

The Api Economy Disruption And The Business Of Apis

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The REGTECH Book Koehler Books

Airbnb facilitates the booking of over 37 million overnight stays per year. Uber operates in 450 cities in 60 countries. Both claim to be part of the rapidly growing 'sharing economy' — but what does that actually mean? Here, Tom Slee offers a razor-sharp examination of the 'sharing economy': from its genesis in open-source software and media file sharing, through to the present day popularity of Uber, Airbnb, Taskrabbit, and similar services, which operate outside of normal business regulations, taking on none of the risk or responsibility when something goes wrong. He asks, how did we get from the generosity of what's mine is yours, to the self-interest and greed of what's yours is mine?

FinTech Packt Publishing Ltd

The Handbook of Computational Social Science is a comprehensive reference source for scholars across multiple disciplines. It outlines key debates in the field, showcasing novel statistical modeling and machine learning methods, and draws from specific case studies to demonstrate the opportunities and challenges in CSS approaches. The Handbook is divided into two volumes written by outstanding, internationally renowned scholars in the field. This second volume focuses on foundations and advances in data science, statistical modeling, and machine learning. It covers a range of key issues, including the management of big data in terms of record linkage, streaming, and missing data. Machine learning, agent-based and statistical modeling, as well as data quality in relation to digital trace and textual data, as well as probability, non-probability, and crowdsourced samples represent further foci. The volume not only makes major contributions to the consolidation of this growing research field, but also encourages growth into new directions. With its broad coverage of perspectives (theoretical, methodological, computational), international scope, and interdisciplinary approach, this important resource is integral reading for advanced undergraduates, postgraduates, and researchers engaging with computational methods across the social sciences, as well as those within the scientific and engineering sectors.

[Ensuring Success and Developing a Framework for Leadership](#)

John Wiley & Sons

Advances in technology are creating the next economy and enabling us to make things/do things/connect with others in smarter, cheaper, faster, more effective ways. But the price of this progress has been a decoupling of the engine of prosperity from jobs that have been the means by which people have ascended to (and stayed in) the middle class. Andy Stern, the former president of the Service Employees International Union (SEIU) spent four years traveling the country and asking economists, futurists, labor leaders, CEOs, investment bankers, entrepreneurs, and political leaders to help picture the U.S. economy 25 to 30 years from now. He vividly reports on people

who are analyzing and creating this new economy--such as investment banker Steve Berkenfeld; David Cote, the CEO of Honeywell International; Andy Grove of Intel; Carl Camden, the CEO of Kelly Services; and Geoffrey Canada of the Harlem Children's Zone. Through these stories, we come to a stark and deeper understanding of the toll technological progress will continue to take on jobs and income and its inevitable effect on tens of millions of people. But there is hope for our economy and future. The foundation of economic prosperity for all Americans, Stern believes, is a universal basic income. The idea of a universal basic income for all Americans is controversial but American attitudes are shifting. Stern has been a game changer throughout his career, and his next goal is to create a movement that will force the political establishment to take action against something that many on both the right and the left believe is inevitable. Stern's plan is bold, idealistic, and challenging--and its time has come.

Enterprise API Management Springer Nature

'One of those who has been warning me of [a coming crisis] for a long time is Paul Gilding, the Australian environmental business expert. He has a name for this moment - when both Mother Nature and Father Greed have hit the wall at once - The Great Disruption.'-Thomas Friedman, The New York Times

[Handbook of Research on Managing Information Systems in Developing Economies](#) 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 Digital Transformation Playbook Columbia University Press

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".

A Compendium of Policy Briefs Springer

The Power of the API Economy Rethinking Disruption and Becoming a Digital Business IBM Press

Driving IT Innovation IGI Global

The organization pursuing digital transformation must embrace new ways to use and deploy integration technologies, so they can move quickly in a manner appropriate to the goals of multicloud, decentralization, and microservices. The integration layer must transform to allow organizations to move boldly in building new customer experiences, rather than forcing models for architecture and development that pull away from maximizing the organization's productivity. Many organizations have started embracing agile application techniques, such as microservice architecture, and are now seeing the benefits of that shift. This approach complements and accelerates an enterprise's API strategy. Businesses should also seek to use this approach to modernize their existing integration and messaging infrastructure to achieve more effective ways to manage and operate their integration services in their private or public cloud. This IBM® Redbooks® publication explores the merits of what we refer to as agile integration; a container-based, decentralized, and microservice-aligned approach for integration solutions that meets the demands of agility, scalability, and resilience required by digital transformation. It also discusses how the IBM Cloud Pak for Integration marks a significant leap forward in integration technology by embracing both a cloud-native approach and container technology to achieve the goals of agile integration. The target audiences for this book are cloud integration architects, IT specialists, and application developers.

Platform Revolution: How Networked Markets Are Transforming the Economy and How to Make Them Work for You Bloomsbury Publishing

A strategy and implementation guide for building, deploying, and managing APIs Key Features Comprehensive, end-to-end guide to business-driven enterprise APIs Distills years of experience with API and microservice strategies Provides detailed guidance on implementing API-led architectures in any business Book 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 learn Create API strategies to deliver business value Monetize APIs, promoting them through public marketplaces and directories Develop API-led architectures, applying best practice architecture patterns Choose between REST, GraphQL, and gRPC-style API architectures Manage APIs and microservices through the complete life cycle Deploy APIs and business products, as well as Target Operating Models Lead product-based organizations to embrace DevOps and focus on delivering business capabilities Who this book is for Architects, developers, and technology executives who want to deliver successful API strategies that bring business value.

Design and deliver valuable business APIs Springer Nature

A practical guide to the new economy that is transforming the way we live, work, and play. Uber. Airbnb. Amazon. Apple. PayPal. All of these companies disrupted their markets when they launched. Today they are industry leaders. What's the secret to their success? These cutting-edge businesses are built on platforms: two-sided markets that are revolutionizing the way we do business. Written by three of the most sought-after experts on platform businesses, Platform Revolution is the first authoritative, fact-based book on platform models. Whether platforms are connecting sellers and buyers, hosts and visitors, or drivers with people who need a ride, Geoffrey G. Parker, Marshall W. Van Alstyne, and Sangeet Paul Choudary reveal the what, how, and why of this revolution and provide the first "owner's manual" for creating a successful platform business. Platform Revolution teaches newcomers how to start and run a successful platform business, explaining ways to identify prime markets and monetize networks. Addressing current business leaders, the authors reveal strategies behind some of today's up-and-coming platforms, such as Tinder and SkillShare, and explain how traditional companies can adapt in a changing marketplace. The authors also cover essential issues concerning security, regulation, and consumer trust, while examining markets that may be ripe for a platform revolution, including healthcare, education, and energy. As digital networks increase in ubiquity, businesses that do a better job of harnessing the power of the platform will win. An indispensable guide, Platform Revolution charts out the brilliant future of platforms and reveals how they will irrevocably alter the lives and careers of millions.

How a Universal Basic Income Can Renew Our Economy and Rebuild the American Dream IT Revolution

Rethink your business for the digital age. Every business begun before the Internet now faces the same challenge: How to transform to compete in a digital economy? Globally recognized digital expert David L. Rogers argues that digital transformation is not about updating your technology but about upgrading your strategic thinking. Based on Rogers's decade of research and teaching at Columbia Business School, and his consulting for businesses around the world, The Digital Transformation Playbook shows how pre-digital-era companies can reinvigorate their game plans and capture the new opportunities of the digital world. Rogers shows why traditional businesses need to rethink their underlying assumptions in five domains of strategy—customers, competition, data, innovation, and value. He reveals how to harness customer networks, platforms, big data, rapid experimentation, and disruptive business models—and how to integrate these into your existing business and organization. Rogers illustrates every strategy in this playbook with real-world case studies, from Google to GE, from Airbnb to the New York Times. With practical frameworks and nine step-by-step planning tools, he distills the lessons of today's

greatest digital innovators and makes them usable for businesses at any stage. Many books offer advice for digital start-ups, but *The Digital Transformation Playbook* is the first complete treatment of how legacy businesses can transform to thrive in the digital age. It is an indispensable guide for executives looking to take their firms to the next stage of profitable growth.

Tax Theory Applied to the Digital Economy The Power of the API Economy Rethinking Disruption and Becoming a Digital Business 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 demands 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.

Unsettled Disruption: Step-by-Step Guide for Harnessing the Evolving Path of Purpose-Driven Innovation Diversion Books Disruption: Emerging Technologies and the Future of Work Disruption explores the impact of emerging technologies in career paths, including technologies such as 3D printing, alternative energies, autonomous vehicles, artificial intelligence, biotech, Internet of Things, nanotechnology, space exploration, super materials, robotics, and virtual reality. Written without technical jargon, Disruption guides the reader through a fascinating journey of the new world around the corner. Based on widely validated scientific facts, this book paints a picture of what the industry landscape will be like from 2020 onward. This is what readers of the draft manuscript are saying: "One of the best primers on emerging technology available anywhere." "A window into the work and career opportunities for the decade to come." "It is clear to me now that traditional career paths are about to experience some serious disruption." "A real eye opener." "A great tool for the global STEM movement." "A bit frightening, but inspiring nevertheless." "I wouldn't be surprised if this book is cited as the inspiration behind some prominent techies a few years down the road." Disruption is a must-read for entrepreneurs, business executives, parents, students, teachers, career guides, analysts, and anyone in an advisory or decision-making capacity.

Data Science, Statistical Modelling, and Machine Learning Methods MIT Press

Over the last 25 years, Geoffrey Moore has established himself as one of the most influential high-tech advisors in the world—once prompting Conan O'Brien to ask "Who is Geoffrey Moore and why is he more famous than me?" Following up on the ferociously innovative *ESCAPE VELOCITY*, which served as the basis for Moore's consulting work to such companies as Salesforce, Microsoft, and Intel, *ZONE TO WIN* serves as the companion playbook for his landmark guide, offering a practical manual to address the challenge large enterprises face when they seek to add a new line of business to their established portfolio. Focused on spurring next-generation growth, guiding mergers and

acquisitions, and embracing disruption and innovation, *ZONE TO WIN* is a high-powered tool for driving your company above and beyond its limitations, its definitions of success, and ultimately, its competitors. Moore's classic bestseller, *CROSSING THE CHASM*, has sold more than one million copies by addressing the challenges faced by start-up companies. Now *ZONE TO WIN* is set to guide established enterprises through the same journey. "For any company, regardless of size or industry, *ZONE TO WIN* is the playbook for succeeding in today's disruptive, connected, fast-paced business world." —Marc Benioff, CEO, Salesforce "Once again Geoffrey Moore weighs in with a prescient examination of what it takes to win in today's competitive, disruptive business environment." —Satya Nadella, CEO, Microsoft "With this book, Geoffrey Moore continues to lead us all through ever-changing times...His work has changed the game of changing the game!" —Gary Kovacs, CEO, AVG "ZONE TO WIN uses crystal-clear language to describe the management plays necessary to win in an ever-disrupting marketplace. Regardless of your level of management experience, you will find this book an invaluable tool for building long-term success for your business." —Lip-Bu Tan, President and CEO, Cadence Design Systems

Global Economic Prospects, June 2021 IBM Press

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!

Rethink Your Business for the Digital Age "O'Reilly Media, Inc."

Looking for Best Practices for RESTful APIs? This book is for you! Why? Because this book is packed with practical experience on what works best for RESTful API Design. You want to design APIs like a Pro? Use API description languages to both design APIs and develop APIs efficiently. The book introduces the two most

common API description languages RAML, OpenAPI, and Swagger. Your company cares about its customers? Learn API product management with a customer-centric design and development approach for APIs. Learn how to manage APIs as a product and how to follow an API-first approach. Build APIs your customers love! You want to manage the complete API lifecycle? An API development methodology is proposed to guide you through the lifecycle: API inception, API design, API development, API publication, API evolution, and maintenance. You want to build APIs right? This book shows best practices for REST design, such as the correct use of resources, URIs, representations, content types, data formats, parameters, HTTP status codes, and HTTP methods. Your APIs connect to legacy systems? The book shows best practices for connecting APIs to existing backend systems. Your APIs connect to a mesh of microservices? The book shows the principles for designing APIs for scalable, autonomous microservices. You expect lots of traffic on your API? The book shows you how to achieve high performance, availability and maintainability. You want to build APIs that last for decades? We study API versioning, API evolution, backward- and forward-compatibility and show API design patterns for versioning. The API-University Series is a modular series of books on API-related topics. Each book focuses on a particular API topic, so you can select the topics within APIs, which are relevant for you.

Changes Your Business Edward Elgar Publishing

The Building Cognitive Applications with IBM Watson Services series is a seven-volume collection that introduces IBM® Watson™ cognitive computing services. The series includes an overview of specific IBM Watson® services with their associated architectures and simple code examples. Each volume describes how you can use and implement these services in your applications through practical use cases. The series includes the following volumes: Volume 1 Getting Started, SG24-8387 Volume 2 Conversation, SG24-8394 Volume 3 Visual Recognition, SG24-8393 Volume 4 Natural Language Classifier, SG24-8391 Volume 5 Language Translator, SG24-8392 Volume 6 Speech to Text and Text to Speech, SG24-8388 Volume 7 Natural Language Understanding, SG24-8398 Whether you are a beginner or an experienced developer, this collection provides the information you need to start your research on Watson services. If your goal is to become more familiar with Watson in relation to your current environment, or if you are evaluating cognitive computing, this collection can serve as a powerful learning tool. This IBM Redbooks® publication, Volume 1, introduces cognitive computing, its motivating factors, history, and basic concepts. This volume describes the industry landscape for cognitive computing and introduces Watson, the cognitive computing offering from IBM. It also describes the nature of the question-answering (QA) challenge that is represented by the Jeopardy! quiz game and it provides a high-level overview of the QA system architecture (DeepQA), developed for Watson to play the game. This volume charts the evolution of the Watson Developer Cloud, from the initial DeepQA implementation. This book also introduces the concept of domain adaptation and the processes that must be followed to adapt the various Watson services to specific domains.

Leading Lean John Wiley & Sons

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application?

How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures

The FINTECH Book Greenleaf Book Group

The Phoenix Project wowed over a half-million readers. Now comes the Wall Street Journal Bestselling The Unicorn Project! "The Unicorn Project is amazing, and I loved it 100 times more than The Phoenix Project..."—FERNANDO CORNAGO, Senior Director Platform Engineering, Adidas "Gene Kim does a masterful job of showing how ... the efforts of many create lasting business advantages for all."—DR. STEVEN SPEAR, author of The High-Velocity Edge, Sr. Lecturer at MIT, and principal of HVE LLC. "The Unicorn Project is so clever, so good, so crazy enlightening!"—CORNELIA DAVIS, Vice President Of Technology at Pivotal Software, Inc., Author of Cloud Native Patterns This highly anticipated follow-up to the bestselling title The Phoenix Project takes another look at Parts Unlimited, this time from the perspective of software development. In The Unicorn Project, we follow Maxine, a senior lead developer and architect, as she is exiled to the Phoenix Project, to the horror of her friends and colleagues, as punishment for contributing to a payroll outage. She tries to survive in what feels like a heartless and uncaring bureaucracy and to work within a system where no one can get anything done without endless committees, paperwork, and approvals. One day, she is approached by a ragtag bunch of misfits who say they want to overthrow the existing order, to liberate developers, to bring joy back to technology work, and to enable the business to win in a time of digital disruption. To her surprise, she finds herself drawn ever further into this movement, eventually becoming one of the leaders of the Rebellion, which puts her in the crosshairs of some familiar and very dangerous enemies. The Age of Software is here, and another mass extinction event looms—this is a story about rebel developers and business leaders working together, racing against time to innovate, survive, and thrive in a time of unprecedented uncertainty...and opportunity. "The Unicorn Project provides insanely useful insights on how to improve your technology business."—DOMINICA DEGRANDIS, author of Making Work Visible and Director of Digital Transformation at Tasktop ——— "My goal in writing The Unicorn Project was to explore and reveal the necessary but invisible structures required to make developers (and all engineers) productive, and reveal the devastating effects of technical debt and complexity. I hope this book can create common ground for technology and business leaders to leave the past behind, and co-create a better future together."—Gene Kim, November 2019

Accelerating Modernization with Agile Integration O'Reilly Media

"The reader will learn about key developments in the industry and obtain insights of cutting-edge practitioners whether entrepreneurs, investors, or advisors in the retail/commercial banking/investment banking and asset management space"--