

Software Update Information Bmw

Thailand Investment and Business Guide - Strategic and Practical Information

Have you ever wanted to calculate the predicted peak flow for one of your asthmatic patients without spending valuable minutes searching for that confounded little slide rule gizmo? Wouldn't it be great if you could somehow remember all Mrs. Jones' medications when the nursing home calls to see if it's OK to treat her acutely elevated blood pressure with some atenolol? Handheld computers are emerging as the stethoscopes of the twenty-first century, and no clinician should be without this essential tool. These small, easy-to-use devices are now powerful enough to help clinicians manage information and make medical decisions at the point of care. This comprehensive how-to guide targets all levels of handheld computer users, from novices to experts, and demonstrates how to make the most of handheld computers in any medical practice. Designed with easy-to-understand, hands-on exercises for each new skill presented, this book begins with choosing a handheld and "getting to know" your new device. It then progresses through downloading and installing software, using charge capture and e-prescription programs, Internet and evidence-based resources for your device, designing and programming your own programs, and going wireless. Written by three experienced family medicine clinicians, Handhelds in Medicine is designed to improve every day practice for any busy health professional. There are chapters written for and by nearly every health professional, including nurses, physician assistants and speech pathologists. Reviews of handheld devices and websites will be kept current at www.handheldsinmedicine.com

Offers advice for prospective buyers of cars and trucks, reveals information on secret warranties and confidential service bulletins, and tells how to complain and get results.

An authoritative source about methods, languages, methodologies and supporting tools for constructing information systems that also provides examples for references models. Its strength is the careful selection of each of the above mentioned components, based on technical merit. The second edition completely revises all articles and features new material on the latest developments in XML & UML. The structure follows the definition of the major components of Enterprise Integration as defined by GERAM (Generalised Enterprise Reference Architecture and Methodology). 1st edition sold about 600 copies since January 2003.

Masterarbeit aus dem Jahr 2020 im Fachbereich Informatik - Technische Informatik, Note: 1,0, Fachhochschule Kaiserslautern Standort Zweibrücken, Sprache: Deutsch, Abstract: Die Zeiten, in denen die Unternehmen getreu dem Motto "Business as usual" leben konnten und dabei wettbewerbsfähig blieben, sind vorbei. Um auf dem Markt mitzuhaltten und dabei noch für potenzielle Kunden aus der Masse hervorstechen, müssen die Unternehmen die "Time-to-market" auf ein Minimum bis hin zu "On-Demand"-Auslieferung via OTA reduzieren. Dies wird bereits von einigen disruptiven Herstellern wie z.B. Tesla getan und führt nachweislich zu hoher Kundenzufriedenheit. Besonders bei den alteingesessenen Unternehmen, in der Regel OEMs, fällt auf, dass diese immer häufiger von der Komplexität der ständig steigenden Kundenanforderungen überfordert sind und es immer häufiger vorkommt, dass Liefertermine nicht eingehalten werden können und die Qualität der Software darunter leidet. In der IT-Welt wurde gerade dies durch die Einführung der kollaborativen DevOps-Kultur ermöglicht. Der Fokus der Methoden liegt dabei auf schnellerem Feedback für die Entwickler und der damit einhergehenden Möglichkeit der schnelleren Auslieferung von Software-Verbesserung für den Kunden. Dabei muss zwischen der reinen Webentwicklung und der Embedded-Systementwicklung unterschieden werden. Gerade bei der Einführung der DevOps-Methoden in der Embedded-Systementwicklung verlaufen die ersten Schritte im Vergleich zur Webentwicklung nicht geradlinig. Besonders für Unternehmen aus dem Embedded-Systementwicklungsbereich lässt sich daher in den letzten Jahren ein stetig steigender Beratungsbedarf beobachten. Das vorliegende Praxisbeispiel soll die Idee hinter der Masterarbeit verdeutlichen: Der Kunde möchte sich über den Ist-Zustand seiner eigenen Entwicklungsmethodik sowie auf ihn zukommende Kosten bei nötiger Aktualisierung informieren. Der Kunde erwartet dabei eine individuelle Beratung mit anschließender Umsetzung zum Thema DevOps, Systementwicklung und eine Einschätzung des ROI. Das Ziel ist es somit, die Zufriedenheit des Kunden zu steigern, eine schnelle Erfassung und Darstellung des Ist-Zustands zu liefern, einen Überblick über entstehende Kosten bei Aktualisierung zu geben und dabei die langfristige Ersparnis bei Neuerung aufzuzeigen. Aufbau der Arbeit: 1) Analyse bestehender Modelle mit Fokus auf Embedded-Systementwicklung 2) Konzepterstellung eines Kompetenzmodells in Verbindung mit einem ROI- / Kostenmodell 3) Evaluierung der beiden Modelle durch interne und externe Projekte 4) Fokus auf Gewährleistung von Effizienz inklusive Gewichtung nach Signifikanz und Relevanz

This three-volume set of books highlights major advances in the development of concepts and techniques in the area of new technologies and architectures of contemporary information systems. Further, it helps readers solve specific research and analytical problems and glean useful knowledge and business value from the data. Each chapter provides an analysis of a specific technical problem, followed by a numerical analysis, simulation and implementation of the solution to the real-life problem. Managing an organisation, especially in today's rapidly changing circumstances, is a very complex process. Increased competition in the marketplace, especially as a result of the massive and successful entry of foreign businesses into domestic markets, changes in consumer behaviour, and broader access to new technologies and information, calls for organisational restructuring and the introduction and modification of management methods using the latest advances in science. This situation has prompted many decision-making bodies to introduce computer modelling of organisation management systems. The three books present the peer-reviewed proceedings of the 39th International Conference "Information Systems Architecture and Technology" (ISAT), held on September 16–18, 2018 in Nysa, Poland. The conference was organised by the Computer Science and Management Systems Departments, Faculty of Computer Science and Management, Wrocław University of Technology and Sciences and University of Applied Sciences in Nysa, Poland. The papers have been grouped into three major parts: Part I—discusses topics including but not limited to Artificial Intelligence Methods, Knowledge Discovery and Data Mining, Big Data, Knowledge Based Management, Internet of Things, Cloud Computing and High Performance Computing, Distributed Computer Systems, Content Delivery Networks, and Service Oriented Computing. Part II—addresses topics including but not limited to System Modelling for Control, Recognition and Decision Support, Mathematical Modelling in Computer System Design, Service Oriented Systems and Cloud Computing, and Complex Process Modelling. Part III—focuses on topics including but not limited to Knowledge Based Management, Modelling of Financial and Investment Decisions, Modelling of Managerial Decisions, Production Systems Management and Maintenance, Risk Management, Small Business Management, and Theories and Models of Innovation.

This book describes the key cybercrime threats facing individuals, businesses, and organizations in our online world. The author first explains malware and its origins; he describes the extensive underground economy and the various attacks that cybercriminals have developed, including malware, spam, and hacking; he offers constructive advice on countermeasures for individuals and organizations; and he discusses the related topics of cyberespionage, cyberwarfare, hacktivism, and anti-malware organizations, and appropriate roles for the state and the media. The author has worked in the security industry for decades, and he brings a wealth of experience and expertise. In particular he offers insights about the human factor, the people involved on both sides and their styles and motivations. He writes in an accessible, often humorous way about real-world cases in industry, and his collaborations with police and government agencies worldwide, and the text features interviews with leading industry experts. The book is important reading for all professionals engaged with securing information, people, and enterprises. It's also a valuable introduction for the general reader who wants to learn about cybersecurity.

Lemon-Aid New and Used Cars and Trucks 1990-2015 steers the confused and anxious buyer through the purchase of new and used vehicles unlike any other car-and-truck book on the market. "Dr. Phil," Canada's best-known automotive expert for more than 42 years, pulls no punches.

Since its introduction in 1975, the BMW 3-series has earned a reputation as one of the world's greatest sports sedans. Unfortunately, it has also proven one of the more expensive to service and maintain. This book is dedicated to the legion of BMW 3-series owners who adore their cars and enjoy restoring, modifying, and maintaining them to perfection; its format allows more of these enthusiasts to get out into the garage and work on their BMWs-and in the process, to save a fortune. Created with the weekend mechanic in mind, this extensively illustrated manual offers 101 projects that will help you modify, maintain, and enhance your BMW 3-series sports sedan. Focusing on the 1984-1999 E30 and E36 models, 101 Performance Projects for Your BMW 3-Series presents all the necessary information, covers all the pitfalls, and assesses all the costs associated with performing an expansive array of weekend projects.

Get up to speed with the latest developments in Automotive Ethernet technology and implementation with this fully revised third edition.

Der inhaltliche Schwerpunkt des Tagungsbands zur ATZlive-Veranstaltung " Fahrerassistenzsysteme 2016" liegt auf der noch vergleichsweise wenig ausgeprägten Disziplin IT-Security im und um das vernetzte Fahrzeug. Die Tagung ist eine unverzichtbare Plattform für den Wissens- und Gedankenaustausch von Forschern und Entwicklern aller Unternehmen und Institutionen, die dieses Ziel verfolgen.

A guide to the trends and leading companies in the engineering, research, design, innovation and development business fields: those firms that are dominant in engineering-based design and development, as well leaders in technology-based research and development.

Automotive EthernetCambridge University Press

From hand-held, dedicated units to software that turns PCs and Palm Pilots into powerful diagnostic scanners, auto enthusiasts today have a variety of methods available to make use of on-board diagnostic systems. And not only can they be used to diagnose operational faults, they can be used as low-budget data acquisition systems and dynamometers, so you can maximize your vehicle's performance. Beginning with why scanners are needed to work effectively on modern cars, this book teaches you how to choose the right scanner for your application, how to use the tool, and what each code means. "How To Use Automotive Diagnostic Scanners" is illustrated with photos and diagrams to help you understand OBD-I and OBD-II systems (including CAN) and the scanners that read the information they record. Also included is a comprehensive list of codes and what they mean. From catalytic converters and O2 sensors to emissions and automotive detective work, this is the complete reference for keeping your vehicle EPA-compliant and on the road!

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

2011 Updated Reprint. Updated Annually. Thailand Privatization Programs and Regulations Handbook

Examines the interplay between artificial intelligence and international economic law, and its effects on global economic order. This title is also available as Open Access.

This book focuses on the vulnerabilities of state and local services to cyber-threats and suggests possible protective action that might be taken against such threats. Cyber-threats to U.S. critical infrastructure are of growing concern to policymakers, managers and consumers. Information and communications technology (ICT) is ubiquitous and many ICT devices and other components are interdependent; therefore, disruption of one component may have a negative, cascading effect on others. Cyber-attacks might include denial of service, theft or manipulation of data. Damage to critical infrastructure through a cyber-based attack could have a significant impact on the national security, the economy, and the livelihood and safety of many individual citizens. Traditionally cyber security has generally been viewed as being focused on higher level threats such as those against the internet or the Federal government. Little attention has been paid to cyber-security at the state and local level. However, these governmental units play a critical role in providing services to local residents and consequently are highly vulnerable to cyber-threats. The failure of these services, such as waste water collection and water supply, transportation, public safety, utility services, and communication services, would pose a great threat to the public. Featuring contributions from leading experts in the field, this volume is intended for state and local government officials and managers, state and Federal officials, academics, and public policy specialists.

Thailand: Doing Business and Investing in ... Guide Volume 1 Strategic, Practical Information, Regulations, Contacts

The objective of the workshops associated with the ER'99 18th International Conference on Conceptual Modeling is to give participants access to high level presentations on specialized, hot, or emerging scientific topics. Three themes have been selected in this respect: — Evolution and Change in Data Management (ECDM'99) dealing with handling the evolution of data and data structure, — Reverse Engineering in Information Systems (REIS'99) aimed at exploring the issues raised by legacy systems, — The World Wide Web and Conceptual Modeling (WWWCM'99) which analyzes the mutual contribution of WWW resources and techniques with conceptual modeling. ER'99 has been organized so that there is no overlap between conference sessions and the workshops. Therefore participants can follow both the conference and the workshop presentations they are interested in. I would like to thank the ER'99 program co-chairs, Jacky Akoka and Mokrane Bouzeghoub for having given me the opportunity to organize these workshops. I would also like to thank Stephen Liddle for his valuable help in managing the evaluation procedure for submitted papers and helping to prepare the workshop proceedings for publication. August 1999 Jacques Kouloumdjian Preface for ECDM'99 The first part of this volume contains the proceedings of the First International Workshop on Evolution and Change in Data Management, ECDM'99, which was held in conjunction with the 18th International Conference

on Conceptual Modeling (ER'99) in Paris, France, November 15-18, 1999.

By 2020, the Internet of Things (IoT) will consist of millions of computational devices intimately connected to real-world aspects of human life. In this insightful book, Professor Sean Smith, who worked in information security long before the web appeared, explains that if we build the IoT the way we built the current internet and other information technology initiatives, we're headed for trouble. With a focus on concrete solutions, *The Internet of Risky Things* explains how we can avoid simple flaws that have plagued several dramatic IT advances in recent decades.

Developers, engineers, industrial designers, makers, and researchers will explore "design patterns of insecurities" and learn what's required to route around or fix them in the nascent IoT. Examine bugs that plague large-scale systems, including integer overflow, race conditions, and memory corruption Look at successful and disastrous examples of previous quantum leaps in health IT, the smart grid, and autonomous vehicles Explore patterns in coding, authentication, and cryptography that led to insecurity Learn how blunders that led to spectacular IT disasters could have been avoided

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

Software and systems quality is playing an increasingly important role in the growth of almost all ? profit and non-profit ? organisations. Quality is vital to the success of enterprises in their markets. Most small trade and repair businesses use software systems in their administration and marketing processes. Every doctor's surgery is managing its patients using software. Banking is no longer conceivable without software. Aircraft, trucks and cars use more and more software to handle their increasingly complex technical systems. Innovation, competition and cost pressure are always present in on-going business decisions. The question facing all these organisations is how to achieve the right quality of their software-based systems and products; how to get the required level of quality, a level that the market will reward, a level that mitigates the organisation's risks and a level that the organisation is willing to pay for. Although a number of good practices are in place, there is still room for huge improvements. Thus, let us take a look into the two worlds of "Embedded systems" and "ICT systems" and let us learn from both worlds, from overlaps and individual solutions. The next step for industrialisation in the software industry is required now. Hence, three pillars will be focused in this book: (1) a fundamental notion of right software and systems quality (RiSSQ); (2) portfolio management, quality governance, quality management, and quality engineering as holistic approach over the three layers of an enterprise, i.e. strategic, tactical, and operational layer; and (3) an industrialisation framework for implementing our approach.

Growing dependence on cyberspace for commerce, communication, governance, and military operations has left society vulnerable to a multitude of security threats. Mitigating the inherent risks associated with the use of cyberspace poses a series of thorny public policy problems. In this volume, academics, practitioners from both private sector and government, along with former service members come together to highlight sixteen of the most pressing contemporary challenges in cybersecurity, and to offer recommendations for the future. As internet connectivity continues to spread, this book will offer readers greater awareness of the threats of tomorrow—and serve to inform public debate into the next information age. Contributions by Adrienne Allen, Aaron Brantly, Lauren Boas Hayes, Jane Chong, Joshua Corman, Honorable Richard J. Danzig, Kat Dransfield, Ryan Ellis, Maily Fidler, Allan Friedman, Taylor Grossman, Richard M. Harrison, Trey Herr, Drew Herrick, Jonah F. Hill, Robert M. Lee, Herbert S. Lin, Anastasia Mark, Robert Morgus, Paul Ohm, Eric Ormes, Jason Rivera, Sasha Romanosky, Paul Rosenzweig, Matthew Russell, Nathaniel Tisa, Abraham Wagner, Rand Waltzman, David Weinstein, Heather West, and Beau Woods.

The threat landscape is evolving with tremendous speed. We are facing an extremely fast-growing attack surface with a diversity of attack vectors, a clear asymmetry between attackers and defenders, billions of connected IoT devices, mostly reactive detection and mitigation approaches, and finally big data challenges. The clear asymmetry of attacks and the enormous amount of data are additional arguments to make it necessary to rethink cybersecurity approaches in terms of reducing the attack surface, to make the attack surface dynamic, to automate the detection, risk assessment, and mitigation, and to investigate the prediction and prevention of attacks with the utilization of emerging technologies like blockchain, artificial intelligence and machine learning. This book contains eleven chapters dealing with different Cybersecurity Issues in Emerging Technologies. The issues that are discussed and analyzed include smart connected cars, unmanned ships, 5G/6G connectivity, blockchain, agile incident response, hardware assisted security, ransomware attacks, hybrid threats and cyber skills gap. Both theoretical analysis and experimental evaluation of state-of-the-art techniques are presented and discussed. Prospective readers can be benefitted in understanding the future implications of novel technologies and proposed security solutions and techniques. Graduate and postgraduate students, research scholars, academics, cybersecurity professionals, and business leaders will find this book useful, which is planned to enlighten both beginners and experienced readers.

Self-organisation, self-regulation, self-repair and self-maintenance are promising conceptual approaches for dealing with complex distributed interactive software and information-handling systems. Self-organising applications dynamically change their functionality and structure without direct user intervention, responding to changes in requirements and the environment. This is the first book to offer an integrated view of self-organisation technologies applied to distributed systems, particularly focusing on multiagent systems. The editors developed this integrated book with three aims: to explain self-organisation concepts and principles, using clear definitions and a strong theoretical background; to examine how self-organising behaviour can be modelled, analysed and systematically engineered into agent behaviour; and to assess the types of problems that can be solved using self-organising multiagent systems. The book comprises chapters covering all three dimensions, synthesising up-to-date research work and the latest technologies and applications. The book offers dedicated chapters on concepts such as self-organisation, emergence in natural systems, software agents, stigmergy, gossip, cooperation and immune systems. The book then explains how to engineer artificial self-organising software, in particular it examines methodologies and middleware infrastructures. Finally, the book presents diverse applications of self-organising software, such as constraint satisfaction, trust management, image recognition and networking. The book will be of interest to researchers working on emergent phenomena and adaptive systems. It will also be suitable for use as a graduate textbook, with chapter summaries and exercises, and an accompanying website that includes teaching slides, exercise solutions and research project outlines. Self-organisation, self-regulation, self-repair and self-maintenance are promising conceptual approaches for dealing with complex distributed interactive software and information-handling systems. Self-organising applications dynamically change their functionality and structure without direct user intervention, responding to changes in requirements and the environment. This is the first book to offer an

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This book examines the extensive changes in markets, technologies and value chains that telecommunication companies are currently confronted with. It analyzes the crossroads they have reached and the choices that now need to be made – to be a bit pipe or a trendsetter of digitalization. Based on an analysis of the key challenges for telcos, the book derives future market scenarios and puts forward recommendations for how they can successfully position themselves. It proposes a framework based on seven “levers,” which addresses concrete measures in each step of the value chain, ranging from technology, IT and processes, to innovation, marketing and sales issues. The book discusses the current challenges and provides both general recommendations and concrete solutions. Respected experts illustrate innovative strategic and technical trends and provide insights gained in real-life transformation projects. Recent developments in the areas of regulation, product development, competition between over-the-top (OTT) providers and telcos, as well as technical innovations like 5G, SDN/NFV, LEO satellites and MEC are discussed. Accordingly, practitioners, managers and researchers alike will benefit from the book’s wealth of examples and up-to-date insights.

This book constitutes the refereed proceedings of the 12th European Conference on Software Architecture, ECSA 2018, held in Madrid, Spain, in September 2018. The 17 full papers presented together with 7 short papers were carefully reviewed and selected from 96 submissions. They are organized in topical sections as follows: Self-Adaptive Architectures, IoT Architectures, Embedded and Cyber-Physical Systems, Microservices Architectures, Service-Oriented Architectures, Architectural Design Decisions, Software Architecture in Practice.

This book steers buyers through the the confusion and anxiety of new and used vehicle purchases unlike any other car-and-truck book on the market. “Dr. Phil,” Canada’s best-known automotive expert for more than forty-five years, pulls no punches.

Thailand Tax Guide Volume 1 Strategic Information and Basic Regulations

As U.S. and Canadian automakers and dealers face bankruptcy and Toyota battles unprecedented quality-control problems, Lemon-Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car-and-truck books on the market. Phil Edmonston, Canada's automotive "Dr. Phil" for more than 40 years, pulls no punches. In this all-new guide he says: Chrysler's days are numbered with the dubious help of Fiat. Electric cars and ethanol power are PR gimmicks. Diesel and natural gas are the future. Be wary of "zombie" vehicles: Jaguar, Land Rover, Saab, and Volvo. Mercedes-Benz -- rich cars, poor quality. There's only one Saturn you should buy. Toyota -- enough apologies: "when you mess up, 'fess up." Connectivity has arrived in the vehicle - whether it is in-car internet or car-to-car communication. For the chassis too, the connected car is increasingly becoming a driver of innovation. Predictive and intelligent chassis systems and automated driving are just some of the topics being addressed. In addition to enhancing driving comfort and safety, interconnecting the powertrain with the chassis can also provide new functions, not only in cars but also in commercial vehicles. What is more, modularization, electrification of the powertrain, intelligent development methods and efforts to reduce fuel consumption are also driving innovations in chassis systems.

Phil Edmonston, Canada's automotive "Dr. Phil," pulls no punches. He says there's never been a better time to buy a new car or truck, thanks to a stronger Canadian dollar and an auto industry offering reduced prices, more cash rebates, low financing rates, bargain leases, and free auto maintenance programs. In this all-new guide he says: Audis are beautiful to behold but hell to own (biodegradable transmissions, "rodent snack" wiring, and mind-boggling depreciation Many 2011-12 automobiles have "chin-to-chest head restraints, blinding dash reflections, and dash gauges that can't be seen in sunlight, not to mention painful wind-tunnel roar if the rear windows are opened while underway Ethanol and hybrid fuel-saving claims have more in common with Harry Potter than the Society of Automotive Engineers GM's 2012 Volt electric car is a mixture of hype and hypocrisy from the car company that "killed" its own electric car more than a decade ago You can save \$2,000 by cutting freight fees and "administrative" charges Diesel annual urea fill-up scams can cost you \$300, including an \$80 "handling" charge for \$25 worth of urea Lemon-Aid's 2011-12 Endangered Species List: the Chinese Volvo, the Indian Jaguar and Land Rover, the Mercedes-Benz Smart Car, Mitsubishi, and Suzuki

Focusing on technical, policy and social/societal practices and innovations for electrified transport for personal, public and freight purposes, this book provides a state-of-the-art overview of developments in e-mobility in Europe and the West Coast of the USA. It serves as a learning base for further implementing and commercially developing this field for the benefit of society, the environment and public health, as well as for economic development and private industry. A fast-growing, interdisciplinary sector, electric mobility links engineering, infrastructure, environment, transport and sustainable development. But despite the relevance of the topic, few publications have ever attempted to document or promote the wide range of electric mobility initiatives and projects taking place today. Addressing this need, this publication consists of case studies, reports on technological developments and examples of successful infrastructure installation in cities, which document current initiatives and serve as an inspiration for others.

A practical restoration manual on the E36, the 3 Series BMWs built between 1990 & 1999. Covers all models from the 316 compact to the M3. Advice is given on acquiring a good pre-owned example plus restoring & modifying engines, bodywork, trim, electrics, suspension & mechanical parts. Detailed information on Alpina & M3 cars. A total of 148 fully illustrated colour and black & white

Lemon-Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car-and-truck books on the market. U.S. automakers are suddenly awash in profits,

and South Koreans and Europeans have gained market shares, while Honda, Nissan, and Toyota have curtailed production following the 2011 tsunami in Japan. Shortages of Japanese new cars and supplier disruptions will likely push used car prices through the roof well into 2012, so what should a savvy buyer do? The all-new Lemon-Aid Used Cars and Trucks 2012-2013 has the answers, including: More vehicles rated, with some redesigned models that don't perform as well as previous iterations downrated. More roof crash-worthiness ratings along with an expanded cross-border shopping guide. A revised summary of safety- and performance-related defects that are likely to affect rated models. More helpful websites listed in the appendix as well as an updated list of the best and worst "beaters" on the market. More "secret" warranties taken from automaker internal service bulletins and memos than ever.

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