAYS IS THE CREATION OF SMART HOMES. AT AN INCREASING RATE, PEOPLE ARE TURNING THEIR HOMES INTO STATE-OF-THE-ART MACHINES, COMPLETE WITH MORE SWITCHES, SENSORS, AND ACTUATORS THAN YOU CAN SHAKE A STICK AT. WHETHER YOU WANT TO EQUIP YOUR HOME WITH MOTION DETECTORS FOR ADDED SECURITY, INSTALL COMPUTER-CONTROLLED LIGHTS FOR OPTIMUM CONVENIENCE, OR EVEN MOUNT AN IN-HOME WEB CAM OR TWO PURELY FOR ENTERTAINMENT, THE WORLD IS NOW YOUR OYSTER. AH, BUT LIKE ANYTHING HIGHLY TECHNICAL, CREATING A SMART HOME IS TYPICALLY EASIER SAID THAN DONE. THANKFULLY, SMART HOME HACKS TAKES THE GUESSWORK OUT OF THE PROCESS. THROUGH A SEEMINGLY UNENDING ARRAY OF VALUABLE TIPS, TOOLS, AND TECHNIQUES, SMART HOME HACKS EXPLAINS IN CLEAR DETAIL HOW TO USE MAC, WINDOWS, OR LINUX TO ACHIEVE THE AUTOMATED HOME OF YOUR DREAMS. IN NO TIME, YOU'LL LEARN HOW TO TURN A LOOSE COLLECTION OF SENSORS AND SWITCHES INTO A WELL-AUTOMATED AND WELL-FUNCTIONING HOME NO MATTER WHAT YOUR TECHNICAL LEVEL MAY BE. SMART HOME HACKS COVERS A LITANY OF STAND-ALONE AND INTEGRATED SMART HOME SOLUTIONS DESIGNED TO ENHANCE SAFETY, COMFORT, AND CONVENIENCE IN NEW AND EXISTING HOMES. KITCHENS, BEDROOMS, HOME OFFICES, LIVING ROOMS, AND EVEN BATHROOMS ARE ALL CANDIDATES FOR SMART AUTOMATION AND THEREFORE ARE ALL ADDRESSED IN SMART HOME HACKS. INTELLIGENTLY WRITTEN BY ENGINEERING GURU AND GEORGE JETSON WANNABE, GORDON MEYER, SMART HOME HACKS LEAVES NO STONE UNTURNED. FROM WHAT TO PURCHASE TO HOW TO USE YOUR REMOTE CONTROL, IT'S THE ULTIMATE GUIDE TO UNDERSTANDING AND IMPLEMENTING COMPLETE OR PARTIAL HOME AUTOMATION.

THE OFFICIAL RASPBERRY PI BEGINNER'S GUIDE - 2018-12-10

BIG BOOK OF APPLE HACKS - CHRIS SEIBOLD 2008

THE BIG BOOK OF APPLE HACKS OFFERS A GRAB BAG OF TIPS, TRICKS AND HACKS TO GET THE MOST OUT OF MAC OS X LEOPARD, AS WELL AS THE NEW LINE OF IPODS, IPHONE, AND APPLE TV. WITH 125 ENTIRELY NEW HACKS PRESENTED IN STEP-BY-STEP FASHION, THIS PRACTICAL BOOK IS FOR SERIOUS APPLE COMPUTER AND GADGET USERS WHO REALLY WANT TO TAKE CONTROL OF THESE SYSTEMS. MANY OF THE HACKS TAKE YOU UNDER THE HOOD AND SHOW YOU HOW TO TWEAK SYSTEM PREFERENCES, ALTER OR ADD KEYBOARD SHORTCUTS, MOUNT DRIVES AND DEVICES, AND GENERALLY DO THINGS WITH YOUR OPERATING SYSTEM AND GADGETS THAT APPLE DOESN'T EXPECT YOU TO DO. - PUBLISHER.

RASPBERRY PI PROJECTS - ANDREW ROBINSON 2014-01-10

LEARN TO BUILD SOFTWARE AND HARDWARE PROJECTS FEATURING THE RASPBERRY PI! CONGRATULATIONS ON BECOMING A PROUD OWNER OF A RASPBERRY PI! FOLLOWING PRIMERS ON GETTING YOUR PI UP AND RUNNING AND PROGRAMMING WITH PYTHON, THE AUTHORS WALK YOU THROUGH 16 FUN PROJECTS OF INCREASING SOPHISTICATION THAT LET YOU DEVELOP YOUR RASPBERRY PI SKILLS. AMONG OTHER THINGS YOU WILL: WRITE SIMPLE PROGRAMS, INCLUDING A TIC-TAC-TOE GAME RE-CREATE VINTAGE GAMES SIMILAR TO PONG AND PAC-MAN CONSTRUCT A NETWORKED ALARM SYSTEM WITH DOOR SENSORS AND WEBCAMS BUILD PI-CONTROLLED GADGETS INCLUDING A SLOT CAR RACETRACK AND A DOOR LOCK CREATE A REACTION TIMER AND AN ELECTRONIC HARMONOGRAPH CONSTRUCT A FACEBOOK-ENABLED ETCH A SKETCH-TYPE GADGET AND A TWITTERING TOY RASPBERRY PI PROJECTS IS AN EXCELLENT WAY TO DIG DEEPER INTO THE CAPABILITIES OF THE PI AND TO HAVE GREAT FUN WHILE DOING IT.

RASPBERRY PI USER GUIDE - EBEN UPTON 2016-08-29

LEARN THE RASPBERRY PI 3 FROM THE EXPERTS! RASPBERRY PI USER GUIDE, 4TH EDITION IS THE "UNOFFICIAL OFFICIAL" GUIDE TO EVERYTHING RASPBERRY PI 3. WRITTEN BY THE PI'S CREATOR AND A LEADING PI GURU, THIS BOOK GOES STRAIGHT TO THE SOURCE TO BRING YOU THE ULTIMATE RASPBERRY PI 3 MANUAL. THIS NEW FOURTH EDITION HAS BEEN UPDATED TO COVER THE RASPBERRY PI 3 BOARD AND SOFTWARE, WITH DETAILED DISCUSSION ON ITS WIDE ARRAY OF CONFIGURATIONS, LANGUAGES, AND APPLICATIONS. YOU'LL LEARN HOW TO TAKE FULL ADVANTAGE OF THE MIGHTY PI'S FULL CAPABILITIES, AND THEN EXPAND THOSE CAPABILITIES EVEN MORE WITH ADD-ON TECHNOLOGIES. YOU'LL WRITE PRODUCTIVITY AND MULTIMEDIA PROGRAMS, AND LEARN FLEXIBLE PROGRAMMING LANGUAGES THAT ALLOW YOU TO SHAPE YOUR RASPBERRY PI INTO WHATEVER YOU WANT IT TO BE. IF YOU'RE READY TO JUMP RIGHT IN, THIS BOOK GETS YOU STARTED WITH CLEAR, STEP-BY-STEP INSTRUCTION FROM SOFTWARE INSTALLATION TO SYSTEM CUSTOMIZATION. THE RASPBERRY PI'S TREMENDOUS POPULARITY HAS SPAWNED AN ENTIRE INDUSTRY OF ADD-ONS, PARTS, HACKS, IDEAS, AND INVENTIONS. THE MOVEMENT IS GROWING, AND PUSHING THE BOUNDARIES OF POSSIBILITY ALONG WITH IT--ARE YOU READY TO BE A PART OF IT? THIS BOOK IS YOUR IDEAL COMPANION FOR CLAIMING YOUR PIECE OF THE PI. GET ALL SET UP WITH SOFTWARE, AND CONNECT TO OTHER DEVICES UNDERSTAND LINUX SYSTEM ADMIN NOMENCLATURE AND CONVENTIONS WRITE YOUR OWN PROGRAMS USING PYTHON AND SCRATCH EXTEND THE PI'S CAPABILITIES WITH ADD-ONS LIKE WI-FI DONGLES, A TOUCH SCREEN, AND MORE THE CREDIT-CARD SIZED RASPBERRY PI HAS BECOME A GLOBAL PHENOMENON. CREATED BY THE RASPBERRY PI FOUNDATION TO GET KIDS INTERESTED IN PROGRAMMING, THIS TINY COMPUTER KICK-STARTED A MOVEMENT OF TINKERERS, THINKERS, EXPERIMENTERS, AND INVENTORS. WHERE

WILL YOUR RASPBERRY PI 3 TAKE YOU? THE RASPBERRY PI USER GUIDE, 3RD EDITION IS YOUR ULTIMATE ROADMAP TO DISCOVERY.

MIND PERFORMANCE HACKS - RON HALE-EVANS 2006-02-06

"TIPS & TOOLS FOR OVERCLOCKING YOUR BRAIN"--COVER.

HACKING ELECTRONICS: LEARNING ELECTRONICS WITH ARDUINO AND RASPBERRY PI, SECOND EDITION - SIMON MONK 2017-09-29

THIS HANDS-ON GUIDE WILL TEACH YOU ALL YOU NEED TO KNOW TO BRING YOUR ELECTRONIC INVENTIONS TO LIFE! THIS FULLY UPDATED GUIDE SHOWS, STEP-BY-STEP, HOW TO DISASSEMBLE, TWEAK, AND RE-PURPOSE EVERYDAY DEVICES FOR USE IN YOUR OWN ELECTRONICS CREATIONS. WRITTEN IN THE CLEAR, EASY-TO-FOLLOW STYLE THAT DR. SIMON MONK IS FAMOUS FOR, THIS EXPANDED EDITION INCLUDES COVERAGE OF BOTH ARDUINO AND RASPBERRY PI. HACKING ELECTRONICS: LEARNING ELECTRONICS WITH ARDUINO AND RASPBERRY PI, SECOND EDITION, DEMONSTRATES EACH TECHNIQUE THROUGH FUN DIY PROJECTS. PACKED WITH FULL-COLOR ILLUSTRATIONS, PHOTOS, AND DIAGRAMS, THE BOOK GETS YOU UP AND RUNNING ON YOUR OWN PROJECTS RIGHT AWAY. YOU WILL DISCOVER HOW TO HACK SENSORS, ACCELEROMETERS, REMOTE CONTROLLERS, ULTRASONIC RANGEFINDERS, MOTORS, STEREO EQUIPMENT, FM TRANSMITTERS, AND MORE. • CONTAINS START-TO-FINISH HACKS FOR BOTH ARDUINO AND RASPBERRY PI! • FEATURES NEW COVERAGE OF READY-MADE MODULES AVAILABLE ONLINE • OFFERS TIPS ON WORKING WITH SIMON'S HACKING ELECTRONICS KIT

RASPBERRY PI - THORIN KLOSOWSKI 2015-06-02

THE RASPBERRY PI IS AN INEXPENSIVE, SIMPLE COMPUTER THAT'S ABOUT THE SIZE OF A CREDIT CARD. AT FIRST GLANCE, IT LOOKS LIKE A SIMPLE CIRCUIT BOARD WITH A FEW INPUTS AND OUTPUTS, BUT THE RASPBERRY PI IS ACTUALLY A COMPUTER WITH MULTIPLE INPUTS AND OUTPUTS THAT MAKE IT THE FOUNDATION FOR AN ALMOST LIMITLESS NUMBER OF PROJECTS - FROM CREATING A WIRELESS INTERNET STREAMING RADIO, TO CREATING A WI-FI HOT SPOT, TO CREATING ELABORATE, PROGRAMMED LED LIGHT SHOWS - IT'S ALL BEEN DONE. THE REAL POWER OF THE RPI IS THAT IT'S SIMPLE, CHEAP, AND USERS CAN BUILD ALL KINDS OF USEFUL AND FUN PROJECTS USING A FEW SIMPLE TOOLS, SOME BASIC PROGRAMMING, AND A TON OF IMAGINATION. IDIOT'S GUIDES: RASPBERRY PI IS THE PERFECT BEGINNER BOOK FOR LEARNING HOW THE RASPBERRY PI WORKS, HOW TO PROGRAM IT, HOW TO CONNECT IT TO EXISTING DEVICES TO ENHANCE OR EVEN HACK THEIR EXISTING FUNCTIONALITY, AND HOW TO PUT TOGETHER SOME BASIC FIRST PROJECTS FROM SCRATCH. READERS WILL LEARN HOW TO DOWNLOAD AND USE THE RIGHT SOFTWARE FOR THE JOB, HOW TO PROGRAM USING SCRATCH (A BASIC LANGUAGE FOR PROGRAMMING LINUX), AND HOW TO COME UP WITH THEIR OWN CRAZY PROJECT IDEAS FOR CREATING VIRTUALLY ANYTHING THAT REQUIRES NOTHING MORE THAN PROCESSING POWER FROM A SIMPLE COMPUTER.

ACCESS HACKS - KEN BLUTTMAN 2005-04-17

AS PART OF THE MICROSOFT OFFICE SUITE, ACCESS HAS BECOME THE INDUSTRY'S LEADING DESKTOP DATABASE MANAGEMENT PROGRAM FOR ORGANIZING, ACCESSING, AND SHARING INFORMATION. BUT TAKING ADVANTAGE OF THIS PRODUCT TO BUILD INCREASINGLY COMPLEX ACCESS APPLICATIONS REQUIRES SOMETHING MORE THAN YOUR TYPICAL HOW-TO BOOK. WHAT IT CALLS FOR IS ACCESS HACKS FROM O'REILLY. THIS VALUABLE GUIDE PROVIDES DIRECT, HANDS-ON SOLUTIONS THAT CAN HELP RELIEVE THE FRUSTRATIONS FELT BY USERS STRUGGLING TO MASTER THE PROGRAM'S VARIOUS COMPLEXITIES. FOR EXPERIENCED USERS, ACCESS HACKS OFFERS A UNIQUE COLLECTION OF PROVEN TECHNIQUES AND TOOLS THAT ENABLE THEM TO TAKE THEIR DATABASE SKILLS AND PRODUCTIVITY TO THE NEXT LEVEL. FOR ACCESS BEGINNERS, IT HELPS THEM ACQUIRE A FIRM GRASP OF THE PROGRAM'S MOST PRODUCTIVE FEATURES. A SMART COLLECTION OF INSIDER TIPS AND TRICKS, ACCESS HACKS COVERS ALL OF THE PROGRAM'S FINER POINTS. AMONG THE MULTITUDE OF TOPICS ADDRESSED, IT SHOWS USERS HOW TO: WORK WITH ACCESS IN MULTI-USER ENVIRONMENTS UTILIZE SQL QUERIES WORK WITH EXTERNAL DATA AND PROGRAMS INTEGRATE ACCESS WITH THIRD-PARTY PRODUCTS JUST IMAGINE: A LEARNING PROCESS WITHOUT THE ANGST. WELL, ACCESS HACKS DELIVERS IT WITH EASE, THANKS TO THESE DOWN-AND-DIRTY TECHNIQUES NOT COLLECTED TOGETHER ANYWHERE ELSE. PART OF O'REILLY'S BEST-SELLING HACKS SERIES, ACCESS HACKS IS BASED ON AUTHOR KEN BLUTTMAN'S TWO DECADES OF REAL-WORLD EXPERIENCE IN DATABASE PROGRAMMING AND BUSINESS APPLICATION BUILDING. IT'S BECAUSE OF HIS VAST EXPERIENCES THAT THE BOOK IS ABLE TO OFFER SUCH A DEEP UNDERSTANDING OF THE PROGRAM'S EXPANDING POSSIBILITIES.

KINECT HACKS - JARED ST. JEAN 2012-11-03

CREATE YOUR OWN INNOVATIVE APPLICATIONS IN COMPUTER VISION, GAME DESIGN, MUSIC, ROBOTICS, AND OTHER AREAS BY TAKING FULL ADVANTAGE OF KINECT'S EXTENSIVE INTERACTIVE, MULTI-MEDIA PLATFORM. WITH THIS BOOK, YOU GET A STEP-BY-STEP WALKTHROUGH OF THE BEST TECHNIQUES AND TOOLS TO COME OUT OF THE OPENKINECT PROJECT, THE LARGEST AND MOST ACTIVE KINECT HACKING COMMUNITY. LEARN DOZENS OF HACKS FOR BUILDING INTERFACES THAT RESPOND TO BODY MOVEMENTS, GESTURES, AND VOICE, USING OPEN SOURCE TOOLKITS SUCH AS OPENFRAMEWORKS, THE PROCESSING IDE, AND OPENKINECT DRIVER LIBRARY. WHETHER YOU'RE AN ARTIST, DESIGNER, RESEARCHER, OR HOBBYIST, THIS BOOK WILL GIVE YOU A RUNNING START WITH KINECT. SET UP A DEVELOPMENT ENVIRONMENT IN WINDOWS 7, MAC OSX, OR UBUNTU BUILD SPECIAL EFFECTS APPS WITH TOOLS SUCH AS SYNAPSE AND CINDER CREATE GESTURAL INTERFACES TO INTEGRATE AND CONTROL DIGITAL MUSIC COMPONENTS CAPTURE THE REALISTIC MOTIONS OF A 3D MODEL WITH NI MATE, BLENDER, AND ANIMATA DESIGN GESTURE-BASED GAMES WITH THE ZIGFU SDK RECREATE THE DIMENSIONS OF ANY ROOM IN REALTIME, USING RGBDEMO USE GESTURES TO NAVIGATE ROBOTS AND CONTROL PC INTERFACES

HTML5 HACKS - JESSE CRAVENS 2012-11-15

WITH 90 DETAILED HACKS, EXPERT WEB DEVELOPERS JESSE CRAVENS AND JEFF BURTOFT DEMONSTRATE INTRIGUING USES OF HTML5-RELATED TECHNOLOGIES. EACH RECIPE PROVIDES A CLEAR EXPLANATION, SCREENSHOTS, AND COMPLETE CODE EXAMPLES FOR SPECIFICATIONS THAT INCLUDE CANVAS, SVG, CSS3, MULTIMEDIA, DATA STORAGE, WEB WORKERS, WEBSOCKETS, AND GEOLOCATION. YOU'LL ALSO FIND HACKS FOR HTML5 MARKUP ELEMENTS AND ATTRIBUTES THAT WILL GIVE YOU A SOLID FOUNDATION FOR CREATIVE RECIPES THAT FOLLOW. THE LAST CHAPTER WALKS YOU THROUGH EVERYTHING YOU NEED TO KNOW TO GET YOUR HTML5 APP OFF THE GROUND, FROM NODEJS TO DEPLOYING YOUR SERVER TO THE CLOUD. HERE ARE JUST A FEW OF THE HACKS YOU'LL FIND IN THIS BOOK: MAKE IOS-STYLE CARD FLIPS WITH CSS TRANSFORMS AND TRANSITIONS REPLACE THE BACKGROUND OF YOUR VIDEO WITH THE CANVAS TAG USE CANVAS TO CREATE HIGH-RES

RETINA DISPLAY-READY MEDIA MAKE ELEMENTS ON YOUR PAGE USER-CUSTOMIZABLE WITH EDITABLE CONTENT CACHE MEDIA RESOURCES LOCALLY WITH THE FILESYSTEM API REVERSE-GEocode THE LOCATION OF YOUR WEB APP USER PROCESS IMAGE DATA WITH PIXEL MANIPULATION IN A DEDICATED WEB WORKER PUSH NOTIFICATIONS TO THE BROWSER WITH SERVER-SENT EVENTS

MAKE: BLUETOOTH - ALASDAIR ALLAN 2015-12-02

THIS BOOK IS WHERE YOUR ADVENTURES WITH BLUETOOTH LE BEGIN. YOU'LL START YOUR JOURNEY BY GETTING FAMILIAR WITH YOUR HARDWARE OPTIONS: ARDUINO, BLE MODULES, COMPUTERS (INCLUDING RASPBERRY PI!), AND MOBILE PHONES. FROM THERE, YOU'LL WRITE CODE AND WIRE CIRCUITS TO CONNECT OFF-THE-SHELF SENSORS, AND EVEN GO ALL THE WAY TO WRITING YOUR OWN BLUETOOTH SERVICES. ALONG THE WAY YOU'LL LOOK AT LIGHTBULBS, LOCKS, AND APPLE'S IBEACON TECHNOLOGY, AS WELL AS GET AN UNDERSTANDING OF BLUETOOTH SECURITY-- BOTH HOW TO BEAT OTHER PEOPLE'S SECURITY, AND HOW TO MAKE YOUR HARDWARE SECURE.

UBUNTU HACKS - JONATHAN OXER 2006-06-14

UBUNTU LINUX--THE MOST POPULAR LINUX DISTRIBUTION ON THE PLANET--PRESERVES THE SPIRIT EMBODIED IN THE ANCIENT AFRICAN WORD UBUNTU, WHICH MEANS BOTH "HUMANITY TO OTHERS" AND "I AM WHAT I AM BECAUSE OF WHO WE ALL ARE." UBUNTU WON THE LINUX JOURNAL READER'S CHOICE AWARD FOR BEST LINUX DISTRIBUTION AND IS CONSISTENTLY THE TOP-RANKED LINUX VARIANT ON DISTROWATCH.COM. THE REASON THIS DISTRIBUTION IS SO WIDELY POPULAR IS THAT UBUNTU IS DESIGNED TO BE USEFUL, USABLE, CUSTOMIZABLE, AND ALWAYS AVAILABLE FOR FREE WORLDWIDE. UBUNTU HACKS IS YOUR ONE-STOP SOURCE FOR ALL OF THE COMMUNITY KNOWLEDGE YOU NEED TO GET THE MOST OUT OF UBUNTU: A COLLECTION OF 100 TIPS AND TOOLS TO HELP NEW AND EXPERIENCED LINUX USERS INSTALL, CONFIGURE, AND CUSTOMIZE UBUNTU. WITH THIS SET OF HACKS, YOU CAN GET UBUNTU LINUX WORKING EXACTLY THE WAY YOU NEED IT TO. LEARN HOW TO: INSTALL AND TEST-DRIVE UBUNTU LINUX. KEEP YOUR SYSTEM RUNNING SMOOTHLY TURN UBUNTU INTO A MULTIMEDIA POWERHOUSE: RIP AND BURN DISCS, WATCH VIDEOS, LISTEN TO MUSIC, AND MORE TAKE UBUNTU ON THE ROAD WITH WI-FI WIRELESS NETWORKING, BLUETOOTH, ETC. HOOK UP MULTIPLE DISPLAYS AND ENABLE YOUR VIDEO CARD'S 3-D ACCELERATION RUN UBUNTU WITH VIRTUALIZATION TECHNOLOGY SUCH AS XEN AND VMWARE TIGHTEN YOUR SYSTEM'S SECURITY SET UP AN UBUNTU-POWERED SERVER UBUNTU HACKS WILL NOT ONLY SHOW YOU HOW TO GET EVERYTHING WORKING JUST RIGHT, YOU WILL ALSO HAVE A GREAT TIME DOING IT AS YOU EXPLORE THE POWERFUL FEATURES LURKING WITHIN UBUNTU. "PUT IN A NUTSHELL, THIS BOOK IS A COLLECTION OF AROUND 100 TIPS AND TRICKS WHICH THE AUTHORS CHOOSE TO CALL HACKS, WHICH EXPLAIN HOW TO ACCOMPLISH VARIOUS TASKS IN UBUNTU LINUX. THE SO CALLED HACKS RANGE FROM DOWN RIGHT ORDINARY TO THE OTHER END OF THE SPECTRUM OF DOING SPECIALISED THINGS...MORE OVER, EACH AND EVERY TIP IN THIS BOOK HAS BEEN TESTED BY THE AUTHORS ON THE LATEST VERSION OF UBUNTU (DAPPER DRAKE) AND IS GUARANTEED TO WORK. IN WRITING THIS BOOK, IT IS CLEAR THAT THE AUTHORS HAVE PUT IN A LOT OF HARD WORK IN COVERING ALL FACETS OF CONFIGURING THIS POPULAR LINUX DISTRIBUTION WHICH MAKES THIS BOOK A WORTH WHILE BUY." -- RAVI KUMAR, SLASHDOT.ORG

AMAZON HACKS - PAUL BAUSCH 2003

PRESENTS A COLLECTION OF TIPS AND TECHNIQUES FOR GETTING THE MOST OUT OF AMAZON.COM, COVERING SUCH TOPICS AS BROWSING AND SEARCHING, COMMUNITY FEATURES, SELLING THROUGH AMAZON, AND AMAZON WEB SERVICES.

EXCEL HACKS - DAVID HAWLEY 2004-03-24

IF YOU THINK THAT GETTING CREATIVE WITH EXCEL MEANS THE UNDERHANDED TWEAKING OF NUMBERS, THINK AGAIN. EXCEL HACKS SHOWS EVEN THE MOST EXPERIENCED USERS HOW TO DO THINGS WITH EXCEL THEY MIGHT NEVER HAVE THOUGHT OF DOING--AND LETS THEM HAVE A LITTLE FUN WHILE THEY'RE AT IT. MICROSOFT EXCEL IS NOT JUST THE DOMINANT SPREADSHEET IN THE WORLD; IT'S ALSO ONE OF THE MOST POPULAR APPLICATIONS EVER CREATED. ITS SUCCESS LIES NOT ONLY IN ITS POWER AND FLEXIBILITY, BUT ALSO IN ITS STREAMLINED, FAMILIAR INTERFACE THAT CASUALLY CONCEALS ITS CONSIDERABLE CAPABILITIES. YOU DON'T NEED TO KNOW EVERYTHING THAT EXCEL CAN DO IN ORDER TO USE IT EFFECTIVELY, BUT IF YOU'RE LIKE THE MILLIONS OF EXCEL POWER USERS LOOKING TO IMPROVE PRODUCTIVITY, THEN EXCEL HACKS WILL SHOW YOU A WIDE VARIETY OF EXCEL TASKS YOU CAN PUT TO USE, MOST OF WHICH ARE OFF THE BEATEN PATH. WITH THIS BOOK, EXCEL POWER USERS CAN BRING A HACKER'S CREATIVE APPROACH TO BOTH COMMON AND UNCOMMON EXCEL TOPICS--"HACKERS" IN THIS SENSE BEING THOSE WHO LIKE TO TINKER WITH TECHNOLOGY TO IMPROVE IT. THE "100 INDUSTRIAL STRENGTH TIPS AND TOOLS" IN EXCEL HACKS INCLUDE LITTLE KNOWN "BACKDOOR" ADJUSTMENTS FOR EVERYTHING FROM REDUCING WORKBOOK AND WORKSHEET FRUSTRATION TO HACKING BUILT-IN FEATURES SUCH AS PIVOT TABLES, CHARTS, FORMULAS AND FUNCTIONS, AND EVEN THE MACRO LANGUAGE. THIS RESOURCEFUL ROLL-UP-YOUR-SLEEVES GUIDE IS FOR INTERMEDIATE TO ADVANCED EXCEL USERS EAGER TO EXPLORE NEW WAYS TO MAKE EXCEL DO THINGS--FROM DATA ANALYSIS TO WORKSHEET MANAGEMENT TO IMPORT/EXPORT--THAT YOU NEVER THOUGHT POSSIBLE. EXCEL HACKS WILL HELP YOU INCREASE PRODUCTIVITY WITH EXCEL AND GIVE YOU HOURS OF "HACKING" ENJOYMENT ALONG THE WAY.

RASPBERRY PI 3 IN EASY STEPS - MIKE MCGRATH 2016-05-27

THE RASPBERRY PI IS AN INEXPENSIVE PROGRAMMABLE CREDIT-CARD SIZED COMPUTER THAT PLUGS INTO YOUR TV AND A KEYBOARD. IT CAN BE USED FOR MANY OF THE THINGS THAT YOUR PC DOES, LIKE SPREADSHEETS, WORD-PROCESSING AND PLAYING GAMES, BUT ITS REAL PURPOSE IS TO INSPIRE CHILDREN (AND ADULTS) TO LEARN HOW TO PROGRAM. OVER FIVE MILLION RASPBERRY PIS HAVE BEEN SOLD WORLDWIDE, SO FAR! RASPBERRY PI 3 IN EASY STEPS STARTS WITH THE BASIC COMPONENTS YOU'LL NEED, SETTING UP THE SYSTEM AND LOGGING INTO THE CONSOLE. THEN, IN EASY STEPS, IT INTRODUCES YOU TO THE RASPBIAN OPERATING SYSTEM THAT IS OPTIMIZED FOR THE RASPBERRY PI. YOU'LL LEARN HOW TO CUSTOMIZE THE LOOK AND FEEL OF YOUR SYSTEM, HOW TO NAVIGATE THE FILE SYSTEM, AND HOW TO USE THE POWERFUL SYSTEM 'SHELL' TO MAKE THINGS HAPPEN FOR YOU. THE NEW GPIO INTERFACE IS FULLY DESCRIBED, AND THE NEW NOOBS INSTALLER IS ALSO DESCRIBED FOR SETUP. RASPBERRY PI 3 IN EASY STEPS ENABLES COMPLETE BEGINNERS TO CREATE THEIR VERY OWN COMPUTER PROGRAMS WITH THE SCRATCH VISUAL PROGRAMMING ENVIRONMENT. IT ALSO INSTRUCTS PROGRAMMING IN THE HIGH-LEVEL (HUMAN-READABLE) PYTHON PROGRAMMING LANGUAGE, WHICH IS PROCESSED BY THE PYTHON 'INTERPRETER' TO PRODUCE RESULTS FAST. EXAMPLES DEMONSTRATE HOW TO USE THE INCLUDED PYTHON 'PYGAME'

MODULE, TO MAKE YOUR OWN GAMES, AND HOW TO USE THE INCLUDED 'TKINTER' MODULE TO CREATE GRAPHICAL WINDOWED APPS. RASPBERRY PI 3 IN EASY STEPS ALSO ILLUSTRATES HOW TO CONTROL ELECTRICAL INPUT AND OUTPUT ON THE RASPBERRY PI HEADER FROM PYTHON SCRIPTS, INCLUDING LIGHTING A LAMP, ADDING MORE BUTTONS AND CONTROLLING PROJECTS. WITH THE KNOWLEDGE GAINED FROM THIS BOOK THE READER CAN CONFIDENTLY ADVANCE TO ANY FUTURE ELECTRONIC RASPBERRY PI PROJECT OR OTHER EXPLORE OTHER PROGRAMMING ENVIRONMENTS. COVERS THE LATEST VERSIONS OF PYTHON.

INTERNET OF THINGS A TO Z - QUSAY F. HASSAN 2018-05-09

A COMPREHENSIVE OVERVIEW OF THE INTERNET OF THINGS' CORE CONCEPTS, TECHNOLOGIES, AND APPLICATIONS INTERNET OF THINGS A TO Z OFFERS A HOLISTIC APPROACH TO THE INTERNET OF THINGS (IoT) MODEL. THE INTERNET OF THINGS REFERS TO UNIQUELY IDENTIFIABLE OBJECTS AND THEIR VIRTUAL REPRESENTATIONS IN AN INTERNET-LIKE STRUCTURE. RECENTLY, THERE HAS BEEN A RAPID GROWTH IN RESEARCH ON IoT COMMUNICATIONS AND NETWORKS, THAT CONFIRMS THE SCALABILITY AND BROAD REACH OF THE CORE CONCEPTS. WITH CONTRIBUTIONS FROM A PANEL OF INTERNATIONAL EXPERTS, THE TEXT OFFERS INSIGHT INTO THE IDEAS, TECHNOLOGIES, AND APPLICATIONS OF THIS SUBJECT. THE AUTHORS DISCUSS RECENT DEVELOPMENTS IN THE FIELD AND THE MOST CURRENT AND EMERGING TRENDS IN IoT. IN ADDITION, THE TEXT IS FILLED WITH EXAMPLES OF INNOVATIVE APPLICATIONS AND REAL-WORLD CASE STUDIES. INTERNET OF THINGS A TO Z FILLS THE NEED FOR AN UP-TO-DATE VOLUME ON THE TOPIC. THIS IMPORTANT BOOK: COVERS IN GREAT DETAIL THE CORE CONCEPTS, ENABLING TECHNOLOGIES, AND IMPLICATIONS OF THE INTERNET OF THINGS ADDRESSES THE BUSINESS, SOCIAL, AND LEGAL ASPECTS OF THE INTERNET OF THINGS EXPLORES THE CRITICAL TOPIC OF SECURITY AND PRIVACY CHALLENGES FOR BOTH INDIVIDUALS AND ORGANIZATIONS INCLUDES A DISCUSSION OF ADVANCED TOPICS SUCH AS THE NEED FOR STANDARDS AND INTEROPERABILITY CONTAINS CONTRIBUTIONS FROM AN INTERNATIONAL GROUP OF EXPERTS IN ACADEMIA, INDUSTRY, AND RESEARCH WRITTEN FOR ICT RESEARCHERS, INDUSTRY PROFESSIONALS, AND LIFETIME IT LEARNERS AS WELL AS ACADEMICS AND STUDENTS, INTERNET OF THINGS A TO Z PROVIDES A MUCH-NEEDED AND COMPREHENSIVE RESOURCE TO THIS BURGEONING FIELD.

RASPBERRY PI HACKS - RUTH SUEHLE 2013-12-09

WITH MORE THAN 60 PRACTICAL AND CREATIVE HACKS, THIS BOOK HELPS YOU TURN RASPBERRY PI INTO THE CENTERPIECE OF SOME COOL ELECTRONICS PROJECTS. WANT TO CREATE A CONTROLLER FOR A CAMERA OR A ROBOT? SET UP LINUX DISTRIBUTIONS FOR MEDIA CENTERS OR PBX PHONE SYSTEMS? THAT'S JUST THE BEGINNING OF WHAT YOU'LL FIND INSIDE RASPBERRY PI HACKS. IF YOU'RE LOOKING TO BUILD EITHER A SOFTWARE OR HARDWARE PROJECT WITH MORE COMPUTING POWER THAN ARDUINO ALONE CAN PROVIDE, RASPBERRY PI IS JUST THE TICKET. AND THE HACKS IN THIS BOOK WILL GIVE YOU LOTS OF GREAT IDEAS. USE CONFIGURATION HACKS TO GET MORE OUT OF YOUR PI BUILD YOUR OWN WEB SERVER OR REMOTE PRINT SERVER TAKE THE PI OUTDOORS TO MONITOR YOUR GARDEN OR CONTROL HOLIDAY LIGHTS CONNECT WITH SETI OR CONSTRUCT AN AWESOME HALLOWEEN COSTUME HACK THE PI'S LINUX OS TO SUPPORT MORE COMPLEX PROJECTS DECODE AUDIO/VIDEO FORMATS OR MAKE YOUR OWN MUSIC PLAYER ACHIEVE A LOW-WEIGHT PAYLOAD FOR AERIAL PHOTOGRAPHY BUILD A PI COMPUTER CLUSTER OR A SOLAR-POWERED LAB

MAPPING HACKS - SCHUYLER ERLE 2005-06-09

SINCE THE DAWN OF CREATION, MAN HAS DESIGNED MAPS TO HELP IDENTIFY THE SPACE THAT WE OCCUPY. FROM LEWIS AND CLARK'S PENCIL-SKETCHED MAPS OF MOUNTAIN TRAILS TO JACQUES COUSTEAU'S SOPHISTICATED CHARTS OF THE OCEAN FLOOR, CREATING MAPS OF THE UTMOST PRECISION HAS BEEN A CONSTANT PURSUIT. SO WHY SHOULD THINGS CHANGE NOW? WELL, THEY SHOULDN'T. THE REALITY IS THAT MAP CREATION, OR "CARTOGRAPHY," HAS ONLY IMPROVED IN ITS EASE-OF-USE OVER TIME. IN FACT, WITH THE RECENT EXPLOSION OF INEXPENSIVE COMPUTING AND THE GROWING AVAILABILITY OF PUBLIC MAPPING DATA, MAPMAKING TODAY EXTENDS ALL THE WAY TO THE ORDINARY PC USER. MAPPING HACKS, THE LATEST PAGE-TURNER FROM O'REILLY PRESS, TACKLES THIS NOTION HEAD ON. IT'S A COLLECTION OF ONE HUNDRED SIMPLE--AND MOSTLY FREE--TECHNIQUES AVAILABLE TO DEVELOPERS AND POWER USERS WHO WANT DRAW DIGITAL MAPS OR OTHERWISE VISUALIZE GEOGRAPHIC DATA. AUTHORS SCHUYLER ERLE, RICH GIBSON, AND JO WALSH DO MORE THAN JUST ILLUMINATE THE BASIC CONCEPTS OF LOCATION AND CARTOGRAPHY, THEY WALK YOU THROUGH THE PROCESS ONE STEP AT A TIME. MAPPING HACKS SHOWS YOU WHERE TO FIND THE BEST SOURCES OF GEOGRAPHIC DATA, AND THEN HOW TO INTEGRATE THAT DATA INTO YOUR OWN MAP. BUT THAT'S JUST AN APPETIZER. THIS COMPREHENSIVE RESOURCE ALSO SHOWS YOU HOW TO INTERPRET AND MANIPULATE UNWIELDY CARTOGRAPHY DATA, AS WELL AS HOW TO INCORPORATE PERSONAL PHOTO GALLERIES INTO YOUR MAPS. IT EVEN PROVIDES PRACTICAL USES FOR GPS (GLOBAL POSITIONING SYSTEM) DEVICES--THOSE TOUCH-OF-A-BUTTON STREET MAPS INTEGRATED INTO CARS AND MOBILE PHONES. JUST IMAGINE: IF CAPTAIN KIDD HAD THIS TECHNOLOGY, WE'D ALL KNOW WHERE TO FIND HIS BURIED TREASURE! WITH ALL OF THESE INDUSTRIAL-STRENGTH TIPS AND TOOLS, MAPPING HACKS EFFECTIVELY TAKES THE STING OUT OF THE DIGITAL MAPMAKING AND NAVIGATIONAL PROCESS. NOW YOU CAN CREATE YOUR OWN MAPS FOR BUSINESS, PLEASURE, OR ENTERTAINMENT--WITHOUT EVER HAVING TO SHARPEN A SINGLE PENCIL.

AJAX HACKS - BRUCE W. PERRY 2006-03-21

AJAX, THE POPULAR TERM FOR ASYNCHRONOUS JAVASCRIPT AND XML, IS ONE OF THE MOST IMPORTANT COMBINATIONS OF TECHNOLOGIES FOR WEB DEVELOPERS TO KNOW THESE DAYS. WITH ITS RICH GROUPING OF TECHNOLOGIES, AJAX DEVELOPERS CAN CREATE INTERACTIVE WEB APPLICATIONS WITH XML-BASED WEB SERVICES, USING JAVASCRIPT IN THE BROWSER TO PROCESS THE WEB SERVER RESPONSE. TAKING COMPLETE ADVANTAGE OF AJAX, HOWEVER, REQUIRES SOMETHING MORE THAN YOUR TYPICAL "HOW-TO" BOOK. WHAT IT CALLS FOR IS AJAX HACKS FROM O'REILLY. THIS VALUABLE GUIDE PROVIDES DIRECT, HANDS-ON SOLUTIONS THAT TAKE THE MYSTERY OUT OF AJAX'S MANY CAPABILITIES. EACH HACK REPRESENTS A CLEVER WAY TO ACCOMPLISH A SPECIFIC TASK, SAVING YOU COUNTLESS HOURS OF SEARCHING FOR THE RIGHT ANSWER. A SMART COLLECTION OF 80 INSIDER TIPS AND TRICKS, AJAX HACKS COVERS ALL OF THE TECHNOLOGY'S FINER POINTS. WANT TO BUILD NEXT-GENERATION WEB APPLICATIONS TODAY? THIS BOOK CAN SHOW YOU HOW. AMONG THE MULTITUDE OF TOPICS ADDRESSED, IT SHOWS YOU TECHNIQUES FOR: USING AJAX WITH GOOGLE MAPS AND YAHOO MAPS DISPLAYING WEATHER.COM DATA SCRAPING STOCK QUOTES FETCHING POSTAL CODES BUILDING WEB FORMS WITH AUTO-COMPLETE FUNCTIONALITY AJAX HACKS ALSO FEATURES A NUMBER OF ADVANCED HACKS

FOR ACCELERATED WEB DEVELOPERS. DISCOVER HOW TO CREATE HUGE, MAINTAINABLE BOOKMARKLETS, HOW TO USE CLIENT-SIDE STORAGE FOR AJAX APPLICATIONS, AND HOW TO CALL A BUILT-IN JAVASCRIPT OBJECT FROM JAVASCRIPT USING AJAX. THE BOOK EVEN ADDRESSES BEST PRACTICES FOR TESTING AJAX APPLICATIONS AND IMPROVING MAINTENANCE, PERFORMANCE, AND RELIABILITY FOR JAVASCRIPT CODE. THE LATEST IN O'REILLY'S CELEBRATED HACKS SERIES, AJAX HACKS SMARTLY COMPLEMENTS OTHER O'REILLY TITLES SUCH AS HEAD RUSH AJAX AND JAVASCRIPT: THE DEFINITIVE GUIDE.

RASPBERRY PI COOKBOOK - SIMON MONK 2013-12-10

THE WORLD OF RASPBERRY PI IS EVOLVING QUICKLY, WITH MANY NEW INTERFACE BOARDS AND SOFTWARE LIBRARIES BECOMING AVAILABLE ALL THE TIME. IN THIS COOKBOOK, PROLIFIC HACKER AND AUTHOR SIMON MONK PROVIDES MORE THAN 200 PRACTICAL RECIPES FOR RUNNING THIS TINY LOW-COST COMPUTER WITH LINUX, PROGRAMMING IT WITH PYTHON, AND HOOKING UP SENSORS, MOTORS, AND OTHER HARDWARE--INCLUDING ARDUINO. MAKE SURE TO CHECK OUT 10 OF THE OVER 60 VIDEO RECIPES FOR THIS BOOK AT:

[HTTP://RAZZPISAMPLER.OREILLY.COM/](http://razzpisampler.oreilly.com/) YOU CAN PURCHASE ALL RECIPES AT:

ANDROID HACKER'S HANDBOOK - JOSHUA J. DRAKE 2014-03-26

THE FIRST COMPREHENSIVE GUIDE TO DISCOVERING AND PREVENTING ATTACKS ON THE ANDROID OS AS THE ANDROID OPERATING SYSTEM CONTINUES TO INCREASE ITS SHARE OF THE SMARTPHONE MARKET, SMARTPHONE HACKING REMAINS A GROWING THREAT. WRITTEN BY EXPERTS WHO RANK AMONG THE WORLD'S FOREMOST ANDROID SECURITY RESEARCHERS, THIS BOOK PRESENTS VULNERABILITY DISCOVERY, ANALYSIS, AND EXPLOITATION TOOLS FOR THE GOOD GUYS. FOLLOWING A DETAILED EXPLANATION OF HOW THE ANDROID OS WORKS AND ITS OVERALL SECURITY ARCHITECTURE, THE AUTHORS EXAMINE HOW VULNERABILITIES CAN BE DISCOVERED AND EXPLOITS DEVELOPED FOR VARIOUS SYSTEM COMPONENTS, PREPARING YOU TO DEFEND AGAINST THEM. IF YOU ARE A MOBILE DEVICE ADMINISTRATOR, SECURITY RESEARCHER, ANDROID APP DEVELOPER, OR CONSULTANT RESPONSIBLE FOR EVALUATING ANDROID SECURITY, YOU WILL FIND THIS GUIDE IS ESSENTIAL TO YOUR TOOLBOX. A CRACK TEAM OF LEADING ANDROID SECURITY RESEARCHERS EXPLAIN ANDROID SECURITY RISKS, SECURITY DESIGN AND ARCHITECTURE, ROOTING, FUZZ TESTING, AND VULNERABILITY ANALYSIS COVERS ANDROID APPLICATION BUILDING BLOCKS AND SECURITY AS WELL AS DEBUGGING AND AUDITING ANDROID APPS PREPARES MOBILE DEVICE ADMINISTRATORS, SECURITY RESEARCHERS, ANDROID APP DEVELOPERS, AND SECURITY CONSULTANTS TO DEFEND ANDROID SYSTEMS AGAINST ATTACK ANDROID HACKER'S HANDBOOK IS THE FIRST COMPREHENSIVE RESOURCE FOR IT PROFESSIONALS CHARGED WITH SMARTPHONE SECURITY.

VISUAL STUDIO HACKS - JAMES AVERY 2005-03-23

"TIPS AND TOOLS FOR TURBOCHARGING THE IDE"--COVER.

FLICKR HACKS - PAUL BAUSCH 2006-02-21

PROVIDES INFORMATION ON GETTING THE MOST OUT OF THE DIGITAL PHOTOGRAPHY MANAGEMENT COMMUNITY.

SQL HACKS - ANDREW CUMMING 2006-11-21

WHETHER YOU'RE RUNNING ACCESS, MYSQL, SQL SERVER, ORACLE, OR POSTGRESQL, THIS BOOK WILL HELP YOU PUSH THE LIMITS OF TRADITIONAL SQL TO SQUEEZE DATA EFFECTIVELY FROM YOUR DATABASE. THE BOOK OFFERS 100 HACKS -- UNIQUE TIPS AND TOOLS -- THAT BRING YOU THE KNOWLEDGE OF EXPERTS WHO APPLY WHAT THEY KNOW IN THE REAL WORLD TO HELP YOU TAKE FULL ADVANTAGE OF THE EXPRESSIVE POWER OF SQL. YOU'LL FIND PRACTICAL TECHNIQUES TO ADDRESS COMPLEX DATA MANIPULATION PROBLEMS. LEARN HOW TO: WRANGLE DATA IN THE MOST EFFICIENT WAY POSSIBLE AGGREGATE AND ORGANIZE YOUR DATA FOR MEANINGFUL AND ACCURATE REPORTING MAKE THE MOST OF SUBQUERIES, JOINS, AND UNIONS STAY ON TOP OF THE PERFORMANCE OF YOUR QUERIES AND THE SERVER THAT RUNS THEM AVOID COMMON SQL SECURITY PITFALLS, INCLUDING THE DREADED SQL INJECTION ATTACK LET SQL HACKS SERVE AS YOUR TOOLBOX FOR DIGGING UP AND MANIPULATING DATA. IF YOU LOVE TO TINKER AND OPTIMIZE, SQL IS THE PERFECT TECHNOLOGY AND SQL HACKS IS THE MUST-HAVE BOOK FOR YOU.

DIGITAL VIDEO HACKS - JOSHUA PAUL 2005-05-27

SINCE THE DAWN OF FILM, NOVICES AND EXPERTS HAVE USED QUICK-AND-DIRTY WORKAROUNDS AND AUDIOVISUAL TRICKS TO IMPROVE THEIR MOTION PICTURES, FROM HOME MOVIES TO FEATURE FILMS. TODAY, THE TOOLS HAVE CERTAINLY CHANGED, AS HAVE THE QUALITY AND SCOPE OF THE RESULTS. WITH DIGITAL VIDEO, THE HACKING POSSIBILITIES ARE NOW LIMITLESS, FOR BOTH AMATEURS AND PROFESSIONAL ARTISTS. FROM ACQUIRING FOOTAGE, MIXING, EDITING, AND ADDING EFFECTS TO FINAL DISTRIBUTION, DIGITAL VIDEO HACKS PROVIDES UNIQUE TIPS, TOOLS, AND TECHNIQUES FOR EVERY STAGE OF VIDEO PRODUCTION. YOU'LL LEARN HOW TO: GET YOUR PROJECTS STARTED RIGHT USING CREATIVE PREPARATION TOOLS AND TECHNIQUES, FROM MAKING YOUR OWN STEADICAM, BOOM, OR DOLLY TO EFFECTIVE STORYBOARDING, TIMECODING, AND TAPE LABELING TROUBLESHOOT COMMON SHOOTING PROBLEMS, INCLUDING USING STOP-MOTION AND TIME-LAPSE TECHNIQUES, LIGHTING EFFECTS, COLORED SCREENS AND GELS, AND HOUSEHOLD OBJECTS TO ESTABLISH MOOD OR OTHERWISE WOW AN AUDIENCE CREATE STUNNING VISUAL EFFECTS, SUCH AS SATELLITE ZOOMING, SURREAL SCENES, MATRIX-LIKE BULLET-TIME, AND GREEN SCREEN ILLUSIONS FOOL YOUR AUDIENCE WITH AUDIO TRICKS, REPLACING FLUBBED DIALOGUE, SMOOTHING OVER CUTS, AND COVERING MISSING AUDIO WITH ROOM TONE ADD PROFESSIONAL FEATURES WITH POST-PRODUCTION TRICKS, INCLUDING COLOR CORRECTION, SOUNDTRACK CLEANUP, OPENING SEQUENCES, AND DVD BOOKMARKS DISTRIBUTE FINAL CONTENT IN A VARIETY OF CREATIVE WAYS, FROM EXPORTING TO BASIC VIDEOTAPE OR DVD TO STREAMING OVER THE INTERNET OR EVEN VIA CELL PHONE USE THE WEB TO PROVIDE INTERACTIVITY AND DYNAMIC CONTENT, ATTEND A REMOTE CONFERENCE, OR VLOG YOUR LIFE. WHETHER YOU'RE LOOKING FOR A NEW TECHNIQUE TO INCLUDE IN YOUR NEXT PROJECT, A SOLUTION TO A COMMON PROBLEM, OR JUST A LITTLE INSPIRATION, THIS BOOK REINTRODUCES YOU TO THE DIGITAL VIDEO YOU ONLY THOUGHT YOU KNEW.

EXPLORING RASPBERRY PI - DEREK MOLLOY 2016-06-09

EXPAND RASPBERRY PI CAPABILITIES WITH FUNDAMENTAL ENGINEERING PRINCIPLES EXPLORING RASPBERRY PI IS THE INNOVATORS GUIDE TO BRINGING RASPBERRY PI TO LIFE. THIS BOOK FAVORS ENGINEERING PRINCIPLES OVER A 'RECIPE' APPROACH TO GIVE YOU THE SKILLS YOU NEED TO DESIGN AND BUILD YOUR OWN PROJECTS. YOU'LL UNDERSTAND THE FUNDAMENTAL PRINCIPLES IN A WAY THAT TRANSFERS TO ANY TYPE OF ELECTRONICS, ELECTRONIC MODULES, OR EXTERNAL PERIPHERALS, USING A "LEARNING BY DOING" APPROACH THAT CATERES TO BOTH BEGINNERS AND EXPERTS. THE BOOK BEGINS WITH BASIC LINUX AND

PROGRAMMING SKILLS, AND HELPS YOU STOCK YOUR INVENTORY WITH COMMON PARTS AND SUPPLIES. NEXT, YOU'LL LEARN HOW TO MAKE PARTS WORK TOGETHER TO ACHIEVE THE GOALS OF YOUR PROJECT, NO MATTER WHAT TYPE OF COMPONENTS YOU USE. THE COMPANION WEBSITE PROVIDES A FULL REPOSITORY THAT STRUCTURES ALL OF THE CODE AND SCRIPTS, ALONG WITH LINKS TO VIDEO TUTORIALS AND SUPPLEMENTARY CONTENT THAT TAKES YOU DEEPER INTO YOUR PROJECT. THE RASPBERRY PI'S MOST FAMOUS FEATURE IS ITS ADAPTABILITY. IT CAN BE USED FOR THOUSANDS OF ELECTRONIC APPLICATIONS, AND USING THE LINUX OS EXPANDS THE FUNCTIONALITY EVEN MORE. THIS BOOK HELPS YOU GET THE MOST FROM YOUR RASPBERRY PI, BUT IT ALSO GIVES YOU THE FUNDAMENTAL ENGINEERING SKILLS YOU NEED TO INCORPORATE ANY ELECTRONICS INTO ANY PROJECT. DEVELOP THE LINUX AND PROGRAMMING SKILLS YOU NEED TO BUILD BASIC APPLICATIONS BUILD YOUR INVENTORY OF PARTS SO YOU CAN ALWAYS "MAKE IT WORK" UNDERSTAND INTERFACING, CONTROLLING, AND COMMUNICATING WITH ALMOST ANY COMPONENT EXPLORE ADVANCED APPLICATIONS WITH VIDEO, AUDIO, REAL-WORLD INTERACTIONS, AND MORE BE FREE TO ADAPT AND CREATE WITH EXPLORING RASPBERRY PI.

VoIP Hacks - TED WALLINGFORD 2006

VOICE OVER INTERNET PROTOCOL IS GAINING A LOT OF ATTENTION THESE DAYS. BOTH PRACTICAL AND FUN, THIS TEXT PROVIDES TECHNOLOGY ENTHUSIASTS AND VOICE PROFESSIONALS WITH DOZENS OF HANDS-ON PROJECTS FOR BUILDING A VOIP NETWORK, INCLUDING A SOFTPBX.

PROGRAMMING THE RASPBERRY PI: GETTING STARTED WITH PYTHON - SIMON MONK 2012-11-23

PROGRAM YOUR OWN RASPBERRY PI PROJECTS CREATE INNOVATIVE PROGRAMS AND FUN GAMES ON YOUR TINY YET POWERFUL RASPBERRY PI. IN THIS BOOK, ELECTRONICS GURU SIMON MONK EXPLAINS THE BASICS OF RASPBERRY PI APPLICATION DEVELOPMENT, WHILE PROVIDING HANDS-ON EXAMPLES AND READY-TO-USE SCRIPTS. SEE HOW TO SET UP HARDWARE AND SOFTWARE, WRITE AND DEBUG APPLICATIONS, CREATE USER-FRIENDLY INTERFACES, AND CONTROL EXTERNAL ELECTRONICS. DO-IT-YOURSELF PROJECTS INCLUDE A HANGMAN GAME, AN LED CLOCK, AND A SOFTWARE-CONTROLLED ROVING ROBOT. BOOT UP AND CONFIGURE YOUR RASPBERRY PI NAVIGATE FILES, FOLDERS, AND MENUS CREATE PYTHON PROGRAMS USING THE IDLE EDITOR WORK WITH STRINGS, LISTS, AND FUNCTIONS USE AND WRITE YOUR OWN LIBRARIES, MODULES, AND CLASSES ADD WEB FEATURES TO YOUR PROGRAMS DEVELOP INTERACTIVE GAMES WITH PYGAME INTERFACE WITH DEVICES THROUGH THE GPIO PORT BUILD A RASPBERRY PI ROBOT AND LED CLOCK BUILD PROFESSIONAL-QUALITY GUIs USING TKINTER

XML Hacks - MICHAEL FITZGERALD 2004

THIS IS A PRACTICAL GUIDE THAT DISTILLS YEARS OF INGENIOUS XML HACKING INTO A COMPLETE SET OF TIPS, TRICKS AND TOOLS FOR THOSE WHO WANT TO LEVERAGE THE UNTAPPED POWER OF XML. IT INCLUDES MANY REAL-WORLD PROJECTS THAT ILLUSTRATE HOW TO DEFINE, CREATE, READ AND MANIPULATE XML DOCUMENTS.

ASTRONOMY Hacks - ROBERT BRUCE THOMPSON 2005

ASTRONOMY Hacks BEGINS THE SPACE EXPLORATION BY GETTING YOU SET UP WITH THE RIGHT EQUIPMENT FOR OBSERVING AND ADMIRING THE STARS IN AN URBAN SETTING. ALONG FOR THE TRIP ARE FIRST RATE TIPS FOR MAKING MOST OF OBSERVATIONS. THE Hacks SHOW YOU HOW TO: DARK-ADAPT YOUR NOTEBOOK COMPUTER. CHOOSE THE BEST BINOCULAR. CLEAN YOUR EYEPIECES AND LENSES SAFELY. UPGRADE YOUR OPTICAL FINDER. PHOTOGRAPH THE STARS WITH BASIC EQUIPMENT.

HACKING RASPBERRY PI - TIMOTHY L. WARNER 2013

DIY HARDWARE HACKING...EASY AS PI ®! RASPBERRY PI IS TAKING OFF LIKE A ROCKET! YOU CAN USE THIS AMAZING, DIRT-CHEAP, CREDIT CARD-SIZED COMPUTER TO LEARN POWERFUL HARDWARE HACKING TECHNIQUES AS YOU BUILD INCREDIBLY CREATIVE AND USEFUL PROJECTS! THIS COMPLETE, FULL-COLOR GUIDE REQUIRES ABSOLUTELY NO EXPERIENCE WITH EITHER HARDWARE HACKING OR COMPUTER PROGRAMMING. COLORFUL PHOTOS GUIDE YOU THROUGH

EACH PROJECT, AND THE STEP-BY-STEP INSTRUCTIONS ARE STUNNINGLY CLEAR AND EASY! 1. START WITH THE ABSOLUTE BASICS: DISCOVER WHY MILLIONS OF PEOPLE ARE SO PASSIONATE ABOUT THE PI! TOUR THE HARDWARE, INCLUDING STORAGE, CONNECTIONS, AND NETWORKING INSTALL AND RUN RASPBIAN, RASPBERRY PI'S LINUX-BASED OPERATING SYSTEM MANAGE DEVICES AND CONFIGURATION FILES NETWORK RASPBERRY PI AND ADD WI-FI PROGRAM RASPBERRY PI USING PYTHON, SCRATCH, XHTML, PHP, AND MYSQL 2. NEXT, BUILD ALL THESE GREAT PROJECTS: MEDIA CENTER RETRO CONSOLE VIDEO GAME STATION MINECRAFT SERVER WEB SERVER PORTABLE WEBCAM SECURITY & PRIVACY DEVICE 3. THEN, MASTER ALL THESE CUTTING-EDGE TECHNIQUES: OVERCLOCK RASPBERRY PI FOR BETTER PERFORMANCE LINK RASPBERRY PI TO THE ARDUINO AND ARDUINO CLONES, INCLUDING THE ALAMODE AND THE GERTBOARD USE THE PI TO BUILD ELECTRONICS PROTOTYPES USING A BREADBOARD.

PENETRATION TESTING WITH RASPBERRY PI - MICHAEL MCPHEE 2016-11-30

LEARN THE ART OF BUILDING A LOW-COST, PORTABLE HACKING ARSENAL USING RASPBERRY PI 3 AND KALI LINUX 2 ABOUT THIS BOOK QUICKLY TURN YOUR RASPBERRY PI 3 INTO A LOW-COST HACKING TOOL USING KALI LINUX 2 PROTECT YOUR CONFIDENTIAL DATA BY DEFTLY PREVENTING VARIOUS NETWORK SECURITY ATTACKS USE RASPBERRY PI 3 AS HONEYPOTS TO WARN YOU THAT HACKERS ARE ON YOUR WIRE WHO THIS BOOK IS FOR IF YOU ARE A COMPUTER ENTHUSIAST WHO WANTS TO LEARN ADVANCED HACKING TECHNIQUES USING THE RASPBERRY PI 3 AS YOUR PENTESTING TOOLBOX, THEN THIS BOOK IS FOR YOU. PRIOR KNOWLEDGE OF NETWORKING AND LINUX WOULD BE AN ADVANTAGE. WHAT YOU WILL LEARN INSTALL AND TUNE KALI LINUX 2 ON A RASPBERRY PI 3 FOR HACKING LEARN HOW TO STORE AND OFFLOAD PENTEST DATA FROM THE RASPBERRY PI 3 PLAN AND PERFORM MAN-IN-THE-MIDDLE ATTACKS AND BYPASS ADVANCED ENCRYPTION TECHNIQUES COMPROMISE SYSTEMS USING VARIOUS EXPLOITS AND TOOLS USING KALI LINUX 2 BYPASS SECURITY DEFENSES AND REMOVE DATA OFF A TARGET NETWORK DEVELOP A COMMAND AND CONTROL SYSTEM TO MANAGE REMOTELY PLACED RASPBERRY PIS TURN A RASPBERRY PI 3 INTO A HONEYPOT TO CAPTURE SENSITIVE INFORMATION IN DETAIL THIS BOOK WILL SHOW YOU HOW TO UTILIZE THE LATEST CREDIT CARD SIZED RASPBERRY PI 3 AND CREATE A PORTABLE, LOW-COST HACKING TOOL USING KALI LINUX 2. YOU'LL BEGIN BY INSTALLING AND TUNING KALI LINUX 2 ON RASPBERRY PI 3 AND THEN GET STARTED WITH PENETRATION TESTING. YOU WILL BE EXPOSED TO VARIOUS NETWORK SECURITY SCENARIOS SUCH AS WIRELESS SECURITY, SCANNING NETWORK PACKETS IN ORDER TO DETECT ANY ISSUES IN THE NETWORK, AND CAPTURING SENSITIVE DATA. YOU WILL ALSO LEARN HOW TO PLAN AND PERFORM VARIOUS ATTACKS SUCH AS MAN-IN-THE-MIDDLE, PASSWORD CRACKING, BYPASSING SSL ENCRYPTION, COMPROMISING SYSTEMS USING VARIOUS TOOLKITS, AND MANY MORE. FINALLY, YOU'LL SEE HOW TO BYPASS SECURITY DEFENSES AND AVOID DETECTION, TURN YOUR PI 3 INTO A HONEYPOT, AND DEVELOP A COMMAND AND CONTROL SYSTEM TO MANAGE A REMOTELY-PLACED RASPBERRY PI 3. BY THE END OF THIS BOOK YOU WILL BE ABLE TO TURN RASPBERRY PI 3 INTO A HACKING ARSENAL TO LEVERAGE THE MOST POPULAR OPEN SOURCE TOOLKIT, KALI LINUX 2.0. STYLE AND APPROACH THIS CONCISE AND FAST-PACED GUIDE WILL ENSURE YOU GET HANDS-ON WITH PENETRATION TESTING RIGHT FROM THE START. YOU WILL QUICKLY INSTALL THE POWERFUL KALI LINUX 2 ON YOUR RASPBERRY PI 3 AND THEN LEARN HOW TO USE AND CONDUCT FUNDAMENTAL PENETRATION TECHNIQUES AND ATTACKS. **GETTING TO KNOW THE RASPBERRY PI** - NICKI PETER PETRIKOWSKI 2014-07-15 A \$35 MINICOMPUTER ABOUT THE SIZE OF A CREDIT CARD, THE RASPBERRY PI HAS TAKEN THE WORLD OF COMPUTING BY STORM. ORIGINALLY INTENDED FOR TEACHING PROGRAMMING IN SCHOOLS, THE DEVICE'S LOW PRICE, SMALL SIZE, AND LOW POWER CONSUMPTION HAVE GIVEN IT WIDE APPEAL. THIS ENTERTAINING, INFORMATIVE TITLE REVEALS THE VISION BEHIND THE RASPBERRY PI AND THE HISTORY OF ITS CREATION. IT DESCRIBES THE COMPUTER'S HARDWARE AND THE OPTIONS IT OFFERS IN TERMS OF OPERATING SYSTEMS, SOFTWARE, PROGRAMMING LANGUAGES, AND PERIPHERALS. READERS ALSO GET A LOOK AT THE LIVELY RASPBERRY PI COMMUNITY OF TINKERERS AND THEIR CREATIVE PROJECTS MAKING USE OF THE MINICOMPUTER.