The API Economy: Disruption And The Business Of APIs

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.
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.

Research for this publication began in the wake of elections that saw the re-election of President Muhammadu Buhari, who was sworn in on May 2019. The result brought an end to a period of political uncertainty and added new vigor to Africa's largest economy. Nevertheless, despite this new-found stability, Nigeria is still struggling to overcome the impact of years of recession, not to mention the challenges of the low oil price environment and the effects of COVID-19 mitigation measures. This 188-page publication covers finance, gas and power, oil and exploration, industry, IT and telecoms, transport, construction, real estate, agriculture, health, entertainment, and tourism.

In recent years, API adoption has exploded among developers, for reasons that this book will examine. But the purpose of this book is not to discuss how to deliver an API but to rather how to scale the business side to meet this rising developer demand. Written by someone with an engineering and a business background, The Business of APIs also aims to bridge the technical and the business aspects of API development.This book serves to help people understand what APIs are, who uses them, and the different types of APIs that are available. As the title suggests, this is a business-oriented book. Nonetheless it does seek to educate users about what types of technologies go into popular Web APIs. The book also surveys the history of modern Web APIs and examines how they've been used successfully.If you are considering launching an API, this book should help you understand the common stumbling blocks that have been faced by many API owners -- then hopefully you can avoid them. The book will also identify common building blocks used by API owners, building blocks that should be fundamental for your API planning and development.The Business of APIs highlights what it takes to be successful in providing quality Web APIs and points to some of the innovative steps new businesses are taking with their APIs -- all in an effort to build vibrant API ecosystems and healthy businesses.

Developments in Information & Knowledge Management for Business Applications

Knowledge Integration Strategies for Entrepreneurship and Sustainability

Business of APIs

The Swedish Route to the Future of Cash Payments

Coordination Models and Languages

Redefining Growth in the Twenty-First Century

Recent Policy Has Increased Costs to Consumers But Not Overall U.S. Energy Security : Report Prepared by the Minority Staff of the Permanent Subcommittee Investigations of the Committee on Governmental Affairs, United States Senate

Across the globe, Google, Amazon, Facebook, Apple and Microsoft have accumulated power in ways that existing regulatory and intellectual frameworks struggle to comprehend. A consensus is emerging that the power of these new digital monopolies is unprecedented, and that it has important implications for journalism, politics, and society. It is increasingly clear that democratic societies require new legal and conceptual tools if they are to adequately understand, and if necessary check the

economic might of these companies. Equally, that we need to better comprehend the ability of such firms to control personal data and to shape the flow of news, information, and public opinion. In this volume, Martin Moore and Damian Tambini draw together the world's leading researchers to examine the digital dominance of technologies platforms and look at the evidence behind the rising tide of criticism of the tech giants. In fifteen chapters, the authors examine the economic, political, and social impacts of Google, Amazon, Facebook, Apple, and Microsoft, in order to understand the different facets of their power and how it is manifested. Digital Dominance is the first interdisciplinary volume on this topic, contributing to a conversation which is critical to maintaining the health of democracies across the world.

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.

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

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.

What's Yours is Mine
How the Climate Crisis Will Transform the Global Economy
The Design of Web APIs
The Great Disruption
Handbook of Computational Social Science, Volume 2
Strategy in the Age of Digital Competition, Innovation, and Power
Federal Register

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.

From September to November of 1997, raging fires in Indonesia pumped enough smoke into the air to blanket the entire region in haze, reaching as far north as southern Thailand and the Philippines, with Malaysia and Singapore being particularly affected. This book conservatively assesses the damage at US $4.5 billion, more than the Exxon Valdez oil spill and India's Bhopal chemical spill combined. It looks at the causes of the fires, the physical damages that resulted, and their effects on heath, industrial production, and tourism, among others.

The basic rules of REST APIs - "many nouns, few verbs, stick with HTTP" - seem easy, but that simplicity and power require discipline to work smoothly. This brief guide provides next steps for implementing complex projects on simple and extensible foundations.

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.

Managing Oil and Gas Resources in an Era of Price Instability
Enterprise API Management
Digital Dominance
Hearing Before the Subcommittee on Energy and Power of the Committee on Commerce, House of Representatives, One Hundred Sixth Congress, First Session, September 23, 1999
Contextual and Conscious Banking
The Big Ideas Behind Reliable, Scalable, and Maintainable Systems
The REGTECH Book
The economic analysis of the digital economy has been a rapidly

developing research area for more than a decade. Through authoritative examination by leading scholars, this handbook takes a closer look at particular industries, business practices, and policy issues associated with the digital industry. The volume offers an up-to-date account of key topics, discusses open questions, and provides guidance for future research. It offers a blend of theoretical and empirical works that are central to understanding the digital economy. The chapters are presented in four sections, corresponding with four broad themes: 1) infrastructure, standards, and platforms; 2) the transformation of selling, encompassing both the transformation of traditional selling and new, widespread application of tools such as auctions; 3) user-generated content; and 4) threats in the new digital environment. The first section covers infrastructure, standards, and various platform industries that rely heavily on recent developments in electronic data storage and transmission, including software, video games, payment systems, mobile telecommunications, and B2B commerce. The second section takes account of the reduced costs of online retailing that threatens offline retailers, widespread availability of information as it affects pricing and advertising, digital technology as it allows the widespread employment of novel price and non-price strategies (bundling, price discrimination), and auctions. The third section addresses the emergent phenomenon of user-generated content on the Internet, including the functioning of social networks and open source. The fourth section discusses threats arising from digitization and the Internet, namely digital piracy, privacy, and security concerns.

A Good Disruption describes how disruptive technology can be used to combat the economic challenges of our age - faltering growth, rising inequality and environmental depletion - and sets out an inspirational vision of a more effective and sustainable growth model.

This book provides practical knowledge on different aspects of information and knowledge management in businesses. For enterprises/businesses those intend to remain prosperous and prolific, it is critically important to share best practices, ensure efficient information flow across company, capturing shared knowledge centrally, and communicate compliance rules, i.e. managing competently information in general. It enables faster and better decisions by helping employees' to build a strong expertise and by avoiding duplicated projects. Thus, the second volume of this series subline continues to explore different aspects of information and knowledge handling as well as doing business with information. We survey further the key aspects of managerial implications of the informational business. The novel methodologies and practices for the

business information processing as well as application of mathematical models to the business analytics and efficient management are examined.
'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
API Economy 101
The Power of Google, Amazon, Facebook, and Apple
The Oxford Handbook of the Digital Economy
The Business of Platforms
The Unicorn Project
Data Science, Statistical Modelling, and Machine Learning Methods
The Power of the API Economy

Discover the future of the financial services industry with this insightful new resource on Contextual and Conscious Banking In Banks and Fintech on Platform Economies: Contextual and Conscious Banking, accomplished fintech professional and author Paolo Sironi delivers an insightful examination of how platform theory, born outside of financial services, will make its way inside banking and financial markets to radically transform the way firms do business. You'll learn why the financial services industry must master the necessary shift of focus from selling business outputs to selling client outcomes. You'll also discover how to steer the industry towards new forms of digital transformation underpinned by Contextual Banking and Conscious Banking platform strategies that will benefit stakeholders of all kinds. This important book: Describes the shift in mindset necessary to help banks strengthen and extend the reach of their Banking-as-a-Service and Banking-as-a-Platform operations. Shows how a renewed interpretation of fundamental uncertainty inspires the usage of exponential technologies to achieve architectural resilience, and open the reference theory to spring new business models centered on clients' and ecosystems' antifragility. Financial services industry can break-out from a narrow space of value-generation to reclaim top spot against bigtech contenders, enjoying greater flexibility and adaptability at lower digital costs Perfect for CEOs, business leaders, regulators, fintech entrepreneurs, wealth managers, behavioral finance researchers and professionals working at financial technology companies, Banks and Fintech on Platform Economieswill also earn a place in the libraries of bankers seeking a firm grasp of the rapidly evolving outcome economy and a view about the future of the industry.
Information is considered essential in every business model. Effective usage of this information to direct goals and drive missions can lead to successful enterprises. Knowledge Integration Strategies for Entrepreneurship and

Sustainability is a critical reference source that expounds upon the critical methods in which new information is integrated into existing models for starting new companies and the ways in which these models interact and affect each other. Featuring coverage on a broad range of topics, such as tacit knowledge utilization, knowledge retention in small and medium-sized enterprises (SMEs), and knowledge dynamics in supply chain management, this book is geared toward academicians, researchers, and students seeking current research on the effect of information management in the interdisciplinary world of business creation as well as enterprise stability and longevity.

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.

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.

Volume 2

REST API Design Rulebook
A Novel about Developers, Digital Disruption, and Thriving in the Age of Data
The Financial Technology Handbook for Investors, Entrepreneurs and
Visionaries in Regulation
Changes Your Business
The FINTECH Book
Software Business

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".

Digital transformation is not about technology--it's about change. In the rapidly changing digital economy, you can't succeed by merely tweaking management practices that led to past success. And yet, while many leaders and managers recognize the threat from digital--and the potential opportunity--they lack a common language and compelling framework to help them assess it and guide them in responding. They don't know how to think about their digital business model. In this concise, practical book, MIT digital research leaders Peter Weill and Stephanie Woerner provide a powerful yet straightforward framework that has been field-tested globally with dozens of senior management teams. Based on years of study at the MIT Center for Information Systems Research (CISR), the authors find that digitization is moving companies' business models on two dimensions: from value chains to digital ecosystems, and from a fuzzy understanding of the needs of end customers to a sharper one. Looking at these dimensions in combination results in four distinct business models, each with different capabilities. The book then sets out six driving questions, in separate chapters, that help managers and executives clarify where they are currently in an increasingly digital business landscape and highlight what's needed to move toward a higher-value digital business model. Filled with straightforward self-assessments, motivating examples, and sharp financial analyses of where profits are made, this smart book will help you tackle the threats, leverage the opportunities, and create winning digital strategies.

The Building Cognitive Applications with IBM Watson Services series is a seven-volume

collection that introduces IBM® WatsonTM 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.

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.

What's Your Digital Business Model?
Hearing Before the Subcommittee on Coast Guard and Navigation of the Committee on Merchant Marine and Fisheries, House of Representatives, One Hundred Third Congress, Second Session ... July 21, 1994
22nd IFIP WG 6.1 International Conference, COORDINATION 2020, Held as Part of the 15th International Federated Conference on Distributed Computing Techniques, DisCoTec 2020, Valletta, Malta, June 15–19, 2020, Proceedings
Environmental Impact Statement
U.S. Strategic Petroleum Reserve
Building a Cashless Society
Designing Data-Intensive Applications

Web APIs are everywhere, giving developers an efficient way to interact with applications, services, and data. Well-designed APIs are a joy to use; poorly-designed APIs are cumbersome, confusing, and frustrating. The Design of Web APIs is a practical, example packed guide to crafting extraordinary web APIs. Author Arnaud Lauret demonstrates fantastic design principles and techniques you can apply to both public and private web APIs. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning

Publications.
"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"--
This open access book tells the story of how Sweden is becoming a
virtually cashless society. Its goal is to improve readers'
understanding of what is driving this transition, and of the factors
that are fostering and hampering it. In doing so, the book covers the
role of central banks, political factors, needs for innovation, and
the stakeholders involved in developing a cashless ecosystem. Adopting
a historical standpoint, and drawing on a unique dataset, it presents
an academic perspective on Sweden's leading role in this global trend.
The global interest in the future of cash payments makes the Swedish
case particularly interesting. As a country that is close to becoming
a cashless economy, it offers a role model for many other countries to
learn from – whether they want to stimulate or reduce the use of cash.
This highly topical book will be of interest to politicians,
researchers, businesses, financial service providers and payment
service providers, as well as fintech start-ups, regulators and other
authorities.
The Power of the API EconomyRethinking Disruption and Becoming a
Digital BusinessIBM Press
Accelerating Modernization with Agile Integration
Global Fintech
Banks and Fintech on Platform Economies

The Cost of Catastrophe
Vessel Certificates of Financial Responsibility
A Good Disruption

**A trio of experts on high-tech business strategy and innovation reveal the
principles that have made platform businesses the most valuable firms in
the world and the first trillion-dollar companies. Managers and
entrepreneurs in the digital era must learn to live in two worlds—the
conventional economy and the platform economy. Platforms that operate
for business purposes usually exist at the level of an industry or
ecosystem, bringing together individuals and organizations so they can
innovate and interact in ways not otherwise possible. Platforms create
economic value far beyond what we see in conventional companies. The
Business of Platforms is an invaluable, in-depth look at platform strategy
and digital innovation. Cusumano, Gawer, and Yoffie address how a small
number of companies have come to exert extraordinary influence over
every dimension of our personal, professional, and political lives. They
explain how these new entities differ from the powerful corporations of the
past. They also question whether there are limits to the market dominance
and expansion of these digital juggernauts. Finally, they discuss the role
governments should play in rethinking data privacy laws, antitrust, and**

other regulations that could reign in abuses from these powerful businesses. Their goal is to help managers and entrepreneurs build platform businesses that can stand the test of time and win their share of battles with both digital and conventional competitors. As experts who have studied and worked with these firms for some thirty years, this book is the most authoritative and timely investigation yet of the powerful economic and technological forces that make platform businesses, from Amazon and Apple to Microsoft, Facebook, and Google—all dominant players in shaping the global economy, the future of work, and the political world we now face.

How the global financial services sector has been transformed by artificial intelligence, data science, and blockchain. Artificial intelligence, big data, blockchain, and other new technologies have upended the global financial services sector, creating opportunities for entrepreneurs and corporate innovators. Venture capitalists have helped to fund this disruption, pouring nearly $500 billion into fintech over the last five years. This book offers global perspectives on technology-fueled transformations in financial services, with contributions from a wide-ranging group of academics, industry professionals, former government officials, and current government advisors. They examine not only the struggles of rich countries to bring the old analog world into the new digital one but also the opportunities for developing countries to "leapfrog" directly into digital. The book offers accessible explanations of blockchain and distributed ledger technology and explores big data analytics. It considers, among other things, open banking, platform-based strategies for banks, and digital financial services. Case studies imagine possible future fintech-government interaction, emphasizing that legal and regulatory frameworks can help to create trust in financial processes. The contributors offer novel takes and unexpected insights that will be of interest to fintech experts and nonexperts alike. Contributors Ajay Bhalla, Michelle Chivunga, John D'Agostino, Mark Flood, Amias Moore Gerety, Oliver R. Goodenough, Thomas Hardjono, Sharmila Kassam, Boris Khentov, Alexander Lipton, Lev Menand, Pinar Ozcan, Alex Pentland, Matthew Reed, David L. Shrier, Markos Zachariadis

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!

This book constitutes the proceedings of the 22nd International Conference on Coordination Models and Languages, COORDINATION 2020, which was due to be held in Valletta, Malta, in June 2020, as part of the 15th International Federated Conference on Distributed Computing Techniques, DisCoTec 2020. The conference was held virtually due to the COVID-19 pandemic. The 12 full papers and 6 short papers included in this volume were carefully reviewed and selected from 30 submissions. They are presented in this volume together with 2 invited tutorials and 4 tool papers. The papers are organized in the following topical sections: tutorials; coordination languages; message-based communication; communications: types & implementations; service-oriented computing; large-scale decentralized systems; smart contracts; modelling; verification & analysis.

Handbook of Research on Managing Information Systems in Developing Economies

Indonesia's Fires and Haze

Financial Innovation in the Connected World

The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries

Platform Revolution: How Networked Markets Are Transforming the Economyand How to Make Them Work for You

Arctic National Wildlife Refuge (N.W.R.), Coastal Plain Resource Assessment

Fostering Collaborative Data Exchange Using Semantic Data Models In The European Goods Transport Industry

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 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?

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.

12th International Conference, ICSOB 2021, Drammen, Norway, December 2–3, 2021, Proceedings

Building Cognitive Applications with IBM Watson Services: Volume 1 Getting Started

against the sharing economy

XP 2020 Workshops, Copenhagen, Denmark, June 8–12, 2020, Revised Selected Papers

Design and deliver valuable business APIs

Rethinking Disruption and Becoming a Digital Business

Six Questions to Help You Build the Next-Generation Enterprise