
AWS
re:Invent
NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

PRT212

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Become an elite cloud expert and full-stack developer in 30 minutes

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OutSystems

Jennifer Galvin

Technical Alliances Lead
OutSystems

aws

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What you'll learn here

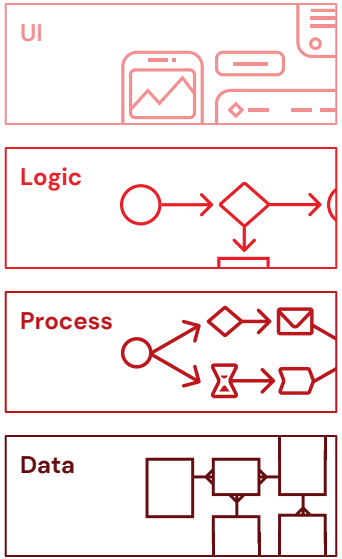
1. A little about us @ OutSystems
2. Demo demo demo
3. Wrap-up
4. Thanks

OutSystems

High-performance low-code platform

OUTSYSTEMS PLATFORM OVERVIEW

Full-stack
Empower developers
Extend reach outside IT

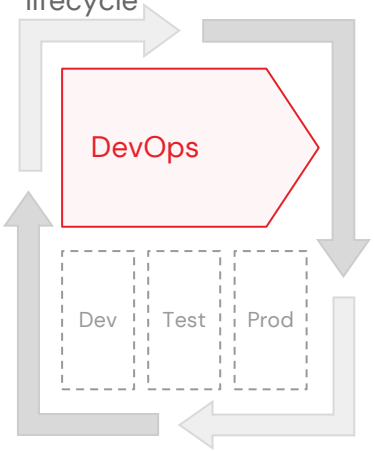


Integrate & extend
Never start from scratch
Limitless & easy integration

2,500+ open-source components

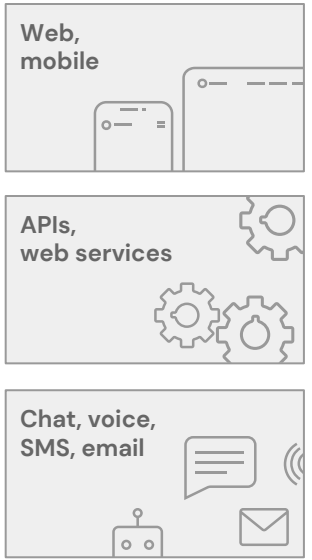
- REST, SOAP, OpenAPI
- Cloud services
- Enterprise systems
- Databases

Full-lifecycle
Be agile & continuously change
Automated software lifecycle



CI/CD, monitoring, user feedback, governance

Experiences
Reach all touchpoints
Widest range of digital experiences



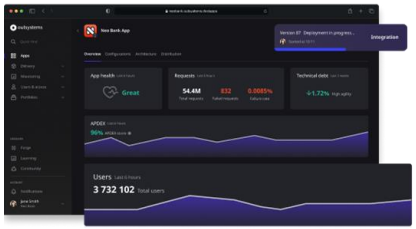
Scale | Security | Performance | Flexible deployment

Low-code is for posers, right?

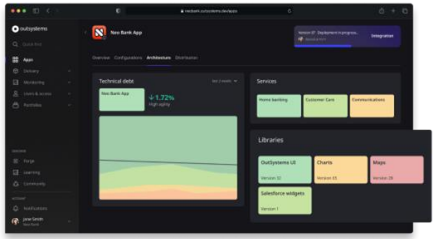
- Not enterprise-ready
- Running old tech
- Not for **REAL** developers
- Can’t build global scale, high-performing apps



OutSystems Developer Cloud







SERIOUS PRODUCTIVITY

- Elite software delivery
- Modern CI/CD practices
- Unified development experience

SERIOUS APPS

- State-of-the art cloud infrastructure
- Build any app, for any use case

EVERGREEN

- Always up to date
- Always on
- Pain-free upgrades

Developers and apps at scale

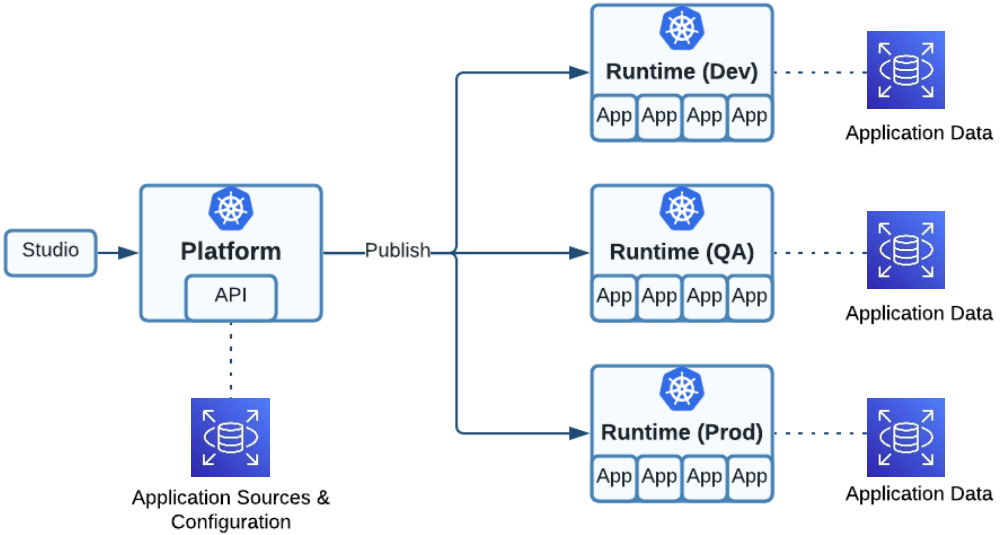
Separation of platform & runtime, Kubernetes, Linux containers

Platform: Multi-tenant platform for building, deploying, monitoring apps

Scale your development independently of your applications

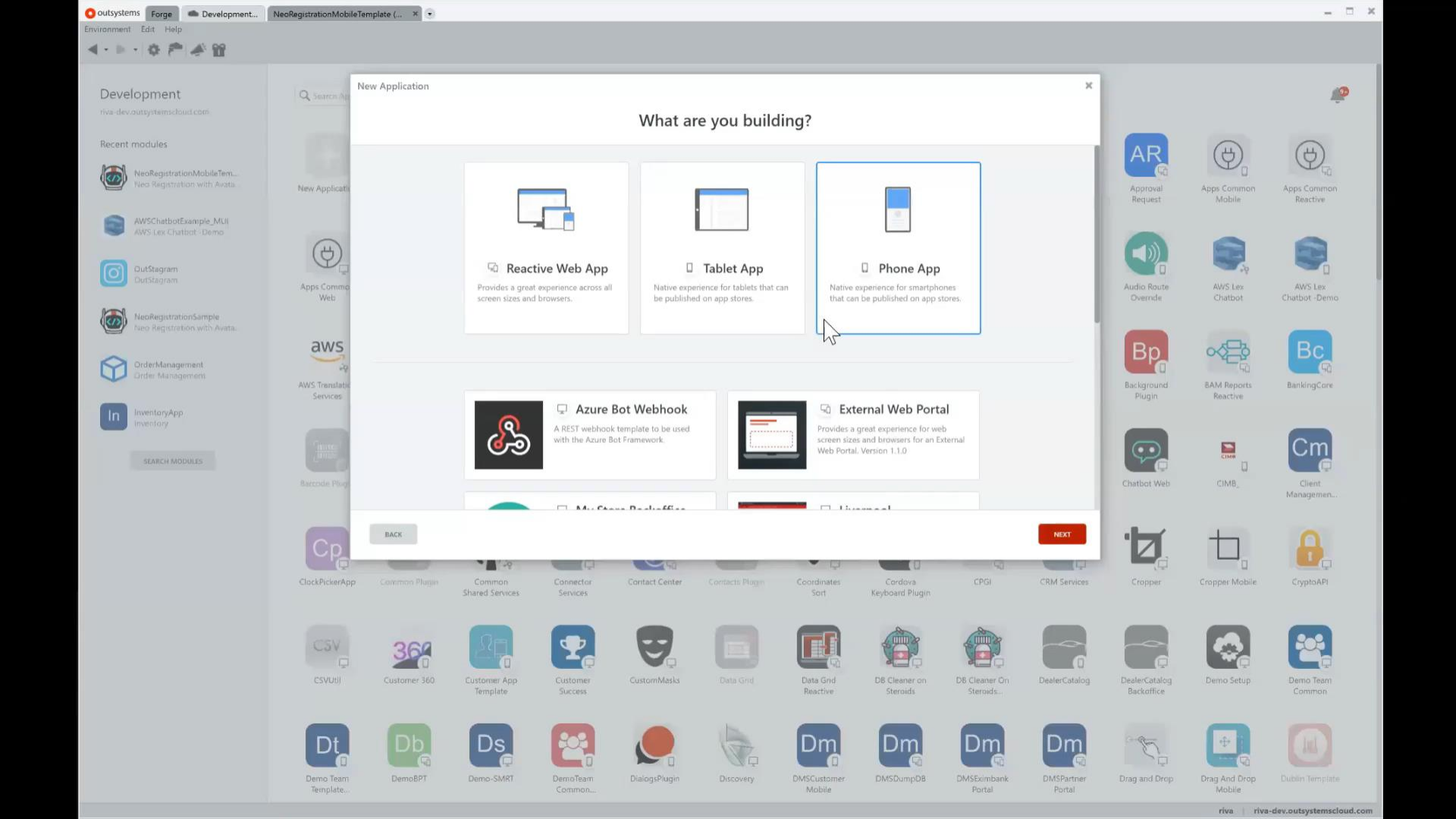
Runtime: Tenant-isolated app stages for running deployed apps and associated runtime data

Scale each of your apps independently with segregated compute capacity



outsystems

Enough slides – Demo!


New Application
What are you building?
Reactive Web App
Provides a great experience across all screen sizes and browsers.
Tablet App
Native experience for tablets that can be published on app stores.
Phone App
Native experience for smartphones that can be published on app stores.
Azure Bot Webhook
A REST webhook template to be used with the Azure Bot Framework.
External Web Portal
Provides a great experience for web screen sizes and browsers for an External Web Portal. Version 1.1.0
BACK
NEXT

Galaxy S21 Ultra 5G

12:12 84%

OutStagram

Riva



Plants!

3 Jul 2021 12:12

Try it out!

Just scan the code and install the app from the browser

outsystems | Forge | Development... | NeoRegistrationMobileTempla... | OutStagram1 (OutStagram1)

Environment Edit Help

Applications in Development > OutStagram1

OutStagram1

EDIT DELETE DOWNLOAD TEST IN BROWSER

Develop | Distribute

Native Platforms

Generate a mobile app that can be distributed through app stores and can use native capabilities.

GENERATE ANDROID APP

GENERATE IOS APP

Generating and testing mobile apps

Progressive Web App (PWA)

Mobile-optimized apps that work on any device and can be installed from the browser.

Scan the code to access your app and add it to your device's home screen.

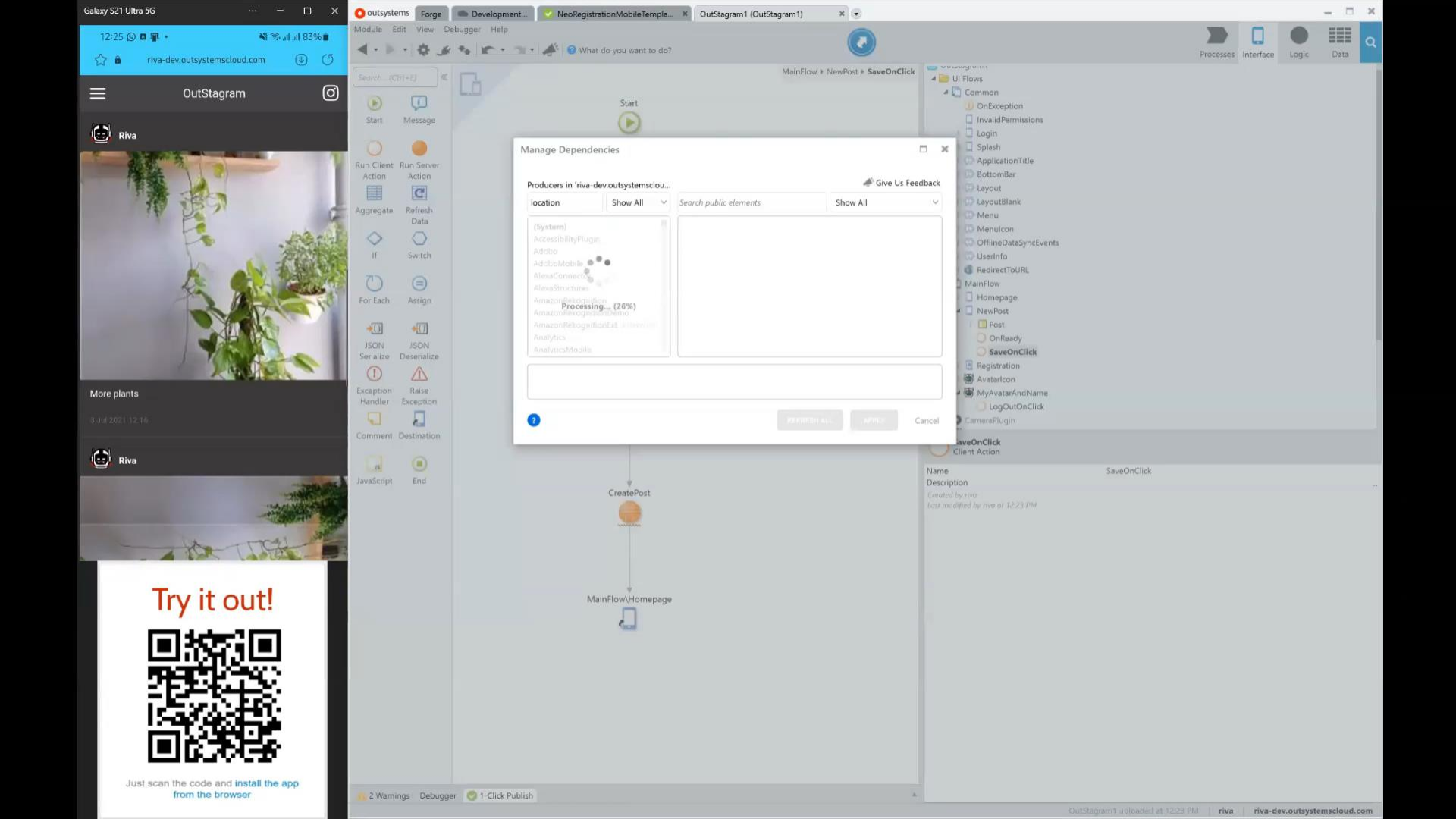
You can also click here to open in the browser

Distribute as PWA

No configurations or developer account needed.

Distributing and customizing PWAs

riva | riva-dev.outsystemscloud.com


Galaxy S21 Ultra 5G
12:25
83%
riva-dev.outsystemscloud.com
OutStagram
Riva
More plants
Riva
Try it out!
Just scan the code and install the app from the browser
outsystems
Forge
Development...
NeoRegistrationMobileTempla...
OutStagram1 (OutStagram1)
Module
Edit
View
Debugger
Help
What do you want to do?
Processes
Interface
Logic
Data
Start
Message
Run Client Action
Run Server Action
Aggregate
Refresh Data
If
Switch
For Each
Assign
JSON Serialize
JSON Deserialize
Exception Handler
Raise Exception
Comment
Destination
JavaScript
End
MainFlow ▸ NewPost ▸ SaveOnClick
Start
Manage Dependencies
Producers in 'riva-dev.outsystemsclou...
Give Us Feedback
location
Show All
Search public elements
Show All
Processing... (26%)
Cancel
CreatePost
MainFlow\Homepage
UI Flows
Common
OnException
InvalidPermissions
Login
Splash
ApplicationTitle
BottomBar
Layout
LayoutBlank
Menu
MenuIcon
OfflineDataSyncEvents
UserInfo
RedirectToURL
MainFlow
Homepage
NewPost
Post
OnReady
SaveOnClick
Registration
AvatarIcon
MyAvatarAndName
LogOutOnClick
CameraPlugin
SaveOnClick
Client Action
Name
SaveOnClick
Description
2 Warnings
Debugger
1-Click Publish
riva
riva-dev.outsystemscloud.com

outsystems Forge Development - awsdemo-dev.outsy... JGAddinglocation (JG - Adding ...

Module Edit View Debugger Help

Open in browser

Search... (Ctrl+E)

Suggestions

Field Services... Work Orders List

Others

Container If

abc Text x.y Expression

Table List

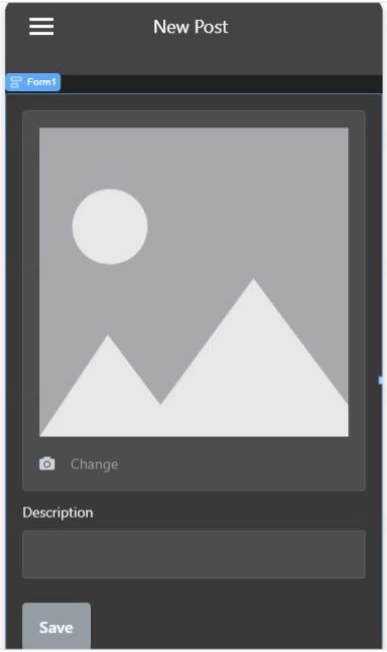
List Item Form

A: Label Input

Text Area Switch

Checkbox Radio Group

MainFlow ▸ NewPost



Processes Interface Logic Data

Elements Widget Tree

JGAddinglocation
UI Flows
Common
MainFlow
Homepage
NewPost
Registration
AvatarIcon
CameraPlugin
GoogleMapsMobile
LocationPlugin
OutSystemsCharts
OutSystemsMaps
OutSystemsUI
Images

Form1

Properties Styles

Name Form1

Style Classes "form card"

Attributes

Property

Value

Events

Event

Handler

1 Warning Debugger 1-Click Publish

Security Warnings	Solve all the security warnings to prevent security issues.	1:42 PM
Uploading	Storing a new version into 'https://awsdemo-dev.outsystemscloud.com/ServiceCenter'.	1:42 PM
Compiling	Generating and compiling optimized code and database scripts.	1:42 PM
Deploying	Updating database model and deploying the web application.	1:42 PM
Done	'JGAddinglocation' is now available at 'https://awsdemo-dev.outsystemscloud.com/JGAddinglocation'.	1:43 PM

Entry Registration Open in browser Close

JGAddinglocation uploaded at 1:42 PM jennifer.galvin@outsystems.com awsdemo-dev.outsystemscloud.com

outsystems Forge Development - awsdemo-dev.outsy... jgaddrekognitionforfacialandm...

Module Edit View Debugger Help

Open in browser

Search... (Ctrl+E)

Swipe Right Action Swipe Left Action

MainFlow ▸ Homepage

Processes Interface Logic Data

Elements Widget Tree

Suggestions

Field Services... Work Orders List

Others

Container If

Text Expression

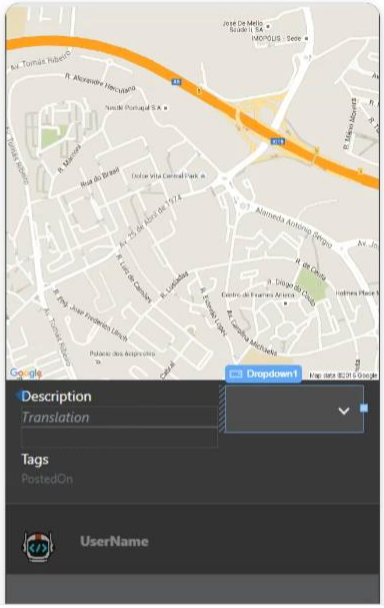
Table List

List Item Form

Label Input

Text Area Switch

Checkbox Radio Group



jgaddrekognitionforfacialandmooddet
UI Flows
Common
MainFlow
Homepage
MaxRecords
GetLanguageCodes
GetPosts
OnScrollEnding
Translate
NewPost
Post
OnReady
SaveOnClick
Registration

Dropdown1

Properties Styles

Name	Dropdown1
Variable	GetPosts.List.Current.targetLangu
List	GetLanguageCodes.List
Options Content	Text Only
Options Text	LanguageCode.Language
Options Value	LanguageCode.Code
Mandatory	False
Enabled	True
Empty Text	"English"
Style Classes	"dropdown"

Attributes

Property

Value

Events

On Change Translate

(New Argument)

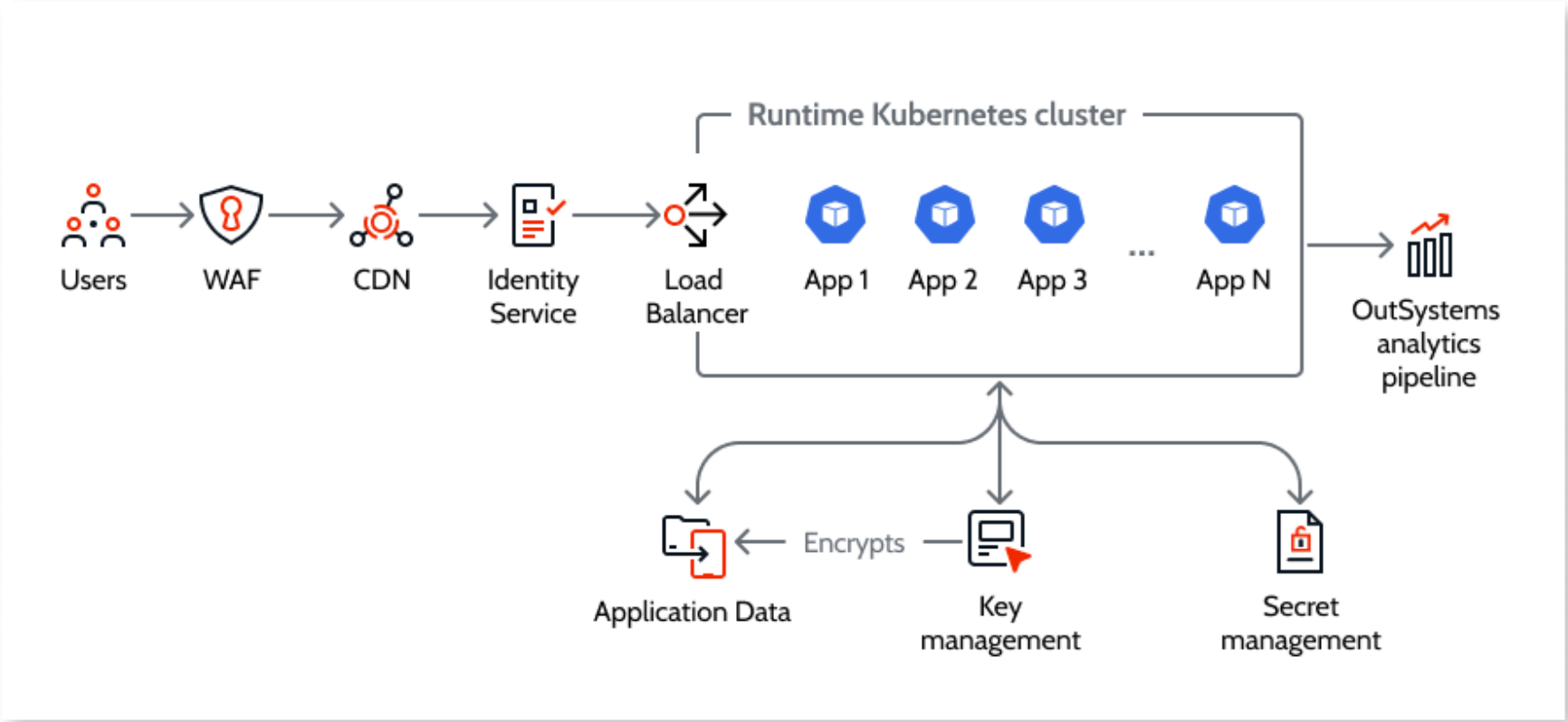
1 Warning Debugger 1-Click Publish

Security Warnings	Solve all the security warnings to prevent security issues.	4:23 PM
Uploading	Storing a new version into 'https://awsdemo-dev.outsystemscloud.com/ServiceCenter'.	4:23 PM
Compiling	Generating and compiling optimized code and database scripts.	4:23 PM
Deploying	Updating database model and deploying the web application.	4:23 PM
Done	'jgaddrekognitionforfacialandmooddet' is now available at 'https://awsdemo-dev.outsystemscloud.com/jgaddrekognitionforfacialandmooddet'.	4:24 PM

Entry Registration Open in browser Close

jgaddrekognitionforfacialandmooddet uploaded at 4:23 PM jennifer.galvin@outsystems.com awsdemo-dev.outsystemscloud.com

What just happened



Thank you!

Jennifer Galvin

Jennifer.Galvin@outsystems.com



Please complete the session survey in the **mobile app**

aws

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