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OutSystems Jump Start Workshop

Vorstellungsrunde

Tell us about yourself

- ✓ Wer & Woher
- ✓ Job
- ✓ Erwartung



- ✓ Low-Code
- ✓ Company Overview
- ✓ Platform Overview
- ✓ Live Demo
- ✓ **Hands on: Build a web application (1/2)**
- ✓ Great UI - Meet OutSystems UI
- ✓ **Hands on: Build a web application (3)**
- ✓ Mittagspause
- ✓ Integration Capabilities
- ✓ **Hands on: Build a web application (4)**
- ✓ (Mobile) Application development
- ✓ Live Demo
- ✓ **Hands on: Build a mobile app**
- ✓ Operations
- ✓ Architecture & Security
- ✓ Your Success Program
- ✓ Q&A



Sie müssen Ihr Unternehmen digitalisieren und transformieren, um zu überleben



Viele Unternehmen kämpfen mit...



**Massive
Backlogs**



**Keine Zeit für
Innovationen**



**Fehlende
Ressourcen**



**Komplexe
Systeme**



Und dieses Problem wird immer schlimmer...



Unternehmen benötigen
eine bessere
Möglichkeit,
Anwendungen zu
erstellen



Die führende Low-Code-Plattform

✓ für eine unglaublich schnelle Erstellung von Apps für Unternehmen



Visuelle Full-Stack
Entwicklung



Umfassendes
Life-Cycle Management



Bereitstellung
für jedes Gerät

✓ echte Geschäftsergebnisse zu erzielen



Wandeln Sie Ihr
Geschäft schneller



Reduzieren Sie Ihre
IT-Gesamtkosten



Steigern Sie die
Produktivität Ihres
Entwicklerteams



Bauen Sie ein
unglaublich agiles
digitales Team auf



OutSystems

Bauen Sie eine kontinuierliche Bereitstellungsmethode auf

✓ ohne Overhead



Wandeln Sie Ihr
Geschäft schneller



Reduzieren Sie Ihre
IT-Gesamtkosten



Steigern Sie die
Produktivität Ihres
Entwicklerteams



Bauen Sie ein
unglaublich agiles
digitales Team auf

Kundenbeispiel: FICO®

In einem Drittel der Zeit baute FICO® seine Customer Engagement-Lösungen mit OutSystems von Grund auf neu auf



OutSystems

Abbau der technischen Verbindlichkeiten



Wandeln Sie Ihr
Geschäft schneller



Reduzieren Sie Ihre
IT-Gesamtkosten



Steigern Sie die
Produktivität Ihres
Entwicklerteams



Bauen Sie ein
unglaublich agiles
digitales Team auf

Kundenbeispiel: Logitech

Logitech ersetzt Tausende von Lotus Notes-Anwendungen durch OutSystems und steigert damit die betriebliche Effizienz erheblich



OutSystems

Jeder wird zu einem großartigen Frontend-Entwickler

- ✓ Kein verwaister Code den niemand versteht
- ✓ Wartung wird zum Vergnügen



Wandeln Sie Ihr
Geschäft schneller



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IT-Gesamtkosten



Steigern Sie die
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Bauen Sie ein
unglaublich agiles
digitales Team auf

Kundenbeispiel: Fidelidade

Neue Entwickler sind innerhalb von weniger als drei Wochen produktiv, da Fidelidade die Erfahrungen von End-to-End-Kunden und Agenten digitalisiert



OutSystems

Bringt Business und IT (fast) automatisch zusammen

✓ Selbst die größten Skeptiker



Wandeln Sie Ihr
Geschäft schneller



Reduzieren Sie Ihre
IT-Gesamtkosten



Steigern Sie die
Produktivität Ihres
Entwicklerteams



Bauen Sie ein
unglaublich agiles
digitales Team auf

Kundenbeispiel: Banco BPI

Banco BPI liefert brillante digitale Erlebnisse und berichtet über eine Kundenbindung von 100%



Low-Code Leader with Global Footprint

52
Countries

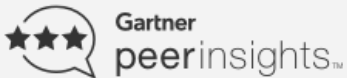
265+
Global Partners

22
Industries

220K+
Community Members



Weitere Kundenstimmen



★★★★★ 5/5

„OutSystems hat unsere Anwendungsideen übernommen und uns die Plattform gegeben, um sie Wirklichkeit werden zu lassen.“



★★★★★ 5/5

„Einfach und kraftvoll.“

„Fantastisch für schnelle Entwicklung mit Kontrolle.“



★★★★★ 4.81/5

„Ich liebe es, mit OutSystems zu entwickeln.“

„OutSystems hat mein Leben verändert.“



★★★★★ 9.4/10

„OutSystems ermöglicht es mir, mich auf das zu konzentrieren, was ich liebe: geschäftliche Probleme für meine Kunden lösen.“



„Die Low-Code Plattform von OutSystems wirkt bereits in den ersten Stunden der Nutzung sehr ausgereift. Aus unserer Sicht sind die Funktionalitäten gut durchdacht. Diese Erfahrung machten wir als Software-Entwicklungsteam des [Kommunalen Rechenzentrums Minden-Ravensberg/Lippe \(krz\)](#) beim Jump Start Training in Frankfurt.“



Benutzerdefinierte Anwendungen

The SAP logo, consisting of the letters "SAP" in a bold, white, sans-serif font.The Workday logo, featuring a white arc above the word "workday" in a lowercase, white, sans-serif font.The Salesforce logo, with the word "salesforce" in a lowercase, white, sans-serif font.The Oracle logo, with the word "ORACLE" in a white, all-caps, sans-serif font.The NetSuite logo, featuring a white "N" icon above the word "NETSUITE" in a white, all-caps, sans-serif font.

Entdecke die Möglichkeiten

Digitale Kundenerlebnisse	Digitaler Betrieb	Große kundenspezifische Systeme
Mobile Apps für Kunden Kundenportale Vertriebs- und Marketing-Apps Kundendienst-Apps	Betriebsanwendungen Finanz-Apps HR-Apps	Bank- und Finanzdienstleistungen Versicherungen Dienstprogramme Energie Telco ...und mehr
    		



OutSystems

Entdecke die Möglichkeiten

Digitale Kundenerlebnisse	Digitaler Betrieb	Große kundenspezifische Systeme
   JOSÉ DE MELLO  AXA  randstad  WOOFY  SAFEWAY	 abbvie  Mercedes-Benz GLENCORE  Coca-Cola  logitech  ING  NHS  Prudential	 <i>estafeta</i>  Liberty Seguros  FICO  TOYOTA  intel charles river  EMC ²  Vopak  Atos
 SAP  workday  salesforce  ORACLE  NETSUITE		

Warum ist OutSystems die #1 unter den Low-Code Plattformen?



1. Unschlagbare
Geschwindigkeit



2. Mit allem integrierbar



3. Standardmäßig hohe
User Experience



4. Low-Code ohne
Einschränkungen



5. Eingebaute
Sicherheit



6. Massive
Skalierbarkeit



7. Unverwüchtlicher Einsatz



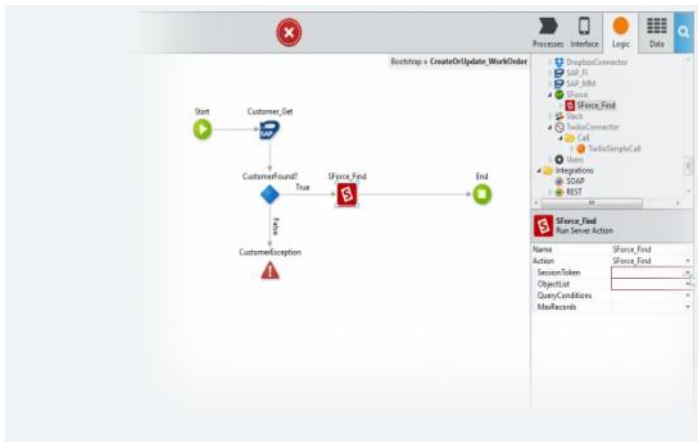
8. Metriken von
Bedeutung



Unschlagbare Geschwindigkeit

- ✔ Datenmodell
- ✔ Business Logik
- ✔ Business Prozesse
- ✔ User Interface
- ✔ Web & Mobil (native)
- ✔ Integration
- ✔ Analyse
- ✔ Monitoring
- ✔ Jederzeit erweiterbar durch eigenen Code





OutSystems

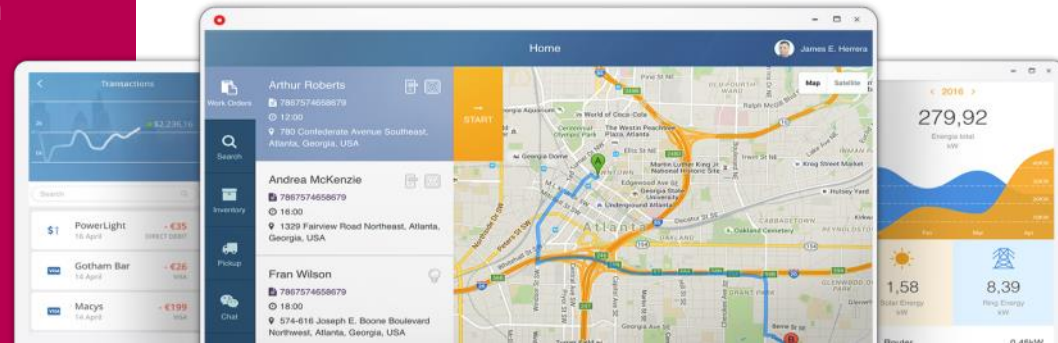
Mit allem integrierbar

- ✓ Vorgefertigte Konnektoren
- ✓ SOAP- und REST-Integration ohne Kodierung
- ✓ Verbinden Sie sich mit beliebigen Cloud-Diensten
- ✓ Mit Workflow und Geschäftslogik orchestrieren
- ✓ Bauen Sie Ihre eigenen Konnektoren

OutSystems

Standardmäßig hohe User Experience

- ✓ Schöne Designmuster und Widgets
- ✓ Reaktionszeit unter 80 Millisekunden
- ✓ Drag-and-Drop mit pixelgenauer Kontrolle
- ✓ Erweiterung mit eigenem UI-Code
- ✓ Einmal für Responsive Design entwickeln
- ✓ Sofort auf dem Gerät sehen und testen



OutSystems

Low-Code ohne Einschränkungen

- ✓ Umschließen und vorhandenen Code einschließen
- ✓ Erstellen Sie wiederverwendbare Erweiterungen
- ✓ Kein Lock-In
- ✓ Keine Laufzeitinterpreter
- ✓ Keine proprietären Datenmodelle

Keine
Laufzeitinterpreter

Vorhandenen Code
einschließen

Erstellen Sie Ihre
eigenen
wiederverwendbaren
Erweiterungen



OutSystems

Unternehmensqualität

- ✓ Sicherheit
- ✓ Skalierbarkeit
- ✓ Performance
- ✓ Architektur
- ✓ Flexible Bereitstellungen

Van Ameyde

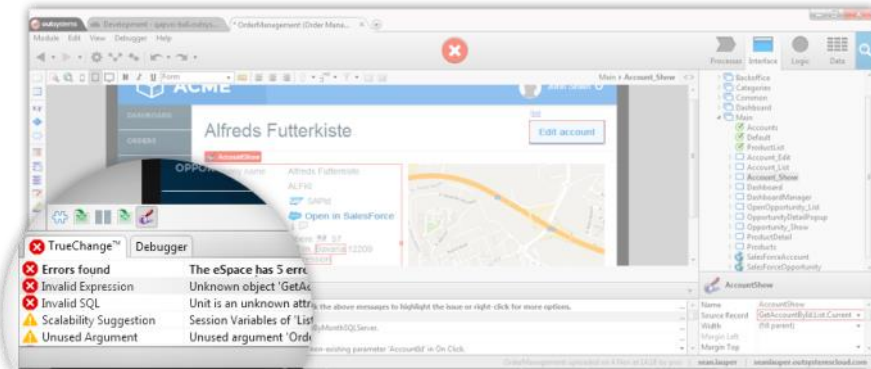
Van Ameyde entwickelte ein System, das 16 verschiedene Länder und deren einzigartige Anforderungen bei der Bearbeitung von Ansprüchen mit mehr als 835.000 laufenden Prozessinstanzen und mehr als 6.550.000 laufenden Aktivitäten unterstützt.



OutSystems

Unterbrechungsfreie Bereitstellung

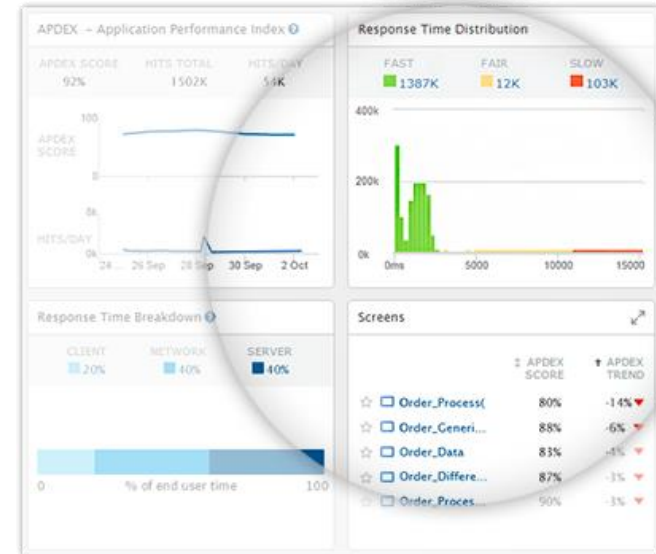
- ✓ Automatische Folgenabschätzung
- ✓ Einzelklick-Rollback
- ✓ Automatische Inszenierung
- ✓ Automatische Abhängigkeitsaktualisierungen



OutSystems

Metriken von Bedeutung

- ✓ Automatische Instrumentierung Ihrer Apps
- ✓ Überwachen Sie die Anwendungsleistung
- ✓ Echtzeit-Drilldown zur Ermittlung der Hauptursache
- ✓ Anpassbare Performance-Dashboards
- ✓ API-basierter Zugriff auf Leistungsdaten



OutSystems Kunden



Mercedes-Benz



OutSystems Functional Architecture



Developers



Dev Ops



End Users



DESIGN



DEVELOP



QA



DEPLOY



ANALYZE



MANAGE

FRONT END



BACK END



Requirements Extreme Prototyping Feedback	Mobile moments, Experiences	Guarantee functionality & UX across channels Change without breaking Quick testing Fast feedback & fixing	Distribute to stores / MDM, Push updates	Monitor adoption, experience, engagement, quality Monitor biz/operation, performance, quality	Manage portfolio Govern Teams Govern APIs Versions Policies Operate applications and services
	Cross channel, Desktop		Continuous Deployment		
	Business APIs, Microservices Rules, Processes Analytics, Events Orchestration Integration		Continuous integration / deployment ... across systems		

CONTINUOUS ITERATIONS
CONTINUOUS DELIVERY

Platform Application Services



Forge Marketplace



Integration Connectors



Identity SSO



Storage



Collaboration



Location



Messaging



Social



Data center On-premises



OutSystems Public cloud



Private Cloud

OutSystems Platform

Platform Server

It takes care of all the steps required to generate, optimize, compile, and deploy applications

Service Studio

IDE to develop web and mobile web applications

Integration Studio

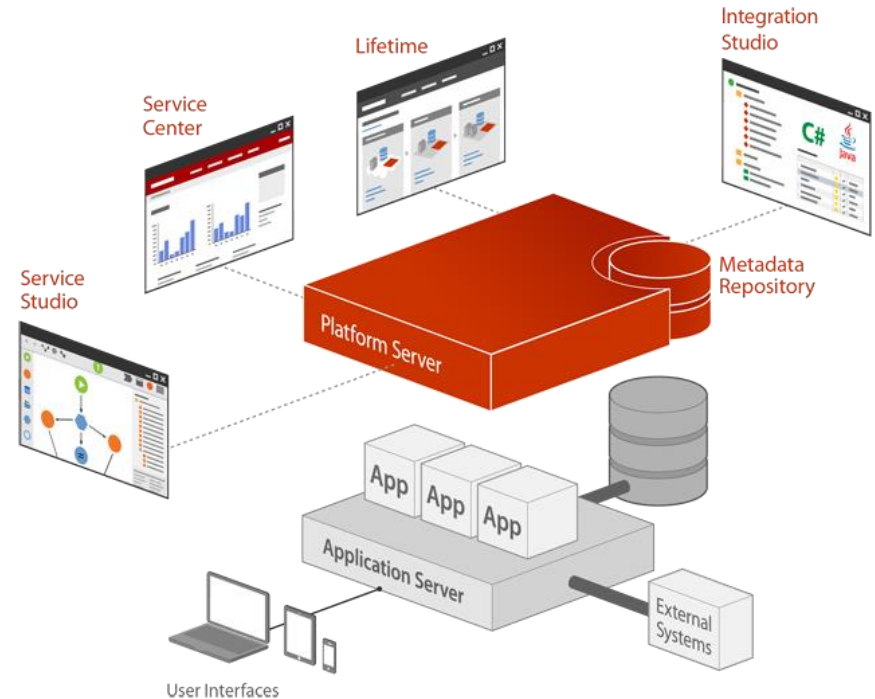
IDE to extend the language and integrate external systems

Service Center

Platform environment management console

Lifetime

Unified console with visibility of all the environments on the same OutSystems infrastructure



Service Studio

OutSystems IDE

Highly productive visual IDE

Create and change

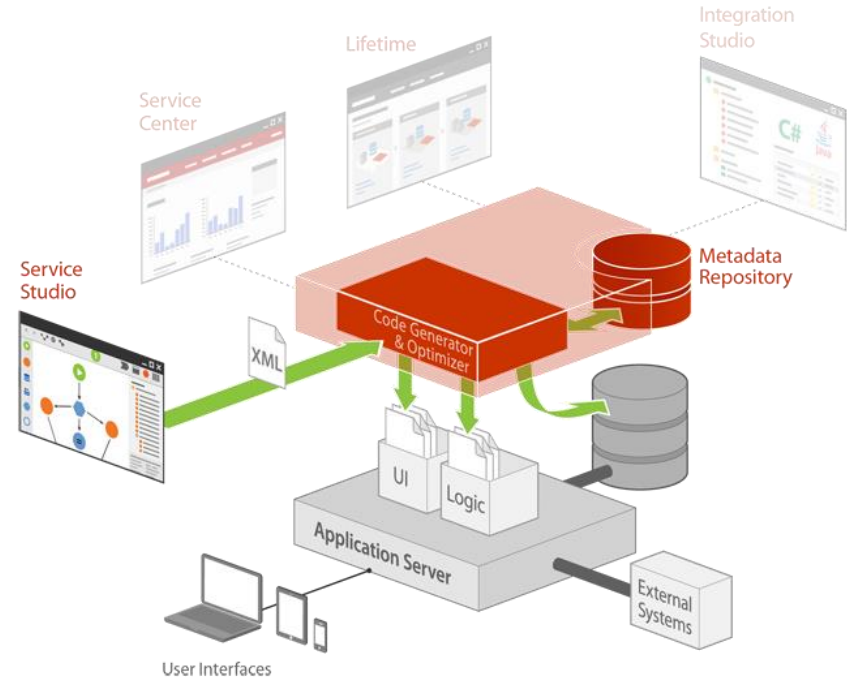
All layers of web and mobile apps

Integrated application layers

Data model, UI, processes, business logic, web services, security rules and batch jobs

TrueChange

A reference-checking and self-healing engine



Streamline DevOps processes

Stage interdependent apps and components

Simplifies staging

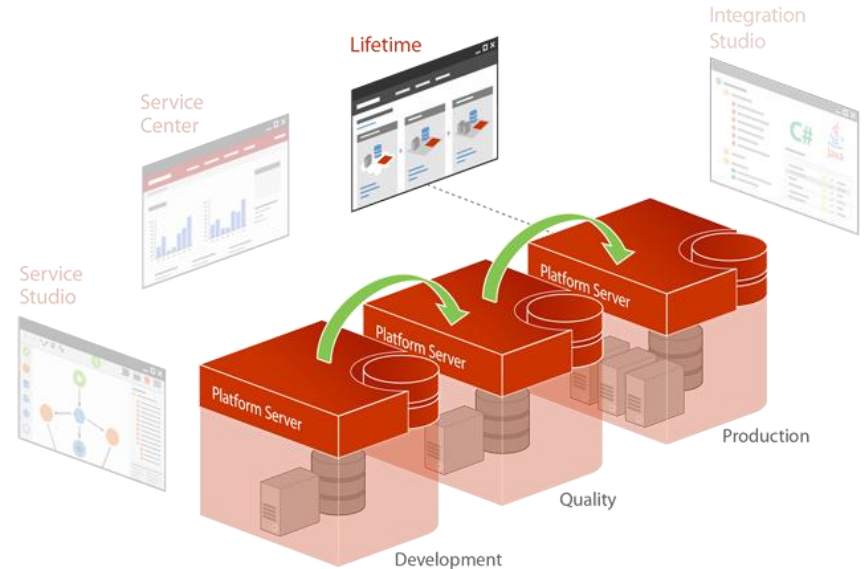
via a complete dependency analysis across environments with one click

Define your IT team's access to applications

Manage infrastructure security in a single point (users, roles and teams)

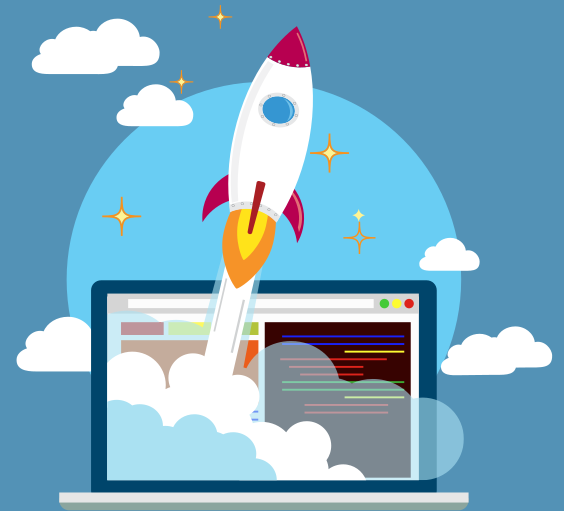
Factory management

Manages the IT users and their security as well as the deployment of applications across all environments



Rechnungseingangsworkflow

Live Demo



Build your own responsive web app

Jump Start - Exercise 1



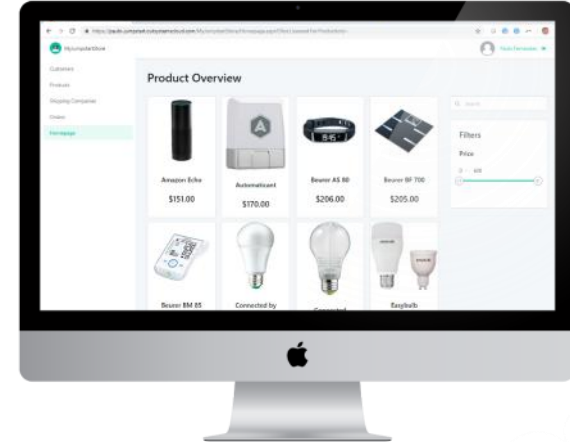
<https://www.agentbase.de/aktionen/materialien-jumpstart-training/>

“Company ACME Goods is a **retail** distribution **company** that acquires its products directly from the producers and sell them to small/medium shops, although is considering to sell them directly as well.

ACME Goods is looking for an application to **manage** their existing **customer** base information, manage their **inventory** and **relations with their shipping companies**.

Main Needs:

- Customer Information Management
- Inventory Management
- Shipping Companies Management



Download Jump Start Materials

Access the workshop materials provided

<https://www.agentbase.de/aktionen/materialien-jumpstart-training/>

MATERIALIEN ZUM OUTSYSTEMS JUMP START TRAINING

Aktionen / Materialien zum OutSystems Jump Start Training

EINRICHTUNG DER UMGEBUNG



LEITFADEN ALS PDF DATEI HERUNTERLADEN

JUMP START PRÄSENTATIONSFOLIEN



PRÄSENTATION ALS PDF LADEN

Link muss noch eingesetzt werden

JUMPSTART ÜBUNGSAUFGABEN



EXERCISE 1 - OUTSYSTEMS
WEB PORTAL



EXERCISE 2 - OUTSYSTEMS
MOBILE APP AND REST
INTEGRATION



CUSTOMERS (EXCEL-DATEI)



GADGETS CATALOG



ONLINE SHOPPING ICON



SHIPPING COMPANIES
(EXCEL-DATEI)



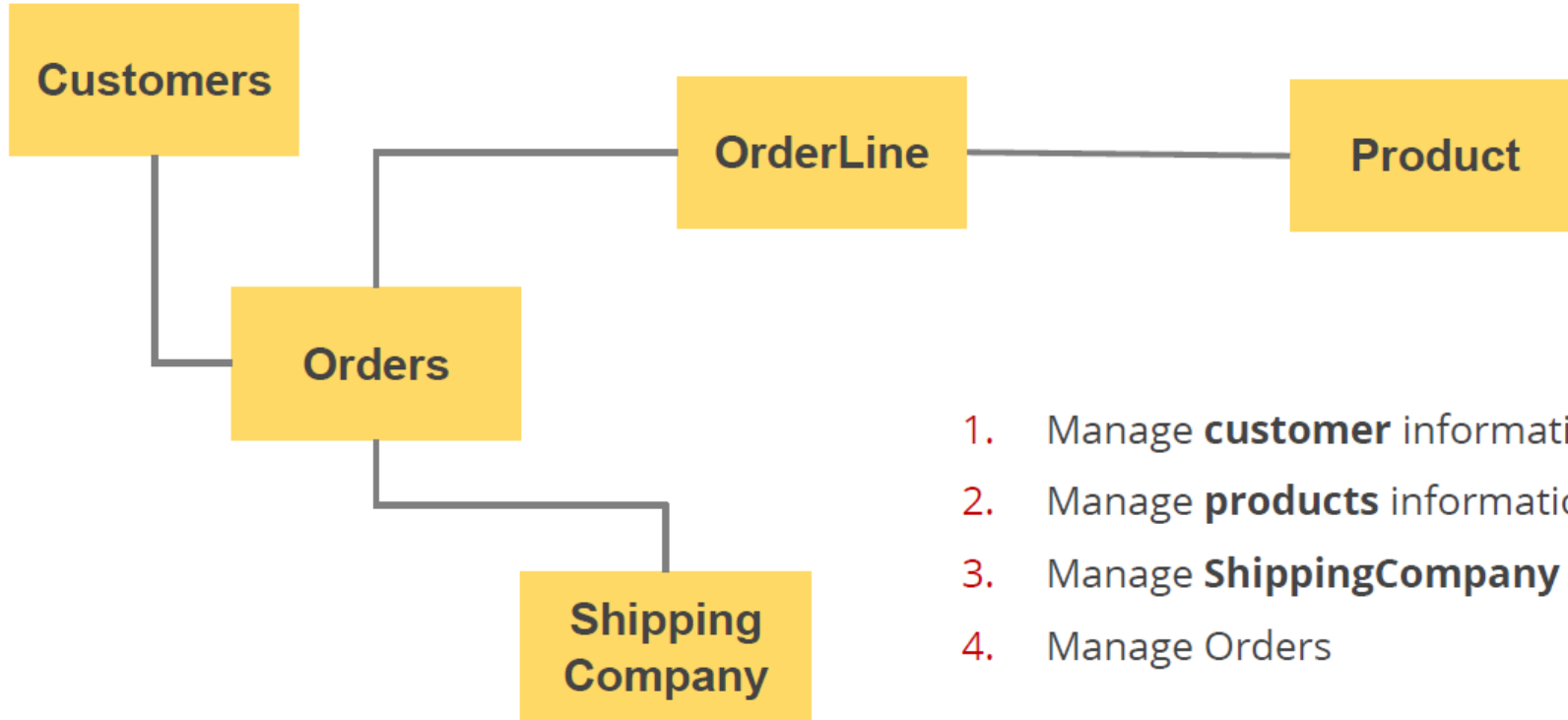
Jump Start Exercise 1

Section 1 - Customer Management

Section 2 - Products and Shipping Company



Application Design



1. Manage **customer** information
2. Manage **products** information
3. Manage **ShippingCompany** information
4. Manage Orders

Section 1

Customer Management

- ✓ Create the new Web Application
- ✓ Create and populate the Customer table
- ✓ Create the Customer list and Customer details screen
- ✓ **Deploy**



Section 2

Products and Shipping Company

- ✓ Create and populate the Product table directly from Excel
- ✓ Create Product list and details screens
- ✓ Create the ShippingCompany table and the list and details screens from the ShippingCompany-Excel
- ✓ Create the table Orders and OrderLine
- ✓ Create the list and details screen for the Orders entity
- ✓ Modifying Orders List screen (maybe there is no existing link to unlink P.47)
- ✓ Add OrderLines entity to OrderDetail screen

Great UX from day 1



OutSystems analyzed the **70** most popular apps...



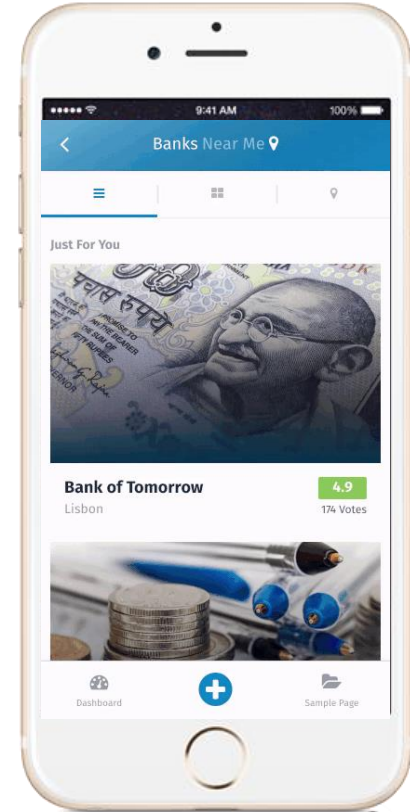
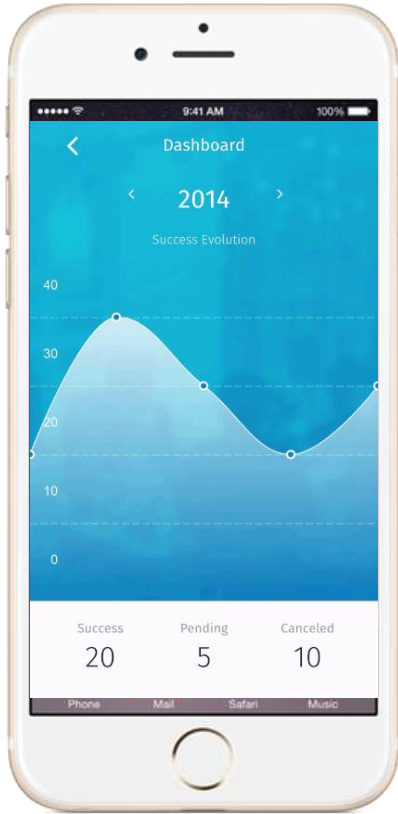
And **53** patterns and controls for **beautiful** web experiences



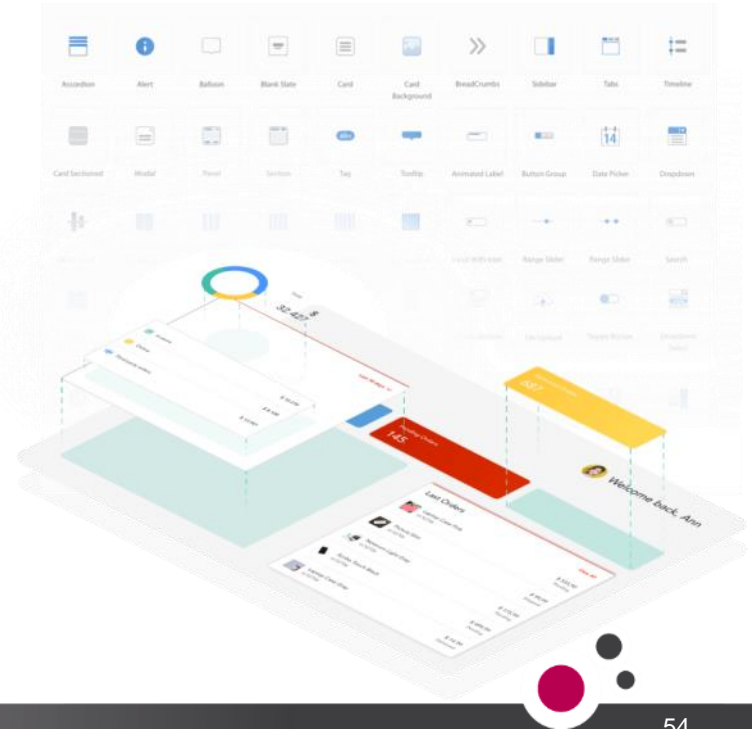
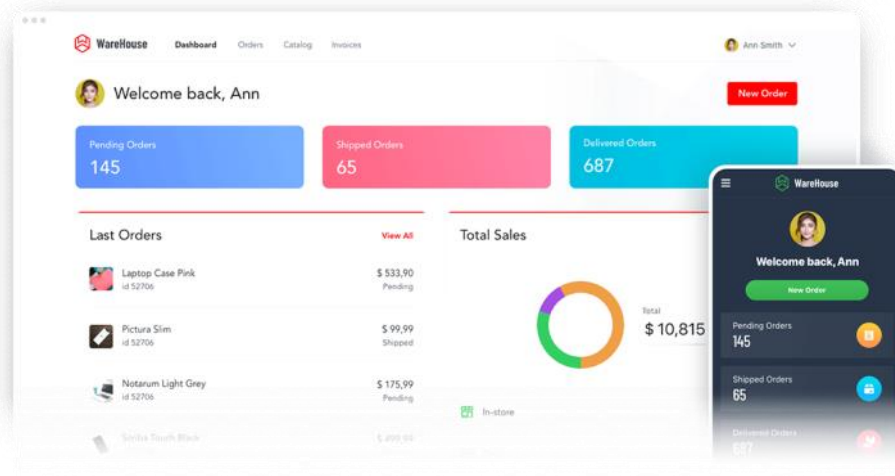
and built the **60** patterns that address 84% of mobile experiences



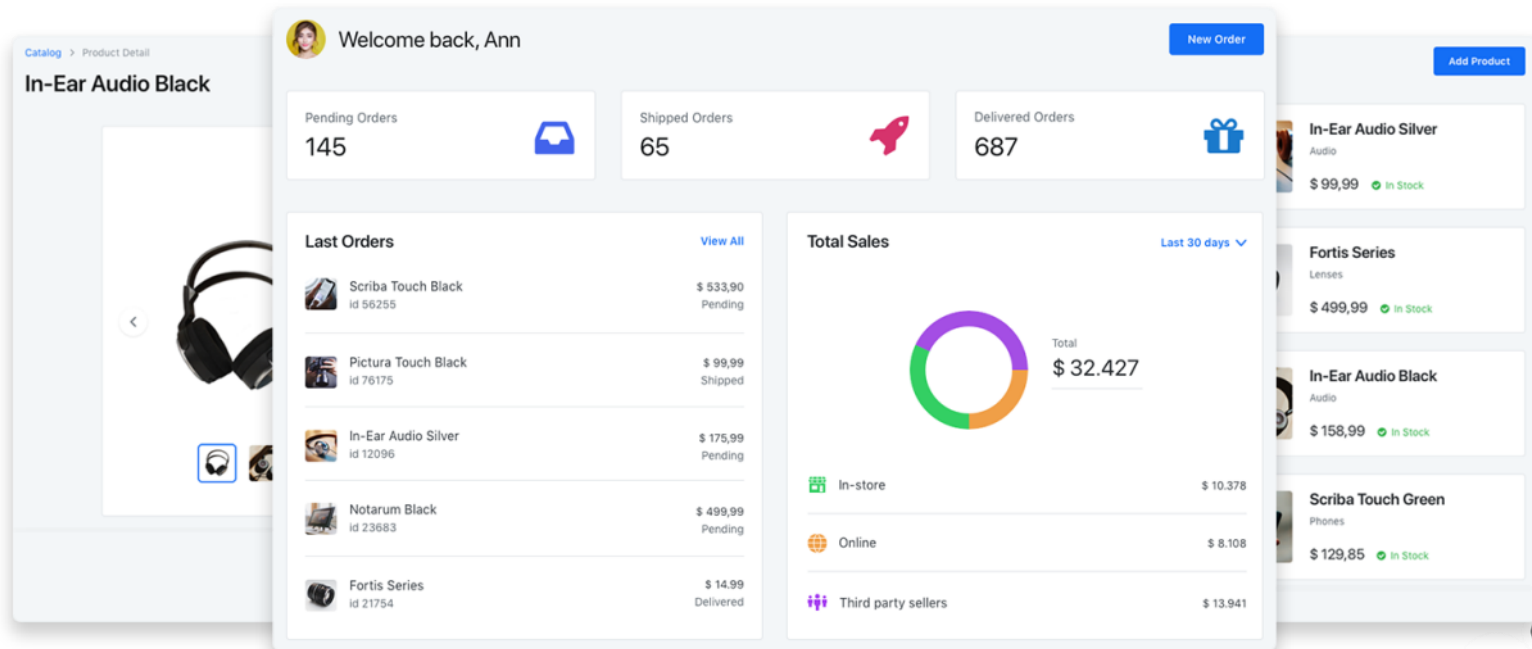
and give you **pixel-perfect** customization when you need it




Developers can access **screen templates** and **patterns** already pre-built with mock data





Making **extreme prototyping** possible right inside the Outsystems IDE



Welcome back, Ann New Order

Pending Orders 145 

Shipped Orders 65 

Delivered Orders 687 

Last Orders [View All](#)

Product	Price	Status
Scriba Touch Black (id 56255)	\$ 533,90	Pending
Pictura Touch Black (id 76175)	\$ 99,99	Shipped
In-Ear Audio Silver (id 12096)	\$ 175,99	Pending
Notarum Black (id 23683)	\$ 499,99	Pending
Fortis Series (id 21754)	\$ 14,99	Delivered

Total Sales [Last 30 days](#)

Total \$ 32.427

In-store	\$ 10.378
Online	\$ 8.108
Third party sellers	\$ 13.941

In-Ear Audio Black Audio \$ 99,99 In Stock

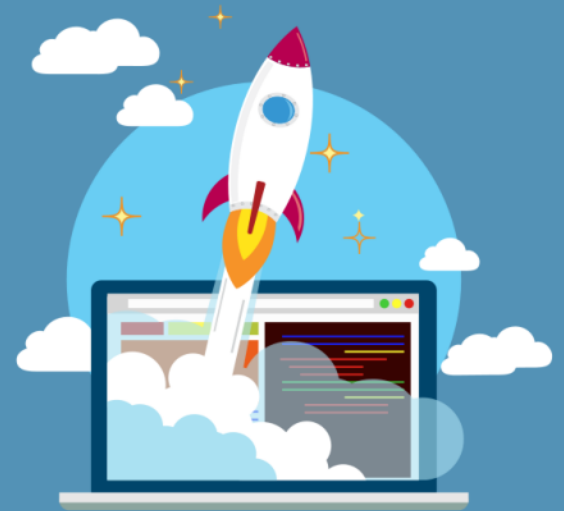
Fortis Series Lenses \$ 499,99 In Stock

In-Ear Audio Black Audio \$ 158,99 In Stock

Scriba Touch Green Phones \$ 129,85 In Stock

Jump Start Exercise 1

Section 3 – Image Gallery with fluid layout



Section 3

Image Gallery

- ✓ Create a new screen called HomePage
- ✓ Replace screen sample data with our exercise data
- ✓ Change the Image Location and remove Category filter
- ✓ Add the HomePage to the menu and change the entry point

Integration Capabilities

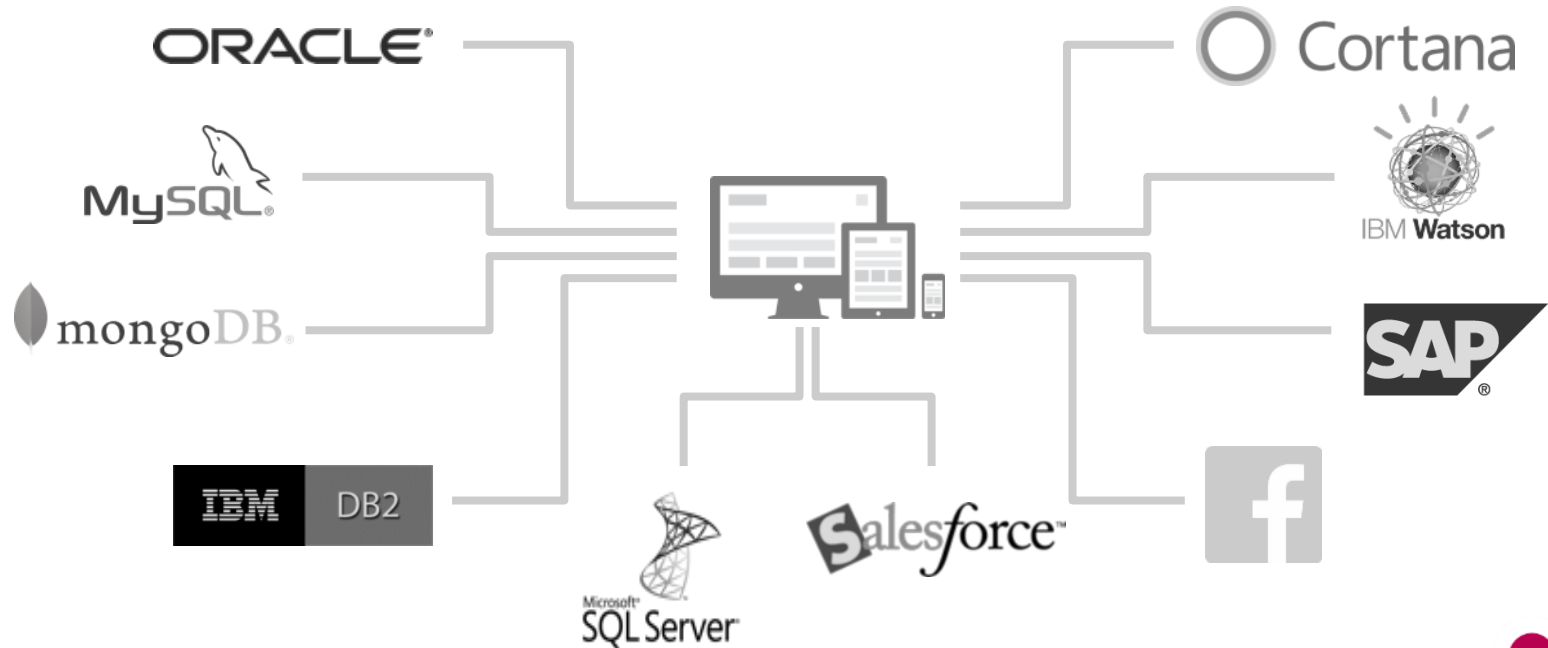
WS SOAP, REST, DB, BAPI, External Code,...



A tropical island with a dense cluster of palm trees and other greenery, situated on a thin strip of white sand beach. The island is surrounded by clear, turquoise water with visible ripples. The sky is a deep, clear blue.

no ~~man~~ app is an island

OutSystems connects **your** ecosystem



Integrate with Everything

(it's easy! It's simple!)



SOAP Web Services and REST APIs

Inspects the WSDL and JSON response to generate everything needed to invoke the service methods

SAP BAPIs

Use BAPI or ZBAPI for a specific function is simple, even with limited knowledge

Existing Databases

Microsoft SQL, Oracle, MySQL, DB2 (AS400),...

Import Excel, CSV and XML files

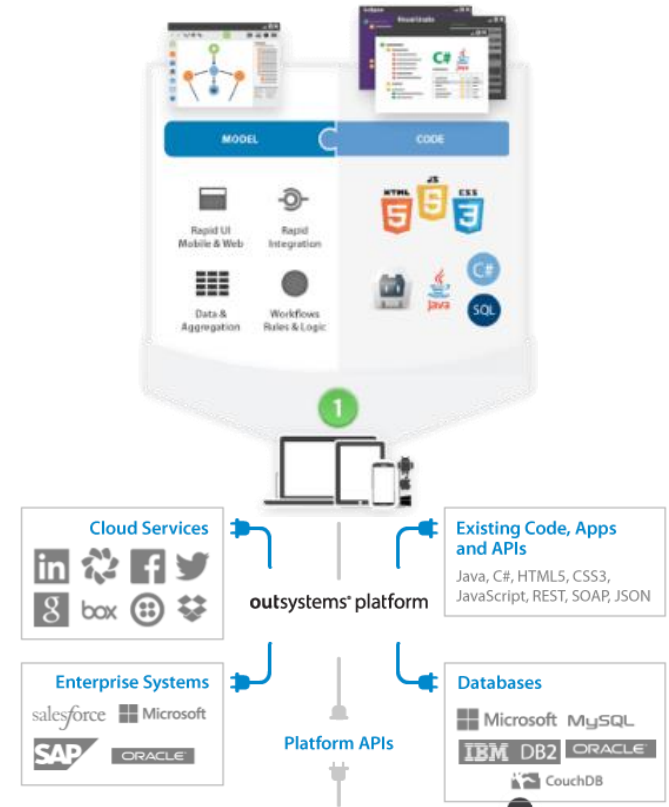
Import, export, parse it.

Available connectors for Cloud Services

In Forge, use connectors to cloud services, like Facebook, Twitter, Zendesk,...

C# code

Libraries that expose their functionality via SDKs



Jump Start Exercise 1

Section 4 – Expose REST API with your products



Section 4

Expose Rest API

- ✓ Create a Rest-API-Method for the Product list
- ✓ Extend the logic of the API Method
- ✓ View API Documentation
- ✓ Make Product table public

Bonus

Calculating Order Total

- ✓ Create a new field (LineAmount) in the OrderLine
- ✓ Create the business logic that calculates the total and stores it in the database
=> Change the Save logic of the screen
"Order_OrderLine_PopupEditor"
- ✓ Update the OrderDetail page to display the total per line

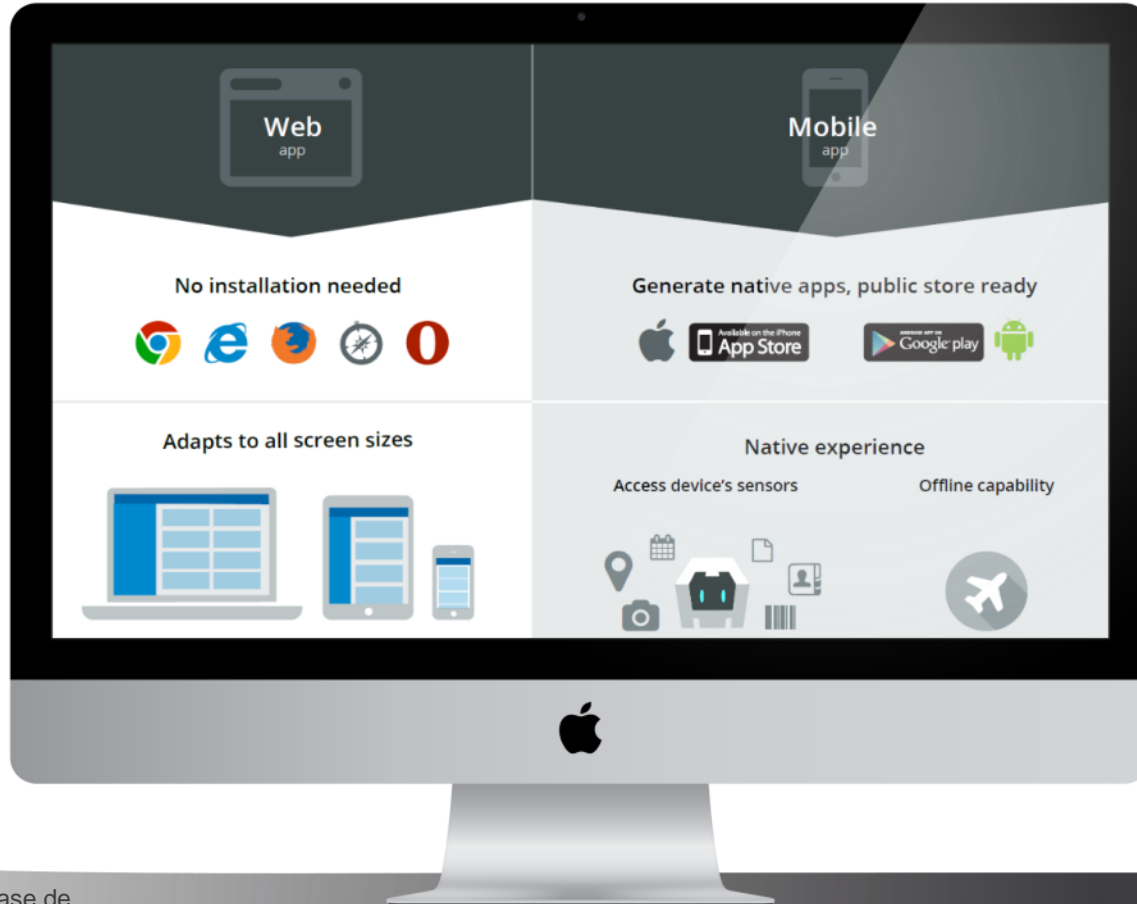


(Mobile) Application Development

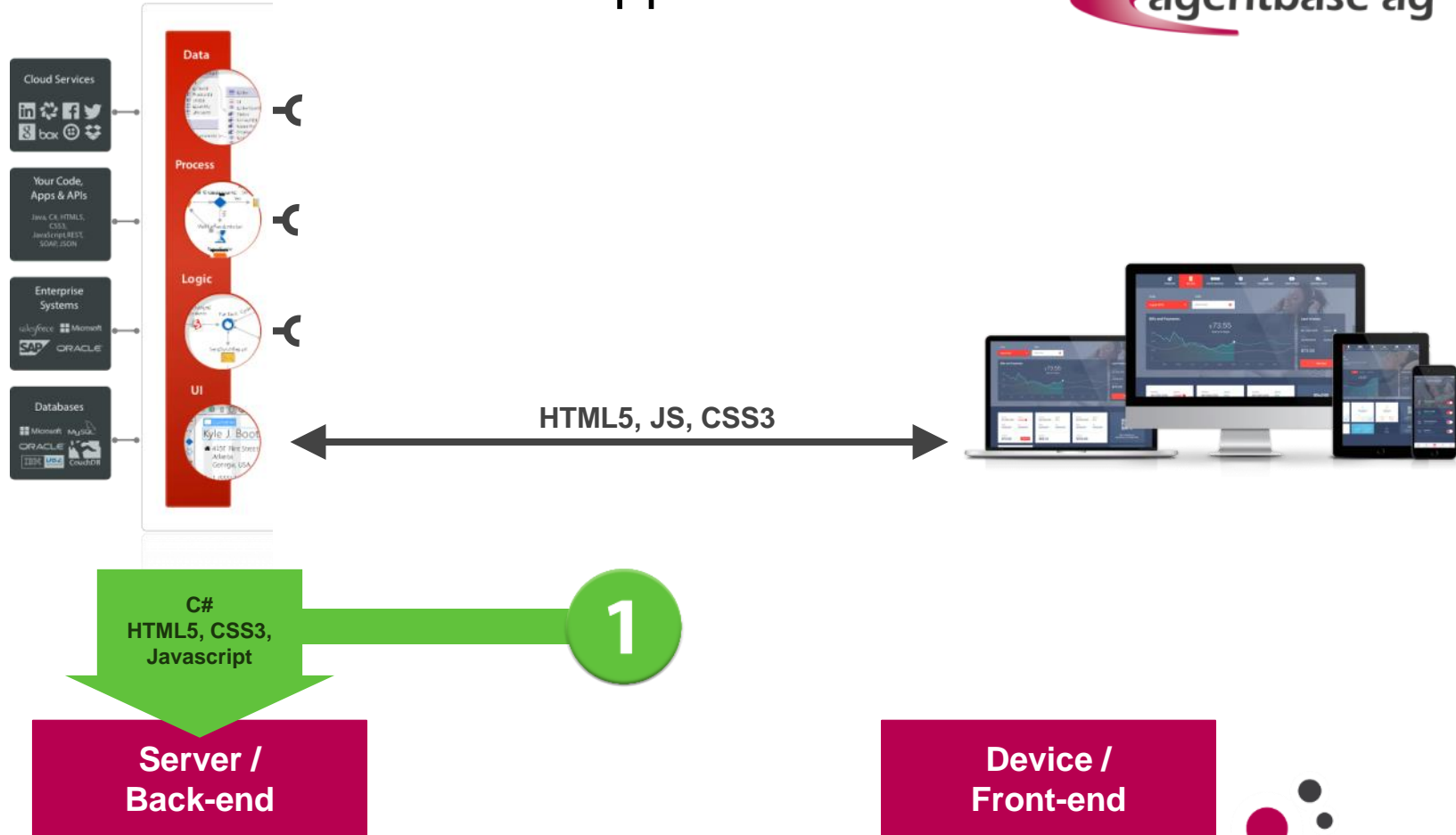
Positioning OutSystems



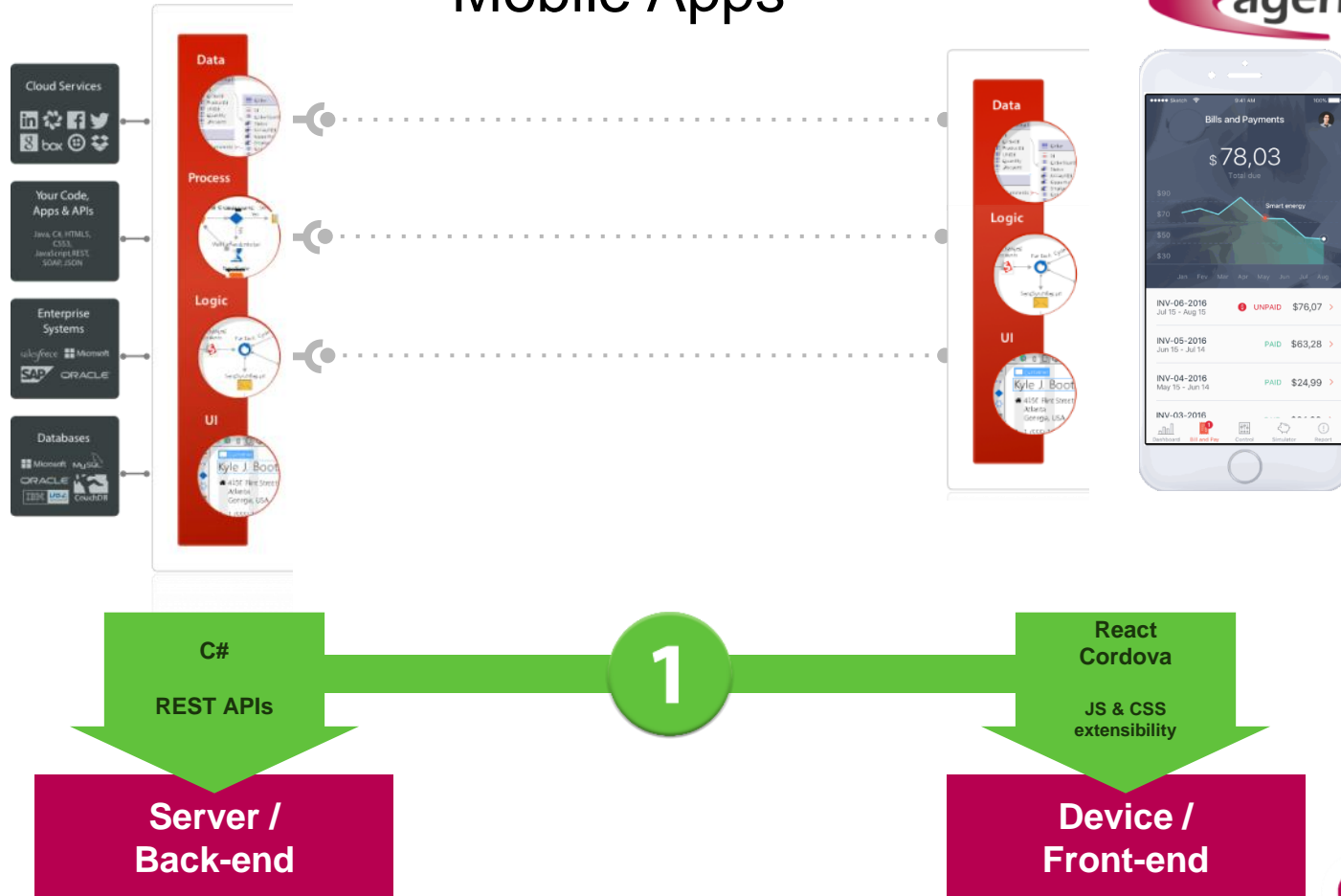
Web Vs Mobile



Web Apps



Mobile Apps



Web Apps

Server-side Logic



Database

Synchronous



Request-Response



Mobile Apps

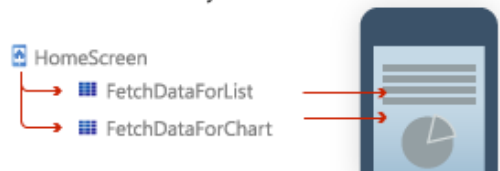


Server- and Client-side Logic



Database and Local Storage

Asynchronous



Reactive



Wait..beauty is more than skin deep...
you get low-code integration with device **sensors** and **capabilities**



and...



offline



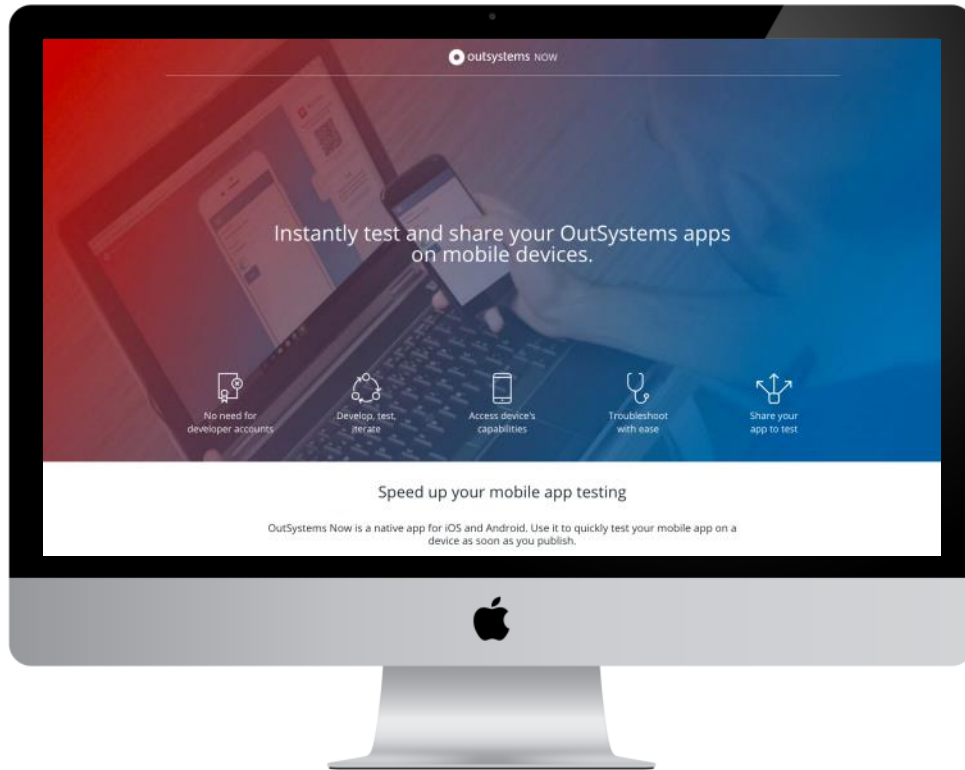
secure



on-device logic



OutSystems Now - Speed up your mobile app testing



No stores involved

Start testing on a device with paid developer's accounts.

Develop, test, iterate

Develop your application, publish and test. Iterate it.

Access device's capabilities

Take photos, scanning barcodes, get current geoLocation,...

Troubleshoot with ease

Check all JavaScript logs and troubleshoot possible issues.

Share your app to test

Anyone with the link to the app can start testing it.



Build Up a Mobile Application

Live Demo



Build your own mobile app

OutSystems Mobile - Jumpstart Exercise 2



Jump Start Exercise 2

Section 1 – Mobile Application Foundation

Section 2 – Product Gallery

Section 3 – Product Detail

Section 4 – Product Listing

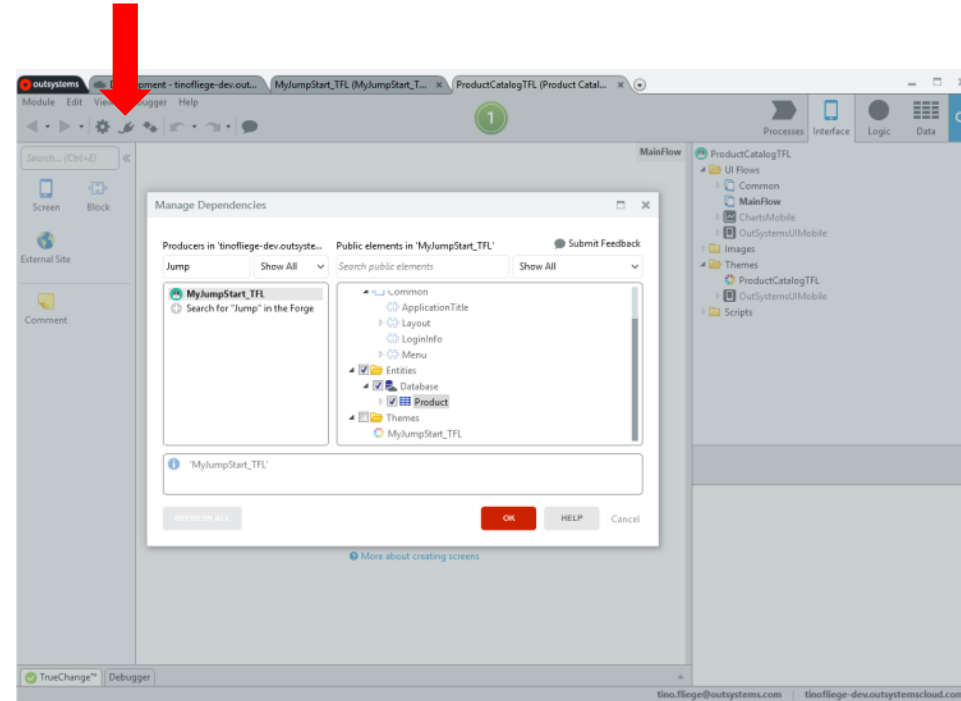
Section 5 – Mobile Barcode Scanner



Section 1

Mobile App Foundation

- ✔ Create the new Mobile Application
- ✔ Make a reference / dependency to the Product table from previous exercise



Section 2

Product Gallery

- ✓ Create Product Gallery page from a Gallery template
- ✓ Replace template data with our exercise data
- ✓ Fix the errors how described
- ✓ Deploy and test



Section 3

Product Detail

- ✓ Create Product Detail page
- ✓ Replace template data with our exercise data
- ✓ Fix the errors
- ✓ Link the Product with Product Details page
- ✓ Deploy and test



Section 4

Product Listing

- ✓ Create a new Product Listing screen as HomePage (use the Empty Template)
- ✓ Add the Product table
- ✓ Add an Image and make the necessary format changes
- ✓ Change the Product details format
- ✓ Add a Swipe Left Action
- ✓ Add pages to the menu (UI / UI Flows / Common / Menu)
- ✓ Deploy and test

Section 5

Mobile Barcode Scanner

- ✓ Install the Barcode Plugin from Forge
- ✓ Make a reference / dependency to the Barcode Plugin as you did before with Products table
- ✓ Add the Barcode icon to the HomePage and extend the Logic as described
- ✓ Deploy and test in OutSystems Now



Consume REST API 1

- ✓ Watch <https://www.youtube.com/watch?v=RnOo4Ap7Oto&t=0s&list=PLaxrSw3Eft4FziLc6fNPKjPhkHrroD4bc&index=2>
- ✓ Logic / Integrations / REST / Consume and select Single Method
- ✓ In the GET field enter: https://<your environment>/<your web app name>/rest/Products/GetProducts (e.g. https://tinofliege-dev.outsystemscloud.com/MyJumpStart_TFL/rest/Products/GetProducts)
- ✓ Go on Test Tab and click Test (in the Response tab you should see 200 OK)
- ✓ Copy this to the Response Body and click OK
- ✓ Create a screen from Empty template (Name: ProductRest)
- ✓ Fetch Data from other Sources and name it GetProducts, Drag & Drop the REST API from before to this action

Consume REST API 2

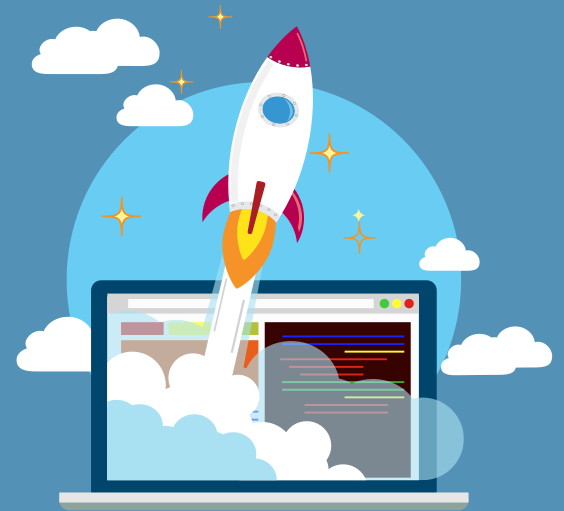
- ✓ Create a screen from Empty template (Name: ProductRest)
- ✓ Fetch Data from other Sources and name it GetProducts
- ✓ Drag & Drop the REST API from before to this action
- ✓ Rename the output parameter to Products and double click on the Data Type within Properties => Products: List of GetProductResponse
- ✓ Within the Action GetProducts insert an Assign (Products = GetProducts.Responde)
- ✓ Drag and Drop an If Statement from the Toolbar to the Content Container of the ProductRest screen and make sure the fetch is not empty
- ✓ Drag and Drop a List from the Toolbar to the True branch of the If and a Blank Slate in a Container in the False Branch
- ✓ Select the icon: frown and type the text “No Products” below it

Consume REST API 3

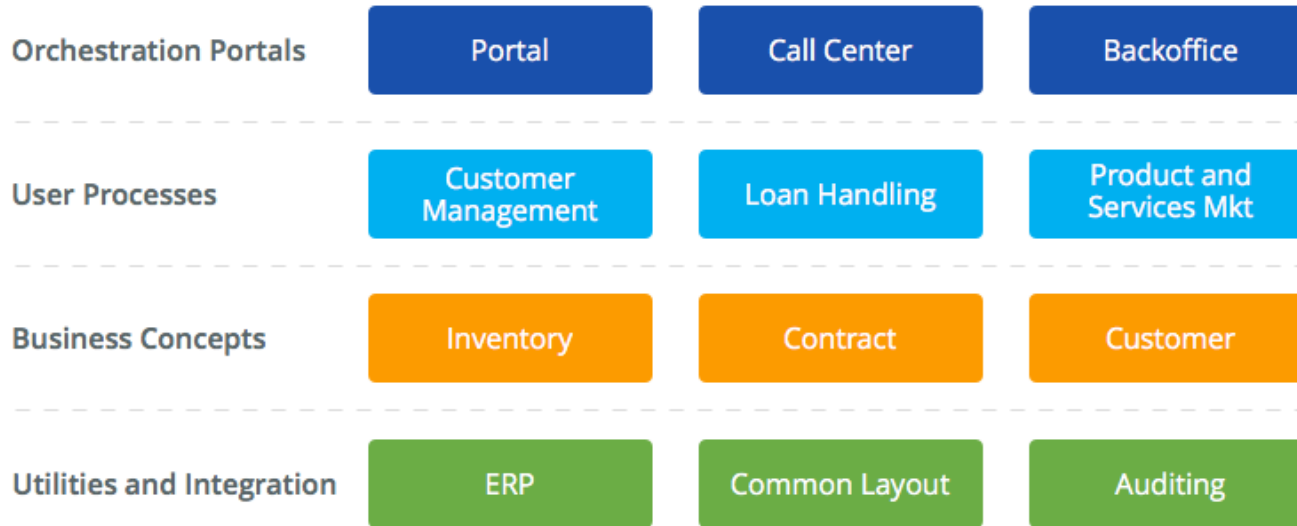
- ✓ Go back to the List and select the right source (`GetProducts.Products`)
- ✓ Drag and Drop an Animate interaction from the Toolbar to the List and a Card Item (!) into that Animate
- ✓ Drag and Drop an Image into the left part of the Card Item and change the image type and URL you did before
- ✓ Drag and Drop an Expression into the Title area of the Card Item and select the `ProductName` (Do the same for the Product Description in the Content placeholder)
- ✓ Replace the Icon on the right with an Expression and show the Price (`FormatCurrency(GetProducts.Products.Current.Price,"€",2,".",",")`)
- ✓ Finally add that screen to the menu, like you did it before
- ✓ Deploy and Test

Architecture and Security

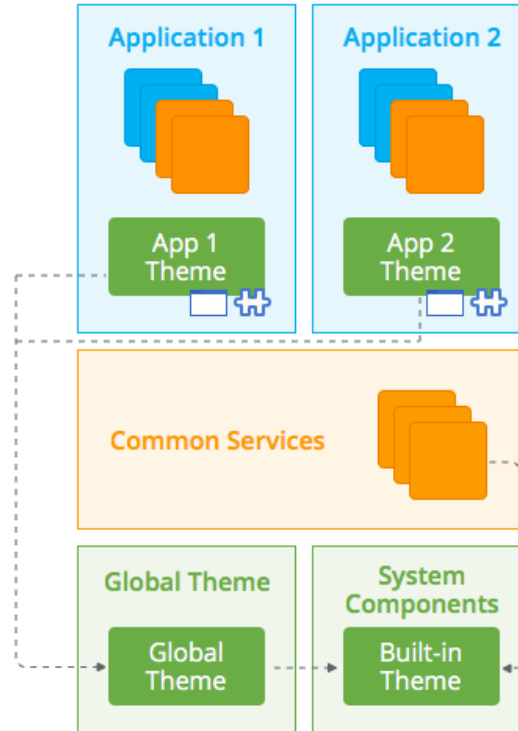
What is under the hood



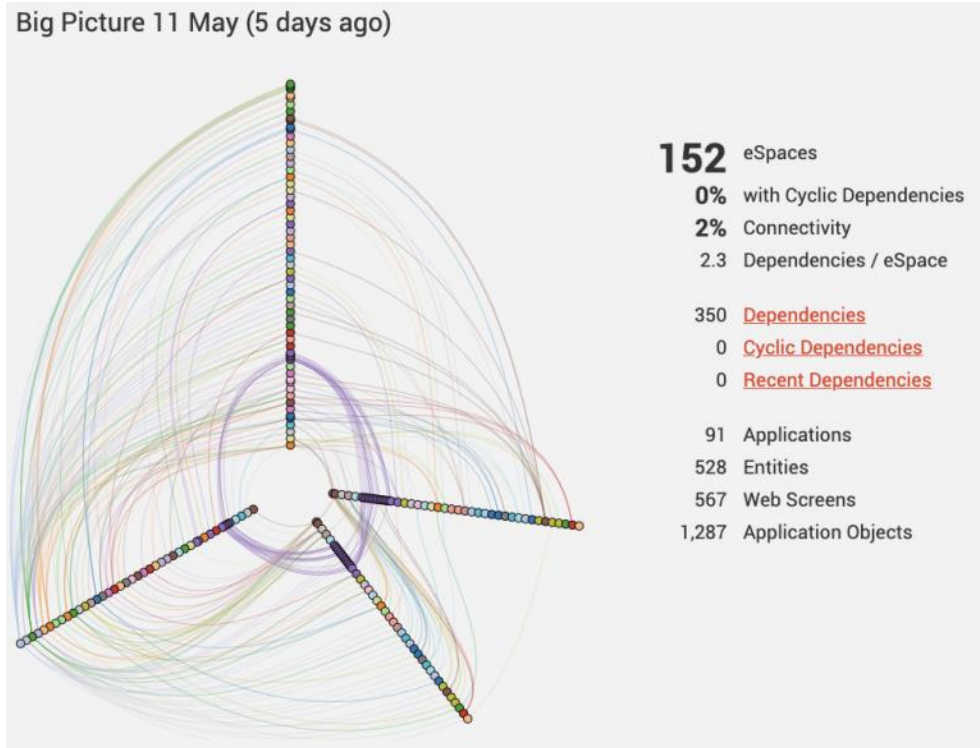
How 4 Layer Canvas Enables Reusability



How 4 Layer Canvas Enables Reusability



How 4 Layer Canvas Enables Reusability



How 4 Layer Canvas Enables Reusability



Enduser

- Smart Power Portal/ SmartPowerPortal (oml)

Core

- Smart Power Core/ SmartPowerCore (oml)

Core Widgets

- Google Maps/ Google_Maps (oml)
- Google Analytics Web/ GoogleAnalyticsWeb (oml)
- Smart Power Resources/ SmartPowerResources (oml)

Library

- Charts Web/ Charts (oml)
- System Components/ HTTPRequestHandler (uif)
- OutSystems UI Web/ OutSystemsUIWeb (oml)
- Users/ Users (oml)
- ZKING Services/ ZXingServices (oml)



Enduser

- Smart Power/ SmartPower (oml)

Core

- Smart Power Core/ SmartPowerCore (oml)

API

- OneSignal Plugin/ OneSignalAPI (oml)

Core Widgets

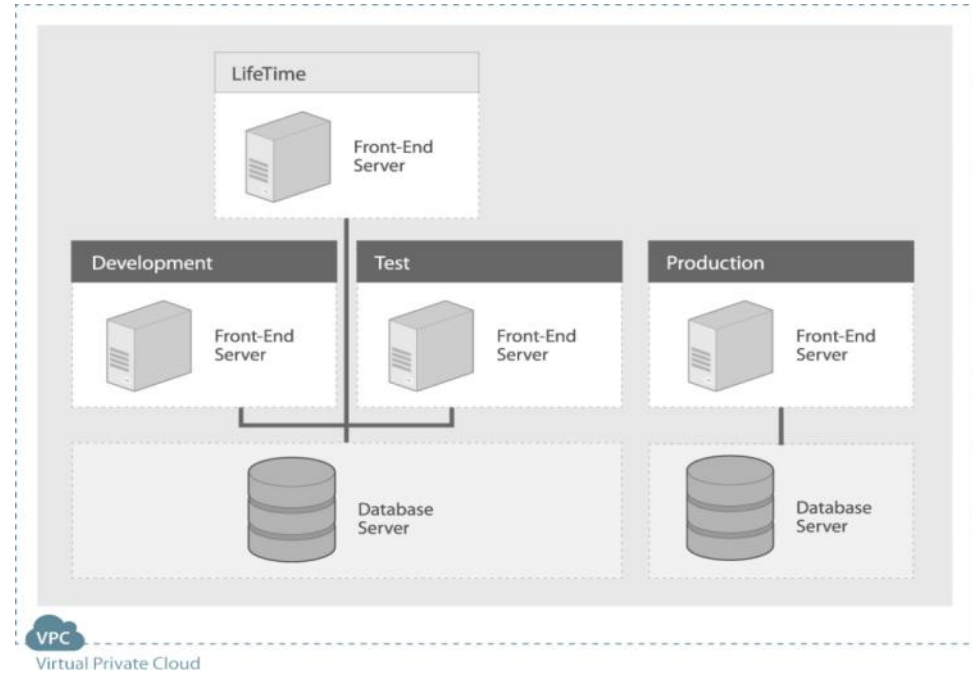
- DT Google Analytics/ DTGoogleAnalytics (oml)
- Google Maps Mobile/ GoogleMapsMobile (oml)
- Smart Power Resources/ SmartPowerResources (oml)

Library

- Card ID Plugin/ CardIDPlugin (oml)
- Charts Mobile/ ChartsMobile (oml)
- Common Plugin/ CommonPlugin (oml)
- Cordova Keyboard Plugin/ CordovaIOSKeyboardPlugin (oml)
- Firebase Core/ FirebaseUtils (uif)
- OneSignal Plugin/ OneSignalPlugin (oml)
- OutSystems UI Mobile/ OutSystemsUIMobile (oml)
- Speech Recognition Plugin/ SpeechRecognitionPlugin (oml)

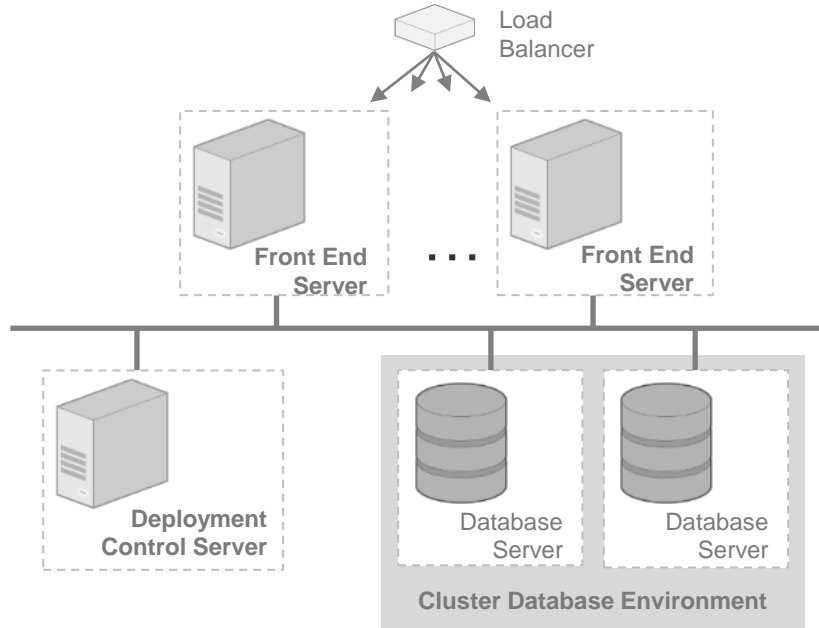
OutSystems Architecture

Typical Physical Architecture



High Performance and Availability

Farm configuration for high scalability



Horizontal Scalability
Load Balancing
Database clustering
Content Delivery Networks
Reverse Proxies
...

OutSystems Platform architecture is compliant with industry standards



Security & Privacy

Application Security

Built-in security Framework

- Role based security
- Single-Sign-on
- Security API for role based business rules
- Extensible authentication model

Code Generation

- Encrypted password for DB connections
- SQL and C# code injection prevention
- Dedicated and isolated DB connection pools
- Strong session identifier validation mechanisms
- Total runtime isolation and containment
- Full exception handling



Deployment & Architecture

- Application isolation in different frontends / network areas
- Multi-tenant architecture for automatic data segmentation

Runtime & Configuration

- HTTP / SSL encryption support
- Windows Integrated Authentication
- Active Directory Authentication
- Centralized configuration of users and roles

IT Security Governance

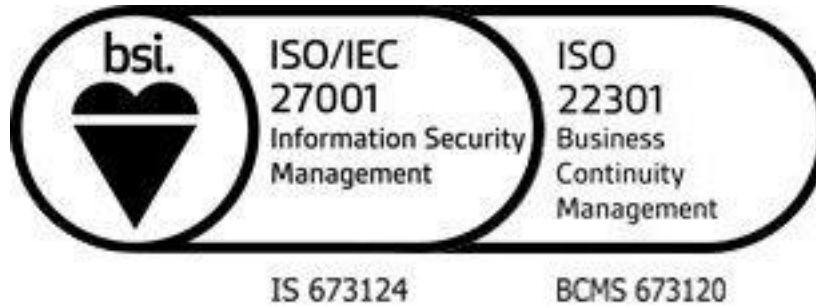
- Role based security for different IT profiles
- Network based security
- Detailed log of all IT operations
- Automatic instrumentation of all events
- Centralized monitoring and auditing console



Security & Privacy



SOC 2 Compliance



ISO 27001 and ISO 22301 Certification



Cloud Security Alliance (CSA)

[OutSystems Trust](#)



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