The API Economy Disruption And The Business Of APIs

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Getting Started with IBM API Connect: Concepts and Architecture Guide CRC Press
Learn the business and technical importance of API design and architecture using the available cloud services from Azure and AWS. This book starts off with an introduction to APIs and the concept of API Economy from a business and organizational perspective. You'll decide on a sustainable API strategy and API architecture based on different case scenarios. You'll then look at actual examples on API development guidelines, providing a practical view and approach towards the API development and aligning teams in API development. This book walks you through the API gateway services available in Azure and AWS and reviews different approaches to API Security. This will prepare you for understanding the trade-off between security and the frictionless API experience. What You'll Learn Implement API Gateways to streamline API Development Examine Security Mapping with API gateways from Azure and AWS Apply API implementation using Serverless architecture Review evolving APIs for monitoring and changing business requirements Use code samples in API security implementations Who This Book Is For Developers and architects with .NET and web development experience who want to learn about API design.

Open Banking Springer Nature
This book constitutes the refereed proceedings of the 12th International Conference on Software Business, ICSOB 2021, which was held during December 2-3, 2021. The conference was originally planned to take place in Drammen, Norway, but changed to an online format due to the COVID-19 pandemic. The special theme of ICSOB 2021 was software sustainability. The 13 full papers and 5 short papers presented were carefully reviewed and selected from 39 submissions. They deal with a range of topics including software sustainability, Agile development, DevOps, software startups, prototyping, software ecosystems, crowdsourcing platforms, technical debts, and risk management.

The Fintech Disruption Routledge
A blueprint to new levels of company growth leveraging your firm's Partner Ecosystem In

Ecosystem-Led Growth: A Blueprint For Sales and Marketing Success Using the Power of Partnerships, veteran entrepreneur and tech leader Bob Moore delivers an intuitive and insightful guide to using your company's Partner Ecosystem to unlock countless leads, break sales records, scale your organization, and build a once-in-a-generation business. In the book, you'll discover why partnerships are no longer the domain of "partner people" schmoozing at conferences. Instead, they can be used to unlock vast amounts of data, new relationships, and scalable growth plays. You'll learn about: Transformational technologies that bring partner data to your fingertips Savvy companies and executives who convert that data into untapped growth opportunities Real-world examples of go-to-market leaders at dozens of leading tech companies implementing a powerful new perspective on growth An indispensable roadmap to an exciting new strategy for scaling your firm, Ecosystem-Led Growth will earn a place on the bookshelves of managers, executives, founders, entrepreneurs, salespeople, marketers, and anyone else interested in taking their company to new heights.

Applications of Machine Learning and Deep Learning for Privacy and Cybersecurity John Wiley & Sons
Money is no longer limited to physical currency or credit and debit cards; however, cryptocurrencies are emerging due to recent technological advancements. Financial markets have been revolutionized as a result of innovative technological trends. It seems that there is no way to evade embracing new trends in the financial markets; without them, we will be destined to fail. Mainstreaming Cryptocurrency and the Future of Digital Finance provides an overview of the advantages and disadvantages of current cryptocurrency-based payment methods aiming to leverage technology to create better financial services in different businesses. The book also discusses fintech, the cryptocurrency market, trading tips and techniques, brokers and how they work, digital wallets, analytical tools to pick cryptocurrencies, and risk management methods to leverage a secure investment in cryptocurrencies. Covering key topics such as digital money, trading, and financial technologies, this premier reference source is ideal for managers, business owners, industry professionals, researchers, academicians, scholars, instructors, and students.

API Marketplace Engineering IGI Global
This open access book constitutes the

6 research workshops, the Agile Education and Training Track, the Doctoral Symposium, as well as a panel presented at XP 2020, the 21st International Conference on Agile Software Development, which was held during June 8-12, 2020. The conference was planned to take place at the IT University of Copenhagen, Denmark. Due to the COVID 19 pandemic, the conference was held online. In 2020, the following six workshops took place: Third International Workshop on Software-Intensive Business Eighth International Workshop on Large-Scale Agile Development Second European Symposium on Serverless Computing and Applications Second International Workshop on Agile Transformation First International Workshop on Agility with Microservices Programming Third International Workshop on Autonomous Agile Teams XP is the premier agile software development conference combining research and practice. It is a unique forum where agile researchers, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. XP conferences provide an informal environment to learn and trigger discussions and welcome both people new to agile and seasoned agile practitioners. The 31 papers presented in this volume were carefully reviewed and selected from overall 79 submissions. In addition to the 26 workshop papers, this volume also includes 2 papers from the Agile Education and Training Track and 3 papers from the Doctoral Symposium. Furthermore, the book contains a summary of a panel discussion with the topic "Covid-19's Influence on the Future of Agile".

Business of APIs John Wiley & Sons
Open banking ends the proprietary control of customer information by banks and allows customers to share their banking financial data

with third parties as a matter of right. It can also permit customers to allow others to remove funds directly from their bank accounts in return for goods and services. All of this is done securely with standardised 'application programming interfaces' (APIs). Open banking has developed in different ways and with different objectives across the globe. Open Banking: Global Development and Regulation examines the empowering and enabling regulations that facilitate all of this. This book compares a number of different open banking national strategies. These range from the focus of the UK and EU on enhanced competition to the more collaborative approaches in many East Asian jurisdictions. It also looks at the use of open banking for socio-economic purpose in Brazil and India. Here open banking forms part of a wider government programme to increase financial inclusion coupled with encouraging economic growth. This text will be valuable for fintech companies, policymakers and financial services regulators Its overarching aim is to demonstrate the possibilities and challenges of open banking and how it is changing lives across the world.

Inclusive Disruption: Digital Capitalism, Deep Technology And Trade Disputes
Springer Nature
A front-line industry insider's look at the financial technology explosion The FINTECH Book is your primary guide to the financial technology revolution, and the disruption, innovation and opportunity therein. Written by prominent thought leaders in the global fintech investment space, this book aggregates diverse industry expertise into a single informative volume to provide entrepreneurs, bankers and investors with the answers they need to capitalize on this lucrative market. Key industry developments are explained in detail, and critical insights from cutting-edge practitioners offer first-hand information and lessons learned. The financial technology sector is booming, and entrepreneurs, bankers, consultants, investors and asset managers are scrambling for more information: Who are the key players? What's driving the explosive growth? What are the risks? This book collates insights, knowledge and guidance from industry experts to provide the answers to these questions and more. Get up to speed on the latest

industry developments Grasp the market dynamics of the 'fintech revolution' Realize the sector's potential and impact on related industries Gain expert insight on investment and entrepreneurial opportunities The fintech market captured over US$14 billion in 2014, a three-fold increase from the previous year. New startups are popping up at an increasing pace, and large banks and insurance companies are being pushed toward increasing digital operations in order to survive. The financial technology sector is booming and The FINTECH Book is the first crowd-sourced book on the subject globally, making it an invaluable source of information for anybody working in or interested in this space.

Reauthorization of Expiring Energy Policy and Conservation Act Programs
IBM Redbooks
A strategy and implementation guide for building, deploying, and managing APIs Key FeaturesComprehensive, end-to-end guide to business-driven enterprise APIsDistills years of experience with API and microservice strategiesProvides detailed guidance on implementing API-led architectures in any businessBook Description APIs are the cornerstone of modern, agile enterprise systems. They enable access to enterprise services from a wide variety of devices, act as a platform for innovation, and open completely new revenue streams. Enterprise API Management shows how to define the right architecture, implement the right patterns, and define the right organization model for business-driven APIs. Drawing on his experience of developing API and microservice strategies for some of the world's largest companies, Luis Weir explains how APIs deliver value across an enterprise. The book explores the architectural decisions, implementation patterns, and management practices for successful enterprise APIs, as well as providing clear, actionable advice on choosing and executing the right API strategy in your enterprise. With a relentless focus on creating business value, Luis Weir reveals an effective method for planning, building, and running business products and services with APIs. What you will learnCreate API strategies to deliver business valueMonetize APIs, promoting them through public marketplaces and directoriesDevelop API-led architectures, applying best practice architecture patternsChoose between REST, GraphQL, and gRPC-style API architecturesManage APIs and microservices through the complete life cycleDeploy APIs and business

products, as well as Target Operating ModelsLead product-based organizations to embrace DevOps and focus on delivering business capabilitiesWho this book is for Architects, developers, and technology executives who want to deliver successful API strategies that bring business value.

The Routledge Handbook of FinTech
John Wiley & Sons
The Routledge Handbook of FinTech offers comprehensive coverage of the opportunities, challenges and future trends of financial technology. This handbook is a unique and in-depth reference work. It is organised in six thematic parts. The first part outlines the development, funding, and the future trends. The second focuses on blockchain technology applications and various aspects of cryptocurrencies. The next covers FinTech in banking. A significant element of FinTech, mobile payments and online lending, is included in the fourth part. The fifth continues with several chapters covering other financial services, while the last discusses ethics and regulatory issues. These six parts represent the most significant and overarching themes of FinTech innovations. This handbook will appeal to students, established researchers seeking a single repository on the subject, as well as policy makers and market professionals seeking convenient access to a one-stop guide.

Fostering Collaborative Data Exchange Using Semantic Data Models In The European Goods Transport Industry IGI Global
For more than 20 years, supply chains have been optimized using electronic data interchange based on the EDIFACT standard. In 2010, the EU Commission launched a digital agenda to optimize public administration processes through uniform and cross-border regulations. Ongoing globalization and increased environmental awareness are creating increasing de-mands for the transport industry, such as shifting transport from road to rail. Several projects are focusing on the semantic standardization of data exchange based on web technologies, in order to optimize system interaction between all players of the transport supply chain. This study investigates, if using a semantic reference data model instead of a proprietary data model fosters the intensity of possible interactions of data exchange systems in the European goods transport industry.

To be able to measure a change drivers, benefits, challenges, and success factors for collaborative data exchange are identified. The research in this study bases its solutions on the system interaction theory and performs a literature review as well as collects primary data. Six representatives of important players of the European goods transport industry are interviewed and surveyed.

Mainstreaming Cryptocurrency and the Future of Digital Finance BoD - Books on Demand

API is technology and digital product used for artificial intelligence, platform economy, and internet. It has the capability to change business models dramatically. APIs (application programming interfaces) are becoming a major competitive factor for companies. This book takes on the fundamental questions of API Economy and approaches the subject pragmatically and clearly without technical jargon. The book clarifies the birth and shape of the API Economy with numerous practical examples. This is the first API Economy book based on scientific references. Originally this popular book was written in Finnish. It is a great start for students and advanced professionals alike. After reading this book, you will understand what it is all about and how to move forward and grow your business with APIs. The authors are leading Finnish API-experts with an abundance of experience from API and platform economy as authors, researchers, and lecturers and consultants.

API Economy 101 Packt Publishing Ltd

Inclusive Disruption serves as a primary guide to help readers understand what financial technology is and how it has evolved to change the future financial landscape. The central ideas of fintech are explained in details, with topics ranging from distributed innovation, inclusive blockchain to decentralised inclusive technologies.The book also gathers the views of key opinion leaders and cutting-edge practitioners who are at the forefront of fintech development. Therefore, it not only presents useful insights about financial technology but also represents an invaluable source of knowledge for readers who are interested in fintech.

Platform Revolution: How Networked Markets Are

Transforming the Economyand How to Make Them Work for You Taylor & Francis

The API Economy is key to accelerating business value by uncovering more profitable opportunities, reaching more profitable customers, and establishing more profitable partnerships. The cloud, ubiquitous mobility, Big Data analytics, the Internet of Things, software defined networking, and social platforms are fueling the hyper-growth of API-centric, business-as-a-service economies, in which entire businesses are digitized, and entirely new forms of business and consumer interaction emerge. Using these technologies, you can become easier to do business with, foster new channels, reach new markets, and radically improve your ability to collaborate. To achieve these goals, you must understand powerful new market dynamics, important ways in which your customers' lives are changing, and radically new technologies. But understanding isn't enough: you must plan and execute an effective response. In The Power of the API Economy, IBM Fellow Kerrie Holley covers all of this: ideas, implications, roadmaps, and execution. Holley demystifies both the technological and business trends driving the API economy, and offers a complete action plan for leveraging its torrent of new opportunities (and managing its many new risks). He offers clear, practical answers to key questions such as: What is the "API economy," and why should I care? How are digital platforms transforming business ecosystems, interactions, and my customers' lives and expectations? Which of my offerings are threatened most immediately, and what should I do? How can I use APIs to innovative at the speed of cloud and Internet-era companies - and create value at the same speed? How can I drive strategic advantage from "purpose-driven platforms" such as Facebook, Salesforce, iTunes, and Amazon? What happens when everyone's engaged with everything, and everyone's both a partner and a competitor? What do I

do now? How will I know if it's working? Whether you're a CxO-level executive, line-of-business leader, technologist, strategist, marketer, or consultant, The Power of the API Economy will help you capture value and serve customers in ways you could have never imagined before -- because, until now, they simply didn't exist!

Knowledge Integration Strategies for Entrepreneurship and Sustainability Springer Nature

The Regulatory Technology Handbook The transformational potential of RegTech has been confirmed in recent years with US$1.2 billion invested in start-ups (2017) and an expected additional spending of US$100 billion by 2020. Regulatory technology will not only provide efficiency gains for compliance and reporting functions, it will radically change market structure and supervision. This book, the first of its kind, is providing a comprehensive and invaluable source of information aimed at corporates, regulators, compliance professionals, start-ups and policy makers. The REGTECH Book brings into a single volume the curated industry expertise delivered by subject matter experts. It serves as a single reference point to understand the RegTech eco-system and its impact on the industry. Readers will learn foundational notions such as: • The economic impact of digitization and datafication of regulation • How new technologies (Artificial Intelligence, Blockchain) are applied to compliance • Business use cases of RegTech for cost-reduction and new product origination • The future regulatory landscape affecting financial institutions, technology companies and other industries Edited by world-class academics and written by compliance professionals, regulators, entrepreneurs and business leaders, the RegTech Book represents an invaluable resource that paves the way for 21st century regulatory innovation.

*Agile Processes in Software Engineering and Extreme Programming – Workshops*John Wiley & Sons

Technology provides accessibility otherwise unavailable to the people who can benefit from it the most. As new digital tools become less expensive and more widely available, research and real-world cases that examine the union

between emergent countries and information systems are essential in determining the next steps for these nations. The Handbook of Research on Managing Information Systems in Developing Economies is a pivotal reference source that explores the effects of technological data handling within developing economies. Covering a broad range of topics such as emerging digital technologies, socio-economic development, and technology startups, this book is ideally designed for software programmers, policymakers, practitioners, educators, academicians, students, and researchers.

The Business of AI: Monetizing, Marketing and Selling AI Products Springer Nature
Unlock the Moneymaking Potential of AI for Your Business (The Business of AI) Artificial intelligence already drives billions in economic value, but most businesses have yet to tap its lucrative potential. This definitive guide reveals insider strategies used by AI industry practitioners to successfully ideate, develop, market and monetize AI products across any industry to gain competitive advantages and dominate your niche. Learn high-impact business frameworks around: Validating and conceptualizing profitable AI product ideas based on market gap analysis Assembling AI development teams leveraging the right talent and technology stacks Architecting reliable and scalable machine learning operations (MLOps) Securing funding for AI startups via optimal fundraising approaches Building trust and adoption via differentiated marketing highlighting transparency Generating sales tailoring B2B and B2C monetization models around AI Ethics considerations around reducing algorithmic bias and ensuring fairness Global expansion tactics and localization techniques as you scale internationally Additionally, get exclusive insights from AI thought leaders on emerging technologies, long horizon predictions, sample case studies and more. Plus helpful appendices featuring an AI entrepreneur's resource directory across data resources, tools, cloud platforms, research groups and communities. This indispensable handbook provides pragmatic guidance for CEOs, founders, developers, marketers, sales leaders keen to capitalize on AI' s business potential and compound competitive differentiation. Buy now to future proof your firm!

FinTech W. W. Norton & Company
As the COVID-19 pandemic comes to a close, inflation has revealed itself to be a major problem for all countries of the developed world. The problem has been exacerbated in developing nations, which had problems even before the pandemic. Energy prices have increased, and with the increase in transportation costs, it has been more difficult for many retailers to stock shelves as they did before the pandemic. It is understood by many that the rising prices and supply chain disruptions will likely not be temporary and must be managed by future executives. Managing Inflation and Supply Chain Disruptions in the Global Economy uncovers the many ways businesses can manage this new phenomenon. It discusses global crises and their effects on the global economy in terms of inflation and supply chain. Covering topics such as inflationist impact, crisis leadership, and deglobalization, this premier reference source is an essential resource for economists, supply chain specialists, government officials, consultants, business leaders and executives, logistics professionals, IT managers, students and educators of higher education, researchers, and academicians.

Business and Management in Asia: Disruption and Change World Scientific
The growth of innovative cyber threats, many based on metamorphosing techniques, has led to security breaches and the exposure of critical information in sites that were thought to be impenetrable. The consequences of these hacking actions were, inevitably, privacy violation, data corruption, or information leaking. Machine learning and data mining techniques have significant applications in the domains of privacy protection and cybersecurity, including intrusion detection, authentication, and website defacement detection, that can help to combat these breaches. Applications of Machine Learning and Deep Learning for Privacy and Cybersecurity provides machine and deep learning methods for analysis and characterization of events regarding privacy and anomaly detection as well as for establishing predictive models for cyber attacks or privacy violations. It provides case studies of the use of these techniques and discusses the expected future developments on privacy and cybersecurity applications. Covering topics such as behavior-based authentication, machine learning attacks, and privacy preservation, this book is a crucial resource for IT specialists, computer engineers, industry professionals, privacy specialists, security professionals, consultants, researchers, academicians, and students and educators of higher education.

Banks and Fintech on Platform Economies IGI Global
5G INNOVATIONS FOR INDUSTRY TRANSFORMATION Authoritative resource providing insight on real-life industrial 5G use cases in driving customer value, productivity, and sustainability ambitions With 5G innovations rapidly expanding to different areas within technology, 5G Innovations for Industry Transformation provides key information on how 5G technology can positively impact digital transformation in the industry sectors, discussing new data-driven business opportunities, including green digital transition, new standards for sustainability, and real-time data-driven services, introducing case studies that cover a variety of industries, from the oil & gas industry to the telecom industry, along with the lessons learned from these case studies, and providing insights into how 5G technology will transform businesses by sharing real-time customer solutions, fair data sharing principles, and ecosystem and change management. The book summarizes novelty aspects in a compact and practical way to benefit users and specialists in the field who want to understand some of the very key aspects of 5G. To aid in reader comprehension, the book contains tables, figures of technical principles and architectural block diagrams, and photographs further explaining key topics. Sample topics covered in 5G Innovations for Industry Transformation include: 5G SA technology with new capabilities, 5G private networks, and how smart, connected products are transforming competition Implications of 5G applied to your particular business and/or industry, and how to scale up and industrialize based on these implications How to lead the charge in relation to optimizing business practices based on the advent of 5G, and details on navigating the platform economy How 5G affects data privacy and security, and other integrated capabilities of 5G, such as processes, data, technology, and competencies Based on real-world experiences and high-quality research and presenting practical examples that serve as a useful guiding hand, 5G Innovations for Industry Transformation is an essential resource for change leaders, enterprise architects, and software developers of any industrial enterprise seeking to drive digitalization forward in their value chain and

organization.

Accelerating Modernization with Agile Integration Springer Nature
The future blurs strategy, business models, technology, work, and leadership — are you ready? Fast Future Blur provides invaluable insights and strategic frameworks to navigate the complexity of our current period of rapid and radical transformation ('Fast Future' phase). Focused on the interconnected nature of the evolution underway, the book serves as an eye-opener for business leaders, providing guidance in understanding this dynamic and complex landscape. Fast Future Blur delves into 12 key areas of change, including platform businesses, regenerative innovation, artificial intelligence, the future of healthcare, the future of work, the future of mobility, blockchain, metaverse, virtual & augmented reality, leadership, agility, fintech, and the impact from 6 inter-connections. With compelling, powerful, and timely insights from the Fast Future Executive faculty — a global consortium of experts and industry leaders, many of whom are associated with the World Economic Forum, top business and technology schools and leading global companies — Fast Future Blur is an essential resource to prepare for the complexities of the future.