

business process automation examples

Business Process Automation Examples: Streamlining Your Workflow for Success

Introduction:

Unlocking Efficiency and Growth with Business Process Automation (BPA)

In today's fast-paced business environment, efficiency and productivity are paramount. Business Process Automation (BPA) offers a powerful solution, streamlining operations and freeing up valuable resources. This article delves into practical business process automation examples across various industries, showcasing how BPA can transform your organization and drive significant growth. We'll explore diverse applications, highlighting the benefits and considerations for successful implementation.

Article Outline:

- I. Defining Business Process Automation (BPA) and its core benefits
- II. Examples of BPA in Different Industries:
 - a. Manufacturing and Supply Chain Management
 - b. Customer Relationship Management (CRM)
 - c. Human Resources (HR)
 - d. Finance and Accounting
 - e. Marketing and Sales
- III. Choosing the Right BPA Tools and Technologies
- IV. Implementing BPA: A Step-by-Step Guide
- V. Overcoming Challenges in BPA Implementation
- VI. Measuring the Success of Your BPA Initiatives

Article Body:

- I. Defining Business Process Automation (BPA) and its core benefits

Understanding Business Process Automation

Business Process Automation (BPA) involves using technology to automate repetitive, manual tasks within an organization. This improves efficiency, reduces errors, and frees up employees to focus on more strategic initiatives.

Key Benefits of BPA Implementation

The benefits of BPA are multifaceted, including increased productivity, reduced operational costs, improved accuracy, enhanced customer satisfaction, and better data-driven decision-making. Automating processes allows for faster turnaround times, leading to a competitive advantage.

II. Examples of BPA in Different Industries:

a. Manufacturing and Supply Chain Management

Automating Inventory Management in Manufacturing

In manufacturing, BPA can automate inventory management, tracking stock levels in real-time and optimizing ordering processes to prevent shortages or overstocking. This leads to cost savings and improved production efficiency.

Streamlining Supply Chain Logistics

BPA also streamlines supply chain logistics through automated order processing, shipment tracking, and delivery management. This ensures timely delivery and enhances customer satisfaction.

b. Customer Relationship Management (CRM)

Automating Customer Service Interactions

In CRM, BPA can automate customer service interactions through chatbots and automated email responses, handling routine inquiries efficiently and freeing up human agents for more complex issues.

Personalizing Customer Communication

BPA enables personalized customer communication through automated email marketing campaigns and targeted offers based on customer data, leading to improved customer engagement and loyalty.

c. Human Resources (HR)

Automating Recruitment Processes

In HR, BPA can automate recruitment processes, from job posting and applicant screening to interview scheduling and onboarding. This speeds up the hiring process and improves candidate experience.

Streamlining Payroll and Benefits Administration

BPA can automate payroll and benefits administration, reducing manual data entry errors and ensuring timely and accurate payments. This frees up HR staff to focus on strategic HR initiatives.

d. Finance and Accounting

Automating Invoice Processing and Payments

In finance and accounting, BPA can automate invoice processing and payments, reducing manual data entry and improving accuracy. This minimizes errors and accelerates cash flow.

Automating Financial Reporting and Analysis

BPA also automates financial reporting and analysis, providing real-time insights into financial performance and enabling proactive decision-making.

e. Marketing and Sales

Automating Lead Generation and Qualification

In marketing and sales, BPA can automate lead generation and qualification, identifying and prioritizing potential customers based on predefined criteria.

Automating Sales Follow-up and Reporting

BPA streamlines sales follow-up and reporting, ensuring timely communication with prospects and providing valuable insights into sales performance.

III. Choosing the Right BPA Tools and Technologies

Selecting Appropriate BPA Software

Choosing the right BPA software is crucial. Consider factors such as scalability, integration with existing systems, ease of use, and cost-effectiveness.

Integrating with Existing Systems for Seamless Workflow

Seamless integration with existing systems is essential for a smooth BPA implementation. This minimizes disruptions and maximizes efficiency.

IV. Implementing BPA: A Step-by-Step Guide

Identifying Processes for Automation

Start by identifying processes ripe for automation. Focus on repetitive, manual tasks that are prone to errors.

Mapping Out Processes and Defining Automation Rules

Clearly map out the processes you want to automate, defining the rules and logic for automation.

Testing and Refinement of Automated Processes

Thoroughly test the automated processes to identify and resolve any issues before full implementation.

V. Overcoming Challenges in BPA Implementation

Addressing Resistance to Change

Addressing employee resistance to change is a crucial aspect of successful BPA implementation. Provide adequate training and support.

Ensuring Data Security and Compliance

Data security and compliance are critical considerations when implementing BPA. Choose secure and compliant tools and technologies.

VI. Measuring the Success of Your BPA Initiatives

Tracking Key Performance Indicators (KPIs)

Tracking KPIs such as processing time, error rates, and cost savings allows you to measure the success of your BPA initiatives.

Regularly Evaluating and Refining Processes

Regularly evaluate and refine your automated processes to ensure ongoing efficiency and effectiveness.

Conclusion:

Business process automation is no longer a luxury but a necessity for organizations striving for efficiency and growth. By strategically implementing BPA, businesses across various sectors can significantly improve operations, reduce costs, and gain a competitive edge. The examples presented illustrate the broad applicability of BPA, empowering organizations to transform their workflows and achieve unprecedented levels of success.

Frequently Asked Questions (FAQs):

Q: What is the cost of implementing BPA? A: The cost varies significantly depending on the complexity of the processes being automated and the chosen software.

Q: How long does it take to implement BPA? A: The implementation timeline depends on the complexity of the project and can range from a few weeks to several months.

Q: What are the potential risks associated with BPA? A: Potential risks include implementation challenges, integration issues, and the need for employee retraining.

Q: Is BPA suitable for all businesses? A: While most businesses can benefit from BPA, the suitability depends on the size and nature of the business and the specific processes involved.

Related Keywords:

business process automation, BPA, workflow automation, process automation software, automation tools, efficiency, productivity, cost savings, ROI, CRM automation, HR

automation, supply chain automation, manufacturing automation, finance automation, marketing automation, sales automation, RPA, robotic process automation, intelligent automation, digital transformation.

business process automation examples: Practical Process Automation Bernd Ruecker, 2021-03-16 In today's IT architectures, microservices and serverless functions play increasingly important roles in process automation. But how do you create meaningful, comprehensive, and connected business solutions when the individual components are decoupled and independent by design? Targeted at developers and architects, this book presents a framework through examples, practical advice, and use cases to help you design and automate complex processes. As systems are more distributed, asynchronous, and reactive, process automation requires state handling to deal with long-running interactions. Author Bernd Ruecker demonstrates how to leverage process automation technology like workflow engines to orchestrate software, humans, decisions, or bots. Learn how modern process automation compares to business process management, service-oriented architecture, batch processing, event streaming, and data pipeline solutions Understand how to use workflow engines and executable process models with BPMN Understand the difference between orchestration and choreography and how to balance both

business process automation examples: Modern Business Process Automation Arthur H. M. ter Hofstede, Wil M. P. van der Aalst, Michael Adams, Nick Russell, 2009-11-18 The field of Business Process Management (BPM) is marred by a seemingly endless sequence of (proposed) industry standards. Contrary to other fields (e.g., civil or electronic engineering), these standards are not the result of a widely supported consolidation of well-understood and well-established concepts and practices. In the BPM domain, it is frequently the case that BPM vendors opportunistically become involved in the creation of proposed standards to exert or maintain their influence and interests in the field. Despite the initial fervor associated with such standardization activities, it is no less frequent that vendors either choose to drop their support for standards that they earlier championed on an opportunistic basis or elect only to partially support them in their commercial offerings. Moreover, the results of the standardization processes themselves are a concern. BPM standards tend to deal with complex concepts, yet they are never properly defined and all-too-often not informed by established research. The result is a plethora of languages and tools, with no consensus on concepts and their implementation. They also fail to provide clear direction in the way in which BPM standards should evolve. One can also observe a dichotomy between the "business" side of BPM and its "technical" side. While it is clear that the application of BPM will fail if not placed in a proper business context, it is equally clear that its application will go nowhere if it remains merely a motivational exercise with schemas of business processes hanging on the wall gathering dust.

business process automation examples: BUSINESS PROCESS AUTOMATION SANJAY MOHAPATRA, 2009-01-01 This book discusses the major trends in Business Process Automation (BPA) and explains how BPA technologies and tools are applied in practice. It introduces the students to the concepts of BPA and describes the need for automation in business process management. The book illustrates live examples of different functions of an enterprise where automation has been successfully implemented to reap business benefits. It elaborates the applications of BPA in various sectors such as HR and payroll, marketing, e-governance, knowledge management and banking. The text also discusses in detail the role of Chief Information Officer (CIO) as a change agent for designing and implementing automation initiatives. Return-on-Investment (ROI) calculations have been shown as a business case for automating business processes. Evaluation criteria for deciding which software package to be implemented have been thoroughly explained. Key Features : Provides case studies at the end of all chapters to help the students for easy understanding of the concepts discussed. Includes chapter-end questions to test students' comprehension of the subject. Presents a glossary of technical terms. The book is

designed for the postgraduate students of management. It would be useful for the professionals and practitioners for implementation of process automation in organizations as well.

business process automation examples: Business Process Automation August-Wilhelm Scheer, Ferri Abolhassan, Wolfram Jost, Mathias Kirchmer, 2012-11-07 Enterprises have to adapt their business processes quickly and efficiently to new business environments to ensure business success and long term survival. It is not sufficient to apply best business practices but new practices have to be developed and executed. These requirements are met by new business process automation technologies, based on concepts like web services, EAI, workflow, enterprise service architectures, and automation engines. Business process automation becomes a key enabler for business process excellence. This book explains major trends in business process automation and shows how new technologies and solutions are applied in practice. It outlines how process automation becomes an element of an overall process lifecycle management approach, structured on the basis of the ARIS House of business excellence and implemented through software tools like the ARIS toolset.

business process automation examples: Software Process Automation Alan M. Christie, 2012-12-06 Process automation provides a means to integrate people in a software development organization with the development process and the tools supporting that development. This new technology may significantly improve software quality and development productivity. However, as yet there is little practical experience in its day-to-day use. This book is for those who wish to explore the technology or are considering its adoption. The monograph discusses the underlying concepts, reviews in some detail two of the major process automation products, relates process automation to process improvement, and provides adoption guidelines. Special emphasis is on the process modeling language ProNet which is commercially available. The book is enriched by numerous examples, tables, and technical appendices.

business process automation examples: Business Process Automation with Salesforce Flows Srini Munagavalasa, 2023-12-15 Create seamless and structured workflows that can streamline complicated business processes with this comprehensive BPA book Key Features Explore business processes for automation to add value for your business users Analyze, evaluate, and devise effective ways to implement automation through Salesforce Flows Become an expert in flow orchestration and compose complex business processes using real-world examples, tips, and tricks Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionThe low adoption of most IT projects often stems from a lack of business process automation. While business users get the functionality they need, the excessive manual steps involved in execution impede efficiency. Business Process Automation with Salesforce Flows will address this issue by helping you recognize the need for automation and guiding you through automating such processes. This book starts by quickly exploring various aspects of process automation using Salesforce Flows, covering flow nuts and bolts, flow structure, flow execution order, and different types of flows, as well as troubleshooting techniques to manage your processes using the Flow Builder tool. You'll then become acquainted with the Flow Orchestration tool, which enables you to compose and orchestrate complex business processes. Through real-world scenarios, you'll learn how to effectively automate business processes, follow the end-to-end business process flow, automate it using flow orchestration, and learn how to demystify and simplify business process automation. By the end of this book, you'll be proficient in seamlessly automating your business processes without any hassle. What you will learn Gain insights into gathering business requirements and identifying automation needs Identify opportunities for improving business process flows Translate critical steps in the business process flow and automate them using Flow Builder Identify different types of Salesforce Flows tailored to various scenarios Optimize and troubleshoot Salesforce Flows for increased efficiency Discover ways to implement complex business process automation through flow orchestration Who this book is for This book is for system administrators, technical team members, and business analysts with a solid understanding of the Salesforce CRM software who want to effectively automate business processes using Salesforce Flows. Administrative-level Salesforce

experience, along with some technical experience working with automation tools like Workflow, Process Builder, and Flows, will facilitate a better comprehension of the concepts covered in this book.

business process automation examples: Hyperautomation Matt Calkins, Neil Ward-Dutton, George Westerman, Lakshmi N, Sidney Fernandes, Alice Wei, Chris Skinner, Isaac Sacolick, John Rymer, Lisa Heneghan, Darren Blake, Rob Galbraith, Ron Tolido, Michael Beckley, 2020-11-20 HYPERAUTOMATION is a collection of expert essays on low-code development and the future of business process automation. In each chapter, an academic, analyst, implementer, or end-user examines different aspects of low-code and automation in the enterprise, clarifying both value and barriers through personal experiences and insights. With contributions from: Dr. George Westerman, MIT - Neil Ward-Dutton, IDC - Lakshmi N, Tata Consultancy Services - Sidney Fernandes & Alice Wei, University of South Florida - Lisa Heneghan, KPMG - Chris Skinner, FinTech expert - John R. Rymer, Forrester (Emeritus) - Isaac Sacolick, StarCIO - Darren Blake, Bexley Neighbourhood Care - Rob Galbraith, InsureTech expert - Ron Tolido, Capgemini - Michael Beckley, Appian All proceeds from the sale of this book will be donated to Black Girls Code, an organization providing young girls of color opportunities to learn in-demand skills in technology and computer programming.

business process automation examples: Robotic Process Automation Projects Nandan Mullakara, Arun Kumar Asokan, 2020-05-26 Learn RPA by building business solutions such as ERP and CRM automation, software robots, and intelligent process automation from scratch Key FeaturesUse popular RPA tools Automation Anywhere A2019 and UiPath, for real-world task automationBuild automation solutions for domains such as System Administration, Finance, HR, Supply Chain, and Customer RelationsExtend your RPA capabilities by implementing Intelligent process automation with APIs and AIBook Description Robotic Process automation helps businesses to automate monotonous tasks that can be performed by machines. This project-based guide will help you progress through easy to more advanced RPA projects. You'll learn the principles of RPA and how to architect solutions to meet the demands of business automation, along with exploring the most popular RPA tools - UiPath and Automation Anywhere. In the first part, you'll learn how to use UiPath by building a simple helpdesk ticket system. You'll then automate CRM systems by integrating Excel data with UiPath. After this, the book will guide you through building an AI-based social media moderator using Google Cloud Vision API. In the second part, you'll learn about Automation Anywhere's latest Cloud RPA platform (A2019) by creating projects such as an automated ERP administration system, an AI bot for order and invoice processing, and an automated emergency notification system for employees. Later, you'll get hands-on with advanced RPA tasks such as invoking APIs, before covering complex concepts such as Artificial Intelligence (AI) and machine learning in automation to take your understanding of RPA to the next level. By the end of the book, you'll have a solid foundation in RPA with experience in building real-world projects. What you will learnExplore RPA principles, techniques, and tools using an example-driven approachUnderstand the basics of UiPath by building a helpdesk ticket generation systemAutomate read and write operations from Excel in a CRM system using UiPathBuild an AI-based social media moderator platform using Google Cloud Vision API with UiPathExplore how to use Automation Anywhere by building a simple sales order processing systemBuild an automated employee emergency reporting system using Automation AnywhereTest your knowledge of building an automated workflow through fun exercisesWho this book is for This RPA book is for enterprise application developers, software developers, business analysts, or any professional who wants to implement RPA across various domains of the business. The book assumes some understanding of enterprise systems. Computer programming experience will also be beneficial.

business process automation examples: Fundamentals of Business Process Management Marlon Dumas, Marcello La Rosa, Jan Mendling, Hajo A. Reijers, 2018-03-23 This textbook covers the entire Business Process Management (BPM) lifecycle, from process identification to process monitoring, covering along the way process modelling, analysis, redesign

and automation. Concepts, methods and tools from business management, computer science and industrial engineering are blended into one comprehensive and inter-disciplinary approach. The presentation is illustrated using the BPMN industry standard defined by the Object Management Group and widely endorsed by practitioners and vendors worldwide. In addition to explaining the relevant conceptual background, the book provides dozens of examples, more than 230 exercises – many with solutions – and numerous suggestions for further reading. This second edition includes extended and completely revised chapters on process identification, process discovery, qualitative process analysis, process redesign, process automation and process monitoring. A new chapter on BPM as an enterprise capability has been added, which expands the scope of the book to encompass topics such as the strategic alignment and governance of BPM initiatives. The textbook is the result of many years of combined teaching experience of the authors, both at the undergraduate and graduate levels as well as in the context of professional training. Students and professionals from both business management and computer science will benefit from the step-by-step style of the textbook and its focus on fundamental concepts and proven methods. Lecturers will appreciate the class-tested format and the additional teaching material available on the accompanying website.

business process automation examples: *Workflow Automation with Microsoft Power Automate* Aaron Guilmette, 2020-09-18 Find our new updated edition to get the latest industry knowledge at your disposal Key Features Learn the latest in Power Automate with updated user interface visuals and new technology included Apply practical knowledge like managing user inputs, documents, approvals, and database storage Create flows that integrate with services both inside and outside the Microsoft 365 ecosystem Book Description Microsoft Power Automate is a workflow automation solution included in Microsoft 365. This book explores the core concepts of workflow automation, such as working with connectors, triggers, and actions, along with their practical implementation in automating business tasks and simplifying digital processes to boost enterprise productivity. What you will learn Learn the basic building blocks of Power Automate capabilities Explore connectors in Power Automate to automate email workflows Discover how to make a flow for copying files between cloud services Configure Power Automate Desktop flows for your business needs Build on examples to create complex database and approval flows Connect common business applications like Outlook, Forms, and Teams Learn the introductory concepts for robotic process automation Discover how to use AI sentiment analysis Who this book is for The book is for technologists, system administrators, and Power users with little or no Microsoft Power Automate experience. Familiarity with basic Microsoft 365 services is expected.

business process automation examples: *Business Trends in Practice* Bernard Marr, 2021-11-15 WINNER OF THE BUSINESS BOOK OF THE YEAR AWARD 2022! Stay one step ahead of the competition with this expert review of the most impactful and disruptive business trends coming down the pike Far from slowing down, change and transformation in business seems to come only at a more and more furious rate. The last ten years alone have seen the introduction of groundbreaking new trends that pose new opportunities and challenges for leaders in all industries. In *Business Trends in Practice: The 25+ Trends That Are Redefining Organizations*, best-selling business author and strategist Bernard Marr breaks down the social and technological forces underlying these rapidly advancing changes and the impact of those changes on key industries. Critical consumer trends just emerging today—or poised to emerge tomorrow—are discussed, as are strategies for rethinking your organisation's product and service delivery. The book also explores: Crucial business operations trends that are changing the way companies conduct themselves in the 21st century The practical insights and takeaways you can glean from technological and social innovation when you cut through the hype Disruptive new technologies, including AI, robotic and business process automation, remote work, as well as social and environmental sustainability trends *Business Trends in Practice: The 25+ Trends That Are Redefining Organizations* is a must-read resource for executives, business leaders and managers, and business development and innovation leads trying to get – and stay – on top of changes and disruptions that are right around the corner.

business process automation examples: *Automate It with Zapier* Kelly Goss, Cody Jones,

2021-08-25 Build easy and accessible solutions for automating mundane processes in marketing, sales, operations, and finance to enable teams to focus on core tasks

Key Features Learn Zapier and find solutions to specific problems with this comprehensive yet concise guide Explore various scenarios describing specific business problems and how they can be solved with Zapier Discover expert tips and practical examples to harness the full potential of Zapier

Book Description Zapier is an emerging no-code workflow automation technology that enables organizations to connect their cloud-based and web applications and automate data transfer between them. Zapier's built-in features and flexibility allow users to integrate thousands of business applications and create simple to complex automation to reduce time spent on repetitive tasks, thereby increasing productivity. This book is a must-have for business owners, their employees, and independent freelancers and contractors looking to use Zapier for business process automation. The book takes a hands-on approach to implementation and associated problem-solving methodologies that will have you up-and-running and productive in no time while leveling up your automation skills. You'll discover how to plan your automation building for optimal results, what are the native features available in Zapier, and the applications that connect with it, as well as how to optimally configure your workflows to automate your processes in as few steps as possible. Finally, you'll find out how to create advanced workflow automation from scratch and learn how to troubleshoot issues. By the end of this Zapier book, you'll be able to build your own advanced workflow automation using Zapier, addressing the key pain points encountered in businesses with manual and repetitive tasks. What you will learn

Think creatively to plan your business workflows to overcome specific business problems

Get to grips with the native features and built-in applications available in Zapier

Explore different types of third-party business applications that integrate with Zapier

Configure your workflows optimally to automate business processes and minimize task usage

Use Zapier's library of pre-built workflows and create advanced workflows from scratch

Discover the extensive functionality and practical uses of Zapier's built-in apps

Who this book is for This book is for solutions architects, process consultants, business analysts, virtual assistants, digital marketers, CRM consultants, online business managers, technical consultants, bookkeepers, and accountants who want to deploy effective automation techniques in Zapier. This book will help micro, small, or medium-sized businesses to increase their productivity using workflow automation with Zapier, as well as freelancers and contractors providing digital process improvement, systemizing, and automation services. No prior experience with business process automation or Zapier is required.

business process automation examples: INTELLIGENT AUTOMATION PASCAL. BARKIN BORNET (IAN. WIRTZ, JOCHEN.), 2020

business process automation examples: Business Process Change Paul Harmon, 2014-04-26 Business Process Change, 3rd Edition provides a balanced view of the field of business process change. Bestselling author Paul Harmon offers concepts, methods, cases for all aspects and phases of successful business process improvement. Updated and added for this edition is new material on the development of business models and business process architecture development, on integrating decision management models and business rules, on service processes and on dynamic case management, and on integrating various approaches in a broad business process management approach. New to this edition: - How to develop business models and business process architecture - How to integrate decision management models and business rules - New material on service processes and on dynamic case management - Learn to integrate various approaches in a broad business process management approach - Extensive revision and update addresses Business Process Management Systems, and the integration of process redesign and Six Sigma - Learn how all the different process elements fit together in this best first book on business process, now completely updated - Tailor the presented methodology, which is based on best practices, to your organization's specific needs - Understand the human aspects of process redesign - Benefit from all new detailed case studies showing how these methods are implemented

business process automation examples: Enterprise Mobility Strategy & Solutions Rakesh Patel, 2014-09-24 Do you know that organizations and IT departments scramble to devise a good

strategy for enterprise mobility? Surprisingly, only half of them have well-defined mobile strategies, confirms a recent survey of over six hundred companies by IBM. Now this is where a handbook for enterprise mobility can be instrumental for CIOs, CTOs, and IT decision-makers who look for creating robust enterprise mobile strategies and solutions. This book shares some of the practical cases related with enterprise mobility, which will be relevant and resourceful for enterprises seeking to get through their own obstacles and setbacks. It is divided into four major sections comprised of following: 1. The Mobility Revolution 2. Enterprise Mobility in the Workplace 3. The Scope of Enterprise Mobility 4. Other Aspects of Enterprise Mobility These sections further unfold into thirteen chapters. This book should also help you explore and understand the key aspects like mobile device management (MDM), BYOD, and mobile security. Precisely, it could be no less than a handbook for CIOs, CTOs, and organizations who want to enable enterprise mobility effectively.

business process automation examples: *Understanding Business* David Barnes, 2001 Taking a systems perspective, this book enables the student to make sense of business behaviour by demonstrating how interrelated business processes determine the success of an organisation.

business process automation examples: *Designing Efficient BPM Applications* Christine McKinty, Antoine Mottier, 2016-03-07 Looking for efficiency gains in your business? If you're a business analyst, this practical guide will show you how to design effective business process management (BPM) applications. Every business uses business processes—these everyday tasks help you gain and retain customers, stay profitable, and keep your operations infrastructure functioning. BPM specialists Christine McKinty and Antoine Mottier show you step-by-step how to turn a simple business procedure into an automated, process-based application. Using hands-on examples, you'll quickly learn how to create an online process that's easy to use. Each chapter builds on earlier material. You don't have to have any programming experience to design business processes—and if you have skills in designing workflows and understanding human interactions with processes, you already have a headstart. Through the course of this book, you will: Build a prototype of an application page Create the most frequent use flow in a process, and define the data model Generate real process forms and produce the first version of the application Connect your application to external information systems, and then build and test the complete application

business process automation examples: *Site Reliability Engineering* Niall Richard Murphy, Betsy Beyer, Chris Jones, Jennifer Petoff, 2016-03-23 The overwhelming majority of a software system's lifespan is spent in use, not in design or implementation. So, why does conventional wisdom insist that software engineers focus primarily on the design and development of large-scale computing systems? In this collection of essays and articles, key members of Google's Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world. You'll learn the principles and practices that enable Google engineers to make systems more scalable, reliable, and efficient—lessons directly applicable to your organization. This book is divided into four sections: Introduction—Learn what site reliability engineering is and why it differs from conventional IT industry practices Principles—Examine the patterns, behaviors, and areas of concern that influence the work of a site reliability engineer (SRE) Practices—Understand the theory and practice of an SRE's day-to-day work: building and operating large distributed computing systems Management—Explore Google's best practices for training, communication, and meetings that your organization can use

business process automation examples: *The Complete Business Process Handbook* Mark Von Rosing, Henrik von Scheel, August-Wilhelm Scheer, 2014-12-06 The Complete Business Process Handbook is the most comprehensive body of knowledge on business processes with revealing new research. Written as a practical guide for Executives, Practitioners, Managers and Students by the authorities that have shaped the way we think and work with process today. It stands out as a masterpiece, being part of the BPM bachelor and master degree curriculum at universities around the world, with revealing academic research and insight from the leaders in the market. This book provides everything you need to know about the processes and frameworks, methods, and

approaches to implement BPM. Through real-world examples, best practices, LEADING practices and advice from experts, readers will understand how BPM works and how to best use it to their advantage. Cases from industry leaders and innovators show how early adopters of LEADING Practices improved their businesses by using BPM technology and methodology. As the first of three volumes, this book represents the most comprehensive body of knowledge published on business process. Following closely behind, the second volume uniquely bridges theory with how BPM is applied today with the most extensive information on extended BPM. The third volume will explore award winning real-life examples of leading business process practices and how it can be replaced to your advantage. Learn what Business Process is and how to get started Comprehensive historical process evolution In-depth look at the Process Anatomy, Semantics and Ontology Find out how to link Strategy to Operation with value driven BPM Uncover how to establish a way of Thinking, Working, Modelling and Implementation Explore comprehensive Frameworks, Methods and Approaches How to build BPM competencies and establish a Center of Excellence Discover how to apply Social BPM, Sustainable and Evidence based BPM Learn how Value & Performance Measurement and Management Learn how to roll-out and deploy process Explore how to enable Process Owners, Roles and Knowledge Workers Discover how to Process and Application Modelling Uncover Process Lifecycle, Maturity, Alignment and Continuous Improvement Practical continuous improvement with the way of Governance Future BPM trends that will affect business Explore the BPM Body of Knowledge

business process automation examples: Process Automation Strategy in Services, Manufacturing and Construction Bharati Mohapatra, Sanjana Mohapatra, Sanjay Mohapatra, 2023-02-20 Appealing to business researchers, academics and practitioners, Process Automation Strategy in Services, Manufacturing and Construction brings to life the current trends in process automation and considers what the future holds.

business process automation examples: Business Process Management: Blockchain, Robotic Process Automation, and Central and Eastern Europe Forum Andrea Marrella, Raimundas Matulevičius, Renata Gabryelczyk, Bernhard Axmann, Vesna Bosilj Vukšić, Walid Gaaloul, Mojca Indihar Štemberger, Andrea Kő, Qinghua Lu, 2022-09-06 This book constitutes the proceedings of the Blockchain, Robotic Process Management (RPA), and Central and Eastern Europe (CEE) Forum which were held as part of the 20th International Conference on Business Process Management, BPM 2022, which took place in Münster, Germany, during September 11-15, 2022. The Blockchain Forum is dealing with techniques for and applications of blockchains, distributed ledger technologies, and related topics. The RPA Forum brings together researchers from various communities to discuss challenges, opportunities, and new ideas related to robotic process automation and its application to business processes in private and public sectors. The CEE Forum provides a discussion platform for BPM academics from Central and Eastern Europe to disseminate their research, compare results and share experiences. The 20 papers presented in this volume were carefully reviewed and selected from a total of 40 submissions.

business process automation examples: **Business Process Management Design Guide: Using IBM Business Process Manager** Dr. Ali Arsanjani, Nakul Bharade, Magnus Borgenstrand, Philipp Schume, J. Keith Wood, Vyacheslav Zheltonogov, IBM Redbooks, 2015-04-27 IBM® Business Process Manager (IBM BPM) is a comprehensive business process management (BPM) suite that provides visibility and management of your business processes. IBM BPM supports the whole BPM lifecycle approach: Discover and document Plan Implement Deploy Manage Optimize Process owners and business owners can use this solution to engage directly in the improvement of their business processes. IBM BPM excels in integrating role-based process design, and provides a social BPM experience. It enables asset sharing and creating versions through its Process Center. The Process Center acts as a unified repository, making it possible to manage changes to the business processes with confidence. IBM BPM supports a wide range of standards for process modeling and exchange. Built-in analytics and search capabilities help to further improve and optimize the business processes. This IBM Redbooks® publication provides valuable information for project

teams and business people that are involved in projects using IBM BPM. It describes the important design decisions that you face as a team. These decisions invariably have an effect on the success of your project. These decisions range from the more business-centric decisions, such as which should be your first process, to the more technical decisions, such as solution analysis and architectural considerations.

business process automation examples: Business Process Automation with ProcessMaker 3.1 Dipo Majekodunmi, 2017-12-01 Use this practical, hands-on guide to get started with ProcessMaker. The book provides clear steps for you to walk through and set up ProcessMaker on your own system and make processes run faster and smarter. You will model and build a complete business process for requesting, approving, and reporting expenses. In the course of building the process, you will understand: The Workflow Designer for modeling business processes using BPMN 2.0 The Dynaform Designer for creating responsive HTML forms Input and Output documents for capturing supporting documents for business processes and generating standardized documents from the data captured in a process Triggers for implementing custom business logic and extending ProcessMaker functionality What You'll Learn Send email notifications and add comments to cases Build complex routing rules Manage users and their permissions Deploy ProcessMaker to a cloud server Configure and use the ProcessMaker mobile app Who This Book Is For Business analysts, programmers, and professionals in all industries (e.g., higher education, finance and insurance, government, healthcare, manufacturing, and telecommunications)

business process automation examples: The Automation Advantage: Embrace the Future of Productivity and Improve Speed, Quality, and Customer Experience Through AI Bhaskar Ghosh, Rajendra Prasad, Gayathri Pallail, 2021-12-07 From the global automation leaders at Accenture—the first-ever comprehensive blueprint for how to use and scale AI-powered intelligent automation in the enterprise to gain competitive advantage through faster speed to market, improved product quality, higher efficiency, and an elevated customer experience. Many companies were already implementing limited levels of automation when the pandemic hit. But the need to rapidly change business processes and how organizations work resulted in the compression of a decade's worth of digital transformation into a matter of months. Technology suddenly became the essential element for rapid organizational change and the creation of 360-degree value benefiting all stakeholders. Businesses are faced with the imperative to embrace that change or risk being left behind. In *The Automation Advantage*, global enterprise technology and automation veterans Bhaskar Ghosh, Rajendra Prasad, and Gayathri Pallail give business leaders and managers the action plan they need to execute a strategic agenda that enables them to quickly and confidently scale their automation and AI initiatives. This practical and highly accessible implementation guide answers leaders' burning questions, such as: How do I identify and prioritize automation opportunities? How do I assess my legacy systems and data issues? How do I derive full value out of my technology investments and automation efforts? How can I inspire my employees to embrace change and the new opportunities presented by automation? *The Automation Advantage* goes beyond optimizing process to using AI to transform almost any business activity in any industry to make it faster, more streamlined, cost efficient, and customer-focused—vastly improving overall productivity and performance. Featuring case studies of successful automation solutions, this indispensable road map includes guiding principles for technology, governance, culture, and leadership change. It offers a human-centric approach to AI and automation that leads to sustainable transformation and measurable business results.

business process automation examples: Business Process Change Paul Harmon, 2003 Paul Harman focuses on the process change problems faced by today's managers. He summarizes the state of the art of business process analysis, presents a methodology based on best-practices and offers detailed case studies.

business process automation examples: Robotic Process Automation with Blue Prism Quick Start Guide Lim Mei Ying, 2018-11-30 Learn how to design and develop robotic process automation solutions with Blue Prism to perform important tasks that enable value creation in your work Key

Features Develop robots with Blue Prism Automate your work processes with Blue Prism Learn basic skills required to train a robot for process automation

Book Description Robotic process automation is a form of business process automation where user-configured robots can emulate the actions of users. Blue Prism is a pioneer of robotic process automation software, and this book gives you a solid foundation to programming robots with Blue Prism. If you've been tasked with automating work processes, but don't know where to start, this is the book for you! You begin with the business case for robotic process automation, and then move to implementation techniques with the leading software for enterprise automation, Blue Prism. You will become familiar with the Blue Prism Studio by creating your first process. You will build upon this by adding pages, data items, blocks, collections, and loops. You will build more complex processes by learning about actions, decisions, choices, and calculations. You will move on to teach your robot to interact with applications such as Internet Explorer. This can be used for spying elements that identify what your robot needs to interact with on the screen. You will build the logic behind a business objects by using read, write, and wait stages. You will then enable your robot to read and write to Excel and CSV files. This will finally lead you to train your robot to read and send emails in Outlook. You will learn about the Control Room, where you will practice adding items to a queue, processing the items and updating the work status. Towards the end of this book you will also teach your robot to handle errors and deal with exceptions. The book concludes with tips and coding best practices for Blue Prism. What you will learn

Learn why and when to introduce robotic automation into your business processes
 Work with Blue Prism Studio
 Create automation processes in Blue Prism
 Make use of decisions and choices in your robots
 Use UI Automation mode, HTML mode, Region mode, and spying
 Learn how to raise exceptions
 Get the robot to deal with errors
 Learn Blue Prism coding best practices

Who this book is for The book is aimed at end users such as citizen developers who create business processes, but may not have the basic programming skills required to train a robot. No experience of Blue Prism is required.

business process automation examples: Business Process Management: Blockchain and Robotic Process Automation Forum Aleksandre Asatiani, José María García, Nina Helander, Andrés Jiménez-Ramírez, Agnes Koschmider, Jan Mendling, Giovanni Meroni, Hajo A. Reijers, 2020-09-02 This book constitutes the proceedings of the Blockchain and Robotic Process Automation (RPA) Forum which was held as part of the 18th International Conference on Business Process Management, BPM 2020. The conference was planned to take place in Seville, Spain, in September 2020. Due to the COVID-19 pandemic the conference took place virtually. The Blockchain Forum and the RPA Forum have in common that they are centered around an emerging and exciting technology. The blockchain is a sophisticated distributed ledger technology, while RPA software allows for mimicking human, repetitive actions. Each of these have the potential to fundamentally change how business processes are being orchestrated and executed in practice. The BPM community has embraced these technologies as objects of analysis, design, development, and evaluation. The 14 full plus one short paper presented in this volume were carefully reviewed and selected from a total of 28 submissions.

business process automation examples: Robotic Process Automation (RPA) - Digitization and Automation of Processes Christian Langmann, Daniel Turi, 2023-01-16 This book provides a practice-oriented overview of the necessary prerequisites, the mode of operation, and the individual steps for the successful introduction of Robotic Process Automation (RPA). In addition to theoretical basics, practical examples from controlling and accounting illustrate the enormous potential of this technology....

business process automation examples: Robotic Process Automation Christian Czarnecki, Peter Fettke, 2021-05-10 This book brings together experts from research and practice. It includes the design of innovative Robot Process Automation (RPA) concepts, the discussion of related research fields (e.g., Artificial Intelligence, AI), the evaluation of existing software products, and findings from real-life implementation projects. Similar to the substitution of physical work in manufacturing (blue collar automation), Robotic Process Automation tries to substitute intellectual

work in office and administration processes with software robots (white-collar automation). The starting point for the development of RPA was the observation that – despite the use of process-oriented enterprise systems (such as ERP, CRM and BPM systems) – additional manual activities are still indispensable today. In the RPA approach, these manual activities are learned and automated by software robots, either by defining rules or by observing manual activities. RPA is related to business process management, machine learning, and artificial intelligence. Tools for RPA originated from dedicated stand-alone software. Today, RPA functionalities are also integrated into elaborated process management suites. From a conceptual perspective, RPA can be structured into input components (sensors in the wide sense), an intelligence center, and output components (actuators in the wide sense). From a strategic perspective, the impact of RPA can be related to the support of existing tasks, the complete substitution of human activities, and the innovation of processes as well as business models. At present, high expectations are related to the use of RPA in the improvement of software-supported business processes. Manual activities are learned and automated by software robots that interact with existing applications via the presentation layer. In combination with artificial intelligence (AI) as well as innovative interfaces (e. g., voice recognition) RPA creates a novel level of automation for office and administration processes. Its benefit potential reaches a return on investment (ROI) up-to 800% that is documented in various case studies.

business process automation examples: The Robotic Process Automation Handbook Tom Taulli, 2020-02-28 While Robotic Process Automation (RPA) has been around for about 20 years, it has hit an inflection point because of the convergence of cloud computing, big data and AI. This book shows you how to leverage RPA effectively in your company to automate repetitive and rules-based processes, such as scheduling, inputting/transferring data, cut and paste, filling out forms, and search. Using practical aspects of implementing the technology (based on case studies and industry best practices), you'll see how companies have been able to realize substantial ROI (Return On Investment) with their implementations, such as by lessening the need for hiring or outsourcing. By understanding the core concepts of RPA, you'll also see that the technology significantly increases compliance – leading to fewer issues with regulations – and minimizes costly errors. RPA software revenues have recently soared by over 60 percent, which is the fastest ramp in the tech industry, and they are expected to exceed \$1 billion by the end of 2019. It is generally seamless with legacy IT environments, making it easier for companies to pursue a strategy of digital transformation and can even be a gateway to AI. The Robotic Process Automation Handbook puts everything you need to know into one place to be a part of this wave. What You'll Learn Develop the right strategy and plan Deal with resistance and fears from employees Take an in-depth look at the leading RPA systems, including where they are most effective, the risks and the costs Evaluate an RPA system Who This Book Is For IT specialists and managers at mid-to-large companies

business process automation examples: A Guide to Open311 Rakesh Patel, 2015-03-06 EverythingCivics, is born out of the personal practical experience of Rakesh, after becoming frustrated when his wife fell down on a broken footpath while going for a morning jog. He tried to report the issue to the city officials and found no result in a convenient way. Being a tech savvy guy who truly believes in using technology to solve the problems, he began to wonder if there are technologies out there in countries like USA & Europe, but those technologies were not easy & affordable for countries like India, they also did not address the cultural and language issues which countries like India have; after doing much research and talking to couple of his friends, inspired by ideas which already has been implemented in countries like USA, UK and others, he decided to build a platform that lets anybody to click a photo and report an issue to the Municipal Corporation and get the problems fixed. This book serves as a bible for anyone who interested in getting a global perspective around Non-emergency Services & use of Open311 protocols by different councils. It also provides complete insight about implementation of Open311 issue reporting apps like HeyGov!, FixCity, Fix 311, FixMyStreet.CA, FixMyStreet NZ and many more This book is divided into five major sections 1. Everything about the Non-emergency Services 2. Understanding Open311 3. Open311 applications 4. Other aspects of EverythingCivics 5. These sections further unfold into 8

chapters

business process automation examples: Enterprise, Business-Process and Information Systems Modeling Adriano Augusto, Asif Gill, Dominik Bork, Selmin Nurcan, Iris Reinhartz-Berger, Rainer Schmidt, 2022-05-29 This book contains the refereed proceedings of two long-running events held along with the CAiSE conference relating to the areas of enterprise, business-process and information systems modeling: * the 23rd International Conference on Business Process Modeling, Development and Support, BPMDS 2022, and * the 27th International Conference on Exploring Modeling Methods for Systems Analysis and Development, EMMSAD 2022. The conferences were taking place in Leuven, Belgium during June 6-7, 2022. For BPMDS 7 full papers and 2 short papers were carefully reviewed and selected for publication from a total of 18 submissions; for EMMSAD 11 full papers and 3 short papers were accepted from 30 submissions after thorough reviews. The papers were organized in topical sections as follows: BPMDS: Actual and perceived challenges; business process modeling; understanding collaboration: one issue, many perspectives; and event logs - why it derives; EMMSAD: Foundations of modeling and method engineering; enterprise, business process, and capability modeling; information systems and requirements modeling; domain-specific and knowledge modeling; and evaluation of modeling approaches.

business process automation examples: High Performance Through Process Excellence Mathias Kirchmer, 2011-08-22 Continuously changing customer and market requirements as well as new developments in information technology have become a dominating factor in today's business environment. To be successful enterprises have to adapt quickly to new opportunities and threats. They have to take smart decision and execute fast. Innovation and agility become important success factors. The Management of Process Excellence (MPE) is the main enabler. It helps achieving immediate benefits while building lasting process management capabilities. MPE links strategy with people and technology based execution. Service Oriented Architectures (SOA), Web 2.0 or cloud computing support this approach. The right process governance, including centers of excellence, and knowledge assets in form of reference models increase the delivered value again. The resulting next generation enterprise is ready for long term success. The book discusses how business process management delivers real value in private and public sector organizations around the world. It addresses executives and managers as well as educators and students.

business process automation examples: Introduction to Information Systems R. Kelly Rainer (Jr.), Brad Prince, Cristóbal Sánchez-Rodríguez, Sepideh Ebrahimi, Ingrid Spletstoesser, 2023-10-23 As digital transformation becomes increasingly central to effective corporate strategy, today's students must learn how information systems provide the foundation for modern business enterprises. Known for its rich Canadian content and focus on active learning, Introduction to Information Systems, Sixth Canadian Edition shows students how they can use IS to help their current or future employers increase profitability, improve customer service, manage daily operations, and drive impact in their markets. This course demonstrates that IT is the backbone of any business, whether a student is majoring in accounting, finance, marketing, human resources, production/operations management, or MIS. In short, students will learn how information systems provide the foundation for all modern organizations, whether they are public sector, private sector, for-profit, or not-for-profit.

business process automation examples: From Manual to Magical: Unleashing the Power of Business Automation Shu Chen Hou, Are you ready to unlock the secrets of business automation and transform your organization into a powerhouse of efficiency and success? Look no further than our groundbreaking eBook, From Manual to Magical: Unleashing the Power of Business Automation." In today's competitive landscape, manual processes simply won't cut it. It's time to embrace the future and harness the transformative power of automation. This comprehensive guide will take you on a journey, equipping you with the knowledge and tools to revolutionize your business operations. Discover the Definition of Business Automation and its significance in today's fast-paced world. Gain insights into the Benefits of Automation, including increased efficiency, reduced costs, improved accuracy, and scalable growth. We debunk Common Myths and Misconceptions surrounding

automation, setting the record straight and paving the way for success. But don't just take our word for it! Dive into our Real-Life Examples and explore case studies of businesses that have implemented automation to achieve extraordinary results. Witness firsthand how automation can propel your organization to new heights of productivity and profitability. Identifying Opportunities for Automation is crucial, and we provide you with the tools to analyze your existing processes, map workflows, and prioritize initiatives based on impact and feasibility. Conduct a Cost-Benefit Analysis and make informed decisions that maximize your return on investment. Choosing the Right Automation Tools is a breeze with our in-depth overview of the available technologies, such as robotic process automation (RPA), workflow management systems, and artificial intelligence (AI). Learn how to evaluate tool suitability and unleash their potential in your organization. Implementation is key, and our step-by-step guide ensures you plan and execute the implementation process flawlessly. Overcome challenges with Change Management and Employee Buy-In, and master Data Migration and Integration for seamless automation adoption. Leave no stone unturned with thorough Testing and Quality Assurance to ensure your success. But we don't stop there. Our eBook takes you into the future, exploring Emerging Technologies such as the Internet of Things (IoT), Artificial Intelligence (AI), and Machine Learning. Discover how these technologies will shape the future of automation and gain a competitive edge. Don't miss out on this opportunity to stay ahead of the curve and revolutionize your organization. From Manual to Magical: Unleashing the Power of Business Automation is your ticket to increased efficiency, reduced costs, and unprecedented growth. Embrace the power of automation and transform your business today! Take the first step towards a future of success and order your copy of From Manual to Magical: Unleashing the Power of Business Automation now!

business process automation examples: Robotic Process Automation Unleashed: Streamlining Business Processes for a Digital Future Fahed Mrad , 2024-09-19 In today's rapidly evolving digital landscape, businesses are constantly challenged to improve efficiency, reduce costs, and stay competitive. Mastering Robotic Process Automation offers a comprehensive, yet accessible guide to Robotic Process Automation (RPA)—a transformative technology that is reshaping how organizations manage repetitive, rules-based tasks. From automating data entry to streamlining complex workflows, RPA allows businesses to free up human resources for strategic and creative work. This book is designed for business professionals, IT specialists, leaders in humanitarian and development sectors, and students looking to expand their knowledge of digital transformation through automation. The guide provides a clear roadmap for understanding, implementing, and optimizing RPA solutions, covering topics such as: Identifying processes suitable for automation. Comparing popular RPA platforms like UiPath, Automation Anywhere, and Blue Prism. Step-by-step guidance on designing and deploying RPA projects. Best practices for maximizing the return on investment (ROI) and monitoring automation performance. Insights into the future of automation, including hyperautomation and AI integration. Throughout the book, real-world examples and case studies from a variety of sectors illustrate how RPA is improving operational efficiency and service delivery, even in resource-constrained environments like humanitarian organizations. The content was developed through a combination of human expertise and advanced AI-assisted tools, reflecting the very principles of automation explored within its pages. Mastering Robotic Process Automation equips readers with practical strategies, clear action steps, and the knowledge needed to successfully navigate their automation journey, making it an essential resource for anyone looking to leverage RPA for business success.

business process automation examples: *Handbook on Business Process Management* 2 Jan vom Brocke, Michael Rosemann, 2010-09-22 Business Process Management (BPM) has become one of the most widely used approaches for the design of modern organizational and information systems. The conscious treatment of business processes as significant corporate assets has facilitated substantial improvements in organizational performance but is also used to ensure the conformance of corporate activities. This Handbook presents in two volumes the contemporary body of knowledge as articulated by the world's leading BPM thought leaders. This second volume focuses

on the managerial and organizational challenges of Business Process Management such as strategic and cultural alignment, governance and the education of BPM stakeholders. As such, this book provides concepts and methodologies for the integration of BPM. Each chapter has been contributed by leading international experts. Selected case studies complement their views and lead to a summary of BPM expertise that is unique in its coverage of the most critical success factors of BPM.

business process automation examples: Enterprise Resource Planning K. Ganesh, Sanjay Mohapatra, S. P. Anbuudayasankar, P. Sivakumar, 2014-06-18 This book introduces the fundamental principles of understanding business requirements to apply enterprise resource planning (ERP) in order to meet business needs. The book also helps readers understand the usage of ERP for monitoring and controlling business processes, while providing practical oriented solutions to the design and implementation of ERP. Using the provided framework, a business can decide to provide more value at lower cost which increases its competitive advantage. This should be an ideal reference for executives, researchers and consultants in project management of ERP. ERP can be considered to be an integrated package of business process. The scope of ERP determines the extent of automation of business process. For example if ERP covers Human Resource (HR) and finance business processes only, then business process related HR and finance are automated. Typically business process that are automated in HR and finance employee entry and exist process, allocation of employee ID, payroll, processing , income tax planning and actual deduction etc. There is seamless flow of employee data and information is available at an effectively faster rate to take appropriate decision. As custom demand increases, there is a need to meet the changing scenario with speed and efficiency. While there is a need to increase productivity, there is also a need to reduce cost of operation. The repetitive business processes can be handled effectively by automating them and freeing human resources for meeting other uncertainties. These automations not only should be done for each department, but also should cut across different departments. Thus there is a need for automating business processes at enterprise level. This enterprise level automation started with MRP, then MRP II, ERP and then finally open source ERP have taken centre stage. Out of the standard products available in the market, an organization can chose an ERP product for implementation, depending on the features available and the total cost of ownership (TCO). This comparison helps an organization to choose the product that best suits the needs for the organization. Enterprise Resource Planning: Fundamentals of Design and Implementation highlights these concepts while discusses different good practices to design and implement ERP.

business process automation examples: Learning Robotic Process Automation Alok Mani Tripathi, 2018-03-28 Design RPA solutions to perform a wide range of transactional tasks with minimal cost and maximum ROI Key Features A beginner's guide to learn Robotic Process Automation and its impact on the modern world Design, test, and perform enterprise automation task with UiPath Create Automation apps and deploy them to all the computers in your department. Book Description Robotic Process Automation (RPA) enables automating business processes using software robots. Software robots interpret, trigger responses, and communicate with other systems just like humans do. Robotic processes and intelligent automation tools can help businesses improve the effectiveness of services faster and at a lower cost than current methods. This book is the perfect start to your automation journey, with a special focus on one of the most popular RPA tools: UiPath. Learning Robotic Process Automation takes you on a journey from understanding the basics of RPA to advanced implementation techniques. You will become oriented in the UiPath interface and learn about its workflow. Once you are familiar with the environment, we will get hands-on with automating different applications such as Excel, SAP, Windows and web applications, screen and web scraping, working with user events, as well as understanding exceptions and debugging. By the end of the book, you'll not only be able to build your first software bot, but also you'll wire it to perform various automation tasks with the help of best practices for bot deployment. What you will learn Understand Robotic Process Automation technology Learn UiPath programming techniques to deploy robot configurations Explore various data extraction techniques Learn about integrations with various popular applications such as SAP and MS Office Debug a programmed robot including

logging and exception handling Maintain code version and source control Deploy and control Bots with UiPath Orchestrator Who this book is for If you would like to pursue a career in Robotic Process Automation or improve the efficiency of your businesses by automating common tasks, then this book is perfect for you. Prior programming knowledge of either Visual Basic or C# will be useful.

business process automation examples: ARIS — Business Process Modeling

August-Wilhelm Scheer, 2013-11-27 This book describes in detail how ARIS methods model and identify business processes by means of the UML (Unified Modeling Language), leading to an information model that serves as the basis for a systematic and intelligent development of application systems. Multiple real-world examples using SAP R/3 illustrate aspects of business process modeling including methods of knowledge management, implementation of workflow systems and standard software solutions, and the deployment of ARIS methods.

Additional Resources

business process automation examples

[Business Process Automation Examples](#)

Business Process Automation Examples

Related Articles

- [catalia beauty and wellness](#)
- [chapter 10 nutrition for health worksheet answer key](#)
- [cellular respiration biology corner answer key](#)

[Back to Home](#)