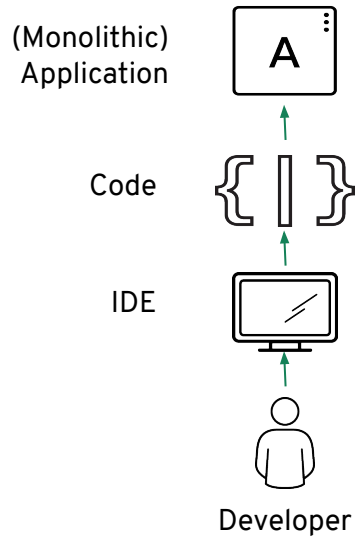# Microservices, Containers, API's, Integration Day

May 2019
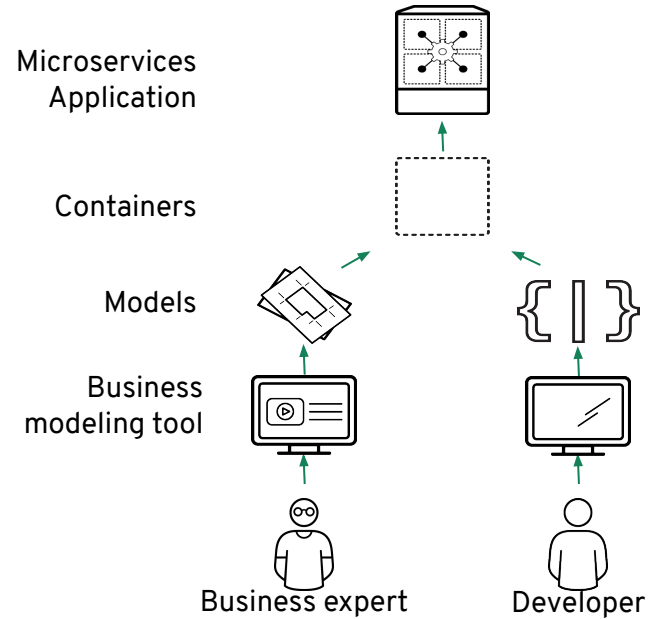
Michael Cardy
Chief Strategist
@realmikecardy
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Red Hat

APPLICATION DEVELOPMENT IS CHANGING

THEN:

(Monolithic) Application

Code

IDE

Developer

NOW:

Microservices Application

Containers

Models

Business modeling tool
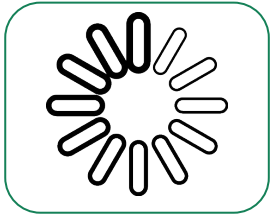
Business expert

Developer

Process Automation Manager

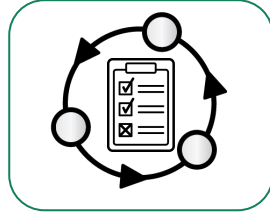Low-Code Application Development for Business Users

Red Hat

PROCESS AUTOMATION MANAGER

Key features

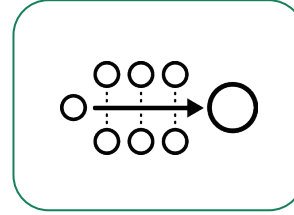**RED HAT®**
PROCESS AUTOMATION
MANAGER

| Complex event processing | Business rules | Business optimization | Process/Case management | Entando UX platform |

PROCESS AUTOMATION MANAGER

Key features

RED HAT®
DECISION MANAGER
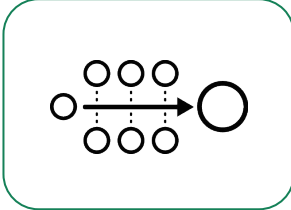
RED HAT®
PROCESS AUTOMATION MANAGER

Complex event processing

Business rules

Business optimization

Process/Case management

Entando UX platform
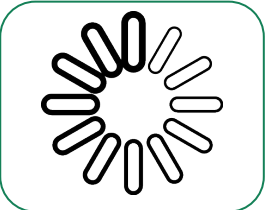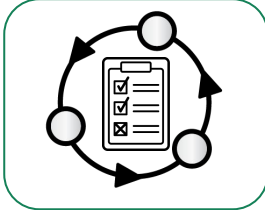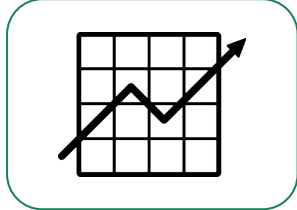
USE CASES

Applications for business automation technologies

Banking

Know your customer (KYC)
Loan origination
Credit decision
Sales advisory
Payments

Insurance

Claims processing
Underwriting
Quoting
Rating
Commissioning

Capital markets

Automated trading
Trade order management
Accounting
Compliance KYC and
Anti-money laundering (AML)
On-boarding

Public sector

Claims processing
Entitlement calculation
Benefit calculation
Fraud detection
Screening

Telecom

Offer configuration
Order management
Fraud detection
Loyalty programs
Network monitoring

Transportation

Workforce management
Promotions management
Loyalty programs
Customer service
Billing

Retail

Recommendation
Campaign management
Order management
Pricing
Self-service

Manufacturing

Order management
Billing
Contract management

Transforming Culture to a Agile Integration Philosophy

CREATING THE SPACE TO INNOVATE

"By creating a shared space for testing and developing new open source solutions, I hope that [the Innovation Lab] will spur a culture of innovation within state government and lead the nation in using technology to bring the government closer to the people."

Lt. Gov. Gavin Newsom, 2016

OPEN INNOVATION LABS
OPEN SOURCING OUR DNA TO ACCELERATE APPLICATION DEVELOPMENT

MISSION

To **accelerate the delivery** of our customer's innovative ideas, and **create infectious enthusiasm** for building applications **the Red Hat Way,** by leveraging community-powered innovation to **deliver an outstanding labs experience.**

VISION

To empower our customers to **deliver the most innovative software success stories of the 21st century.**

RED HAT
OPEN INNOVATION LABS

CRAFT YOUR JOURNEY IN A
LABS DISCOVERY SESSION

COLLABORATE

Your Stakeholders and Red Hat

CAPTURE

Your Vision, Challenges, Opportunities, and Goals

ROADMAP

Learn How Other Have Done It and How You Can Succeed

SCHEDULE IT NOW

Complimentary ½ - 1 Day Session At Your Location

Feedback Forms!

Thank you

Red Hat is the world's leading provider of

enterprise open source software solutions.

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services make

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