Mastering IBM RPA in 30 Days

And Winning the IBM Build-A-Bot Challenge
Agenda

• What is the IBM Build-A-Bot Challenge?
• IBM Robotic Process Automation
• A conversation with the winners for Best RPA Solution To Improve My Workplace – The team from Cedrus Digital
• A conversation with the winner for Best RPA Solution to Address a Social Challenge – Wei Lai, Perficient
What Can You do in IBM’s Automation Communities?
Interact with peers - stay informed on new products and services - ask for advice and guidance on a project – gain tips and tricks from the developers who wrote the software - meet IBM subject matter experts – join a user group – provide advice to others – learn about upcoming Automation Events
IBM to Acquire WDG Automation to Advance AI-Infused Automation Capabilities for Enterprises

Jul 8, 2020

ARMONK, N.Y., July 8, 2020 /PRNewswire/ -- IBM (NYSE: IBM) today announced it has reached a definitive agreement to acquire Brazilian software provider of robotic process automation (RPA) WDG Soluções Em Sistemas E Automação De Processos LTDA (referred to as "WDG Automation" throughout). The acquisition further advances IBM’s comprehensive AI-infused automation capabilities, spanning business processes to IT operations. Financial terms were not disclosed.

In today’s digital era, companies are looking for new ways to create new business models, deliver new services and lower costs. The need to drive this transformation is even greater now given the uncertainties of COVID-19. IDC predicts that by 2025, AI-powered enterprises will see a 100% increase in knowledge worker productivity, resulting in shorter reaction times, greater product innovation success and improved customer satisfaction.

When AI-infused automation is applied to business processes and IT operations, it can help shorten the time between identifying an issue and responding. This is critical as unforeseen IT incidents and outages, for example, can cost businesses in both revenue and reputation.

By embedding WDG Automation’s RPA capabilities into IBM’s existing AI-infused automation capabilities across business processes and IT operations, business leaders including Chief
How Robotic Process Automation (RPA) works

RPA is the use of software bots to automate repetitive, routine tasks performed by knowledge workers.

RPA bots replicate the actions of humans interacting with application user interfaces.

RPA is quick, simple, and safe to deploy:

- No changes to existing interfaces
- Reduces errors associated with swivel chair integration
- Efficiently execute high volume work
Key benefits of Robotic Process Automation

**Accelerate time to value**
Create, test and deploy new automation schemes in hours, instead of days or months

**Reduce human error**
Virtually eliminate copy-and-paste mistakes from entering the same data into multiple systems

**Increase throughput**
Fulfill automated tasks in seconds or minutes, round the clock

**Boost productivity**
Move repetitive tasks to always-on bots enabling employees to spend more time on innovation

**Lower operational costs**
Experience cost efficiencies that occur when you automate routine, manual tasks and shift employees toward higher-revenue efforts

**Scale on demand**
Quickly reduce or add bots as needs fluctuate and give your business an advantage by creating customer experiences that can scale
Growth of RPA

The global RPA market reached $2.3 billion USD in 2020, it grew over 50% YOY. This is particularly remarkable as the pandemic stalled or slowed the growth of many other markets in 2020.

Infosource expects the demand for RPA solutions to continue to grow, but it expects Capture-related RPA solutions to converge with traditional Information Capture solutions as they target similar use cases.
IBM Robotic Process Automation

Easily build bots with low-code editors

- Record user interactions to automatically generate bot scripts
- Assemble bot scripts from hundreds of prebuilt commands
- Test automations directly from the bot studio

Graphical bot development capabilities include drag-and-drop of pre-built commands and ability to instantly step through and test bots.
IBM RPA Build A Bot Challenge: Automation for the Common Good

Build a bot with IBM RPA that makes a difference in your workplace or contributes to society - and you could win $10,000!

- Contest period: **June 15 – July 15, 2021**
- Open to all IBM Clients, Individuals and Business Partners (typical participants: Developers, architects and business analysts)
- Work in teams (up to 5) or work alone
- **U.S., Canada (Quebec excepted), UKI, France, Spain, Germany and India**
- You must use **IBM RPA** to qualify

Two Categories to Win:

**Best Workplace Improvement Solution:**
*Bots that automate processes within your organization*

*Prize: $10,000*

**Best Automation for a Social Challenge:**
*Bots that automate process for climate issues, Covid vaccinations or testing, food bank management, health and human services, etc.*

*Prize: $10,000*
Best Workplace Improvement Solution

Bots that automate processes within your organization
Finalists - IBM RPA Solution To Improve My Workplace

**Exploratory Data Analysis**
Designer: Rudra Patel

**Online Comparison Shopping**
Designer: Mayank Maheshwari, CapGemini

**Time Sheet Bot**
Designer: Wei Lai, Perficient

**Customer Retention and Satisfaction**
Design Team: Pooja Jain, Himanshu Jain, Eric Ducos, DJ Des Jardins, Salient Process

**Employee Onboarding Process**
Design Team: Surabhi Baghel, Kartikey Chawla, Ujjawal Mishra, Animesh Jain, Prolifics

**Manage Store Inventory for Retailers**
Design Team: Andrea Rojas, Manuel Ruiz, Paloma Baameiro, Enrique Torres, Entelgy Consulting

**Work Estimation for IT Projects**
Design Team: Pintu Kumar Shaw, Subhankar Hore, Ayiswaria Ponnambalam, Sridhar Balakrishnan, Prashant LNU, Cognizant
We are so busy providing value for our customers, that we can fall behind on administrative tasks, like submitting receipts for reimbursement. We need a system to automatically submit our expenses for us, so that we can focus on the work that matters.

Introducing ReceiptIA!

It will make sure your expenses are submitted on time and without a hitch, ensuring you are reimbursed sooner.

Winner: IBM RPA Solution To Improve My Workplace

IBM RPA Bot to Automate Receipts Submission and Expense Reporting

Design Team: David Kaufman, Paul Hofle, Nathaniel Watkins, Maksim Chepel, Justin Irazabal, Cedrus Digital
Insert video file here: IBM Build A BOT Cedrus . mp4
Best Automation for a Social Challenge

Bots that automate process for climate issues, Covid vaccinations or testing, food bank management, health and human services, etc.
Finalists - IBM RPA Solution To Address A Social Challenge

**Patient Registration - Healthcare**
- **Design Team:** Somnath Ghosh, Sandipan Chakraborty, Cognizant

**IBM RPA Bot for Vaccine Passport**
- **Designer:** Dhanabal Thangavel

**Booking Covid Vaccinations**
- **Designer:** Sreethar Ramalingam, Cognizant

**Remote Processing of Driver’s License**
- **Design Team:** Premanand Ravikumar, Keerthika Krishnan, Arul Ajith Singh Saviour, Kalyanasundaram Kumaranasamy, Rashmi Markapuram, Cognizant

**Improving India’s COWIN Vaccination Platform for the Technically Challenged**
- **Design Team:** Brahmajee Ravi Kumar Kothala, Sujit Dutta, Cognizant

**Verifying Vaccination Status Before Ticket Purchase**
- **Design Team:** Srinidhi Pudipeddi, Srinath Narasimhan, Kunal Kankariya, SRM Innovators
Winner: IBM RPA Solution To Address A Social Problem

IBM RPA Bot for Virtual Food Bank Program

Canned food drives may make us feel warm inside, but they don’t help as much as we like to think. As much as 50 percent of food provided to needy families goes uneaten, according to Katherina Rosqueta, executive director of the Center for High Impact Philanthropy at the University of Pennsylvania. Its not that families are wasteful, they just may not like the food picked out for them.

The IBM RPA Survey BOT automates the processing of Donations of Food Coupons and Receipts with special offers, which can be accessed by those that need them. The Bot also helps the Receivers access the special offers.

Designer: Wei Lai, Perficient
Stay Connected with IBM Business Automation Community

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AliOps & Management Community:
https://community.ibm.com/community/user/aiops/home

Business Automation Community:
https://community.ibm.com/community/user/automation/home

Integration Community:
https://community.ibm.com/community/user/integration/home

Websphere & DevOps Community:
https://community.ibm.com/community/user/wasdevops/home