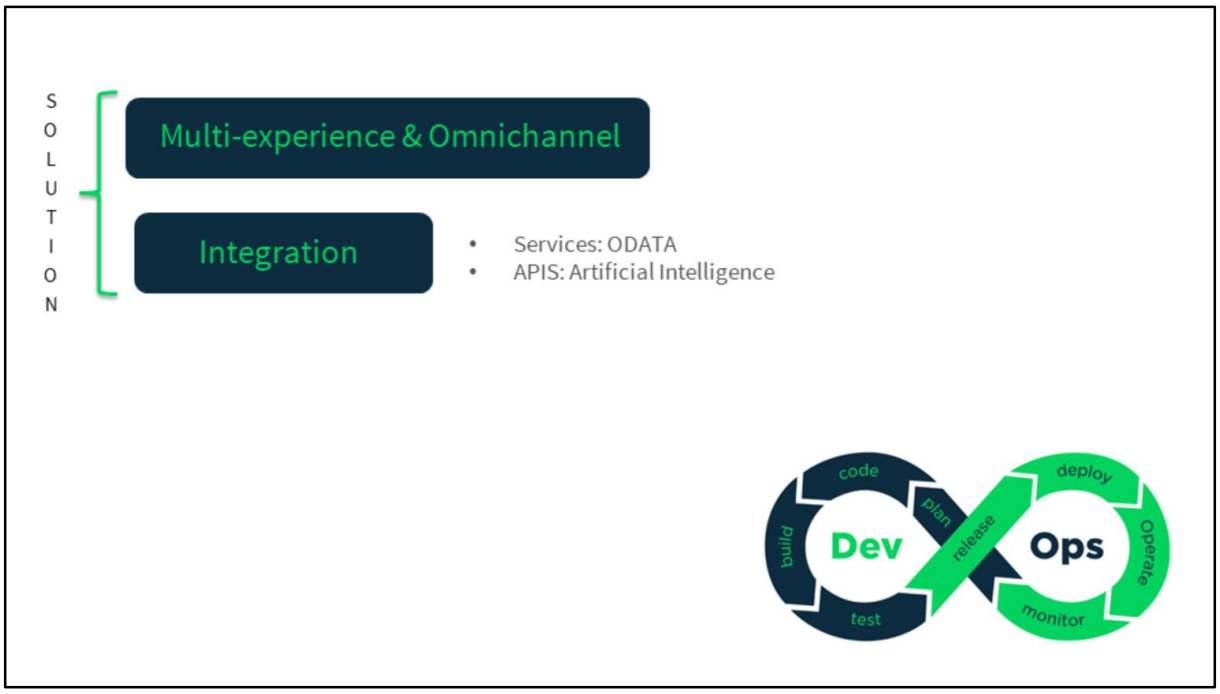

GeneXus™
The power of doing

Integration

GeneXus 16



Of all that we saw in the introduction referred to integration, here we will only delve into two aspects: the integration with ODATA and the Artificial Intelligence api to integrate with the services provided by the most important providers of cognitive services.

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Services

SOAP

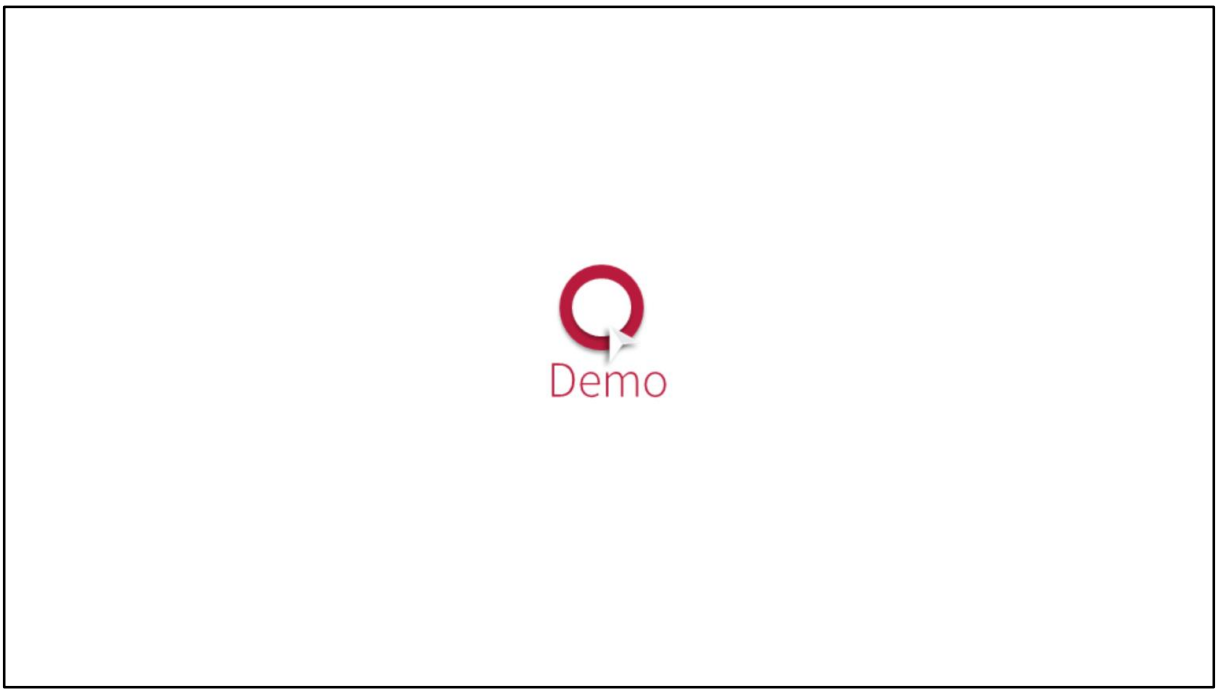
OPEN API (Rest)

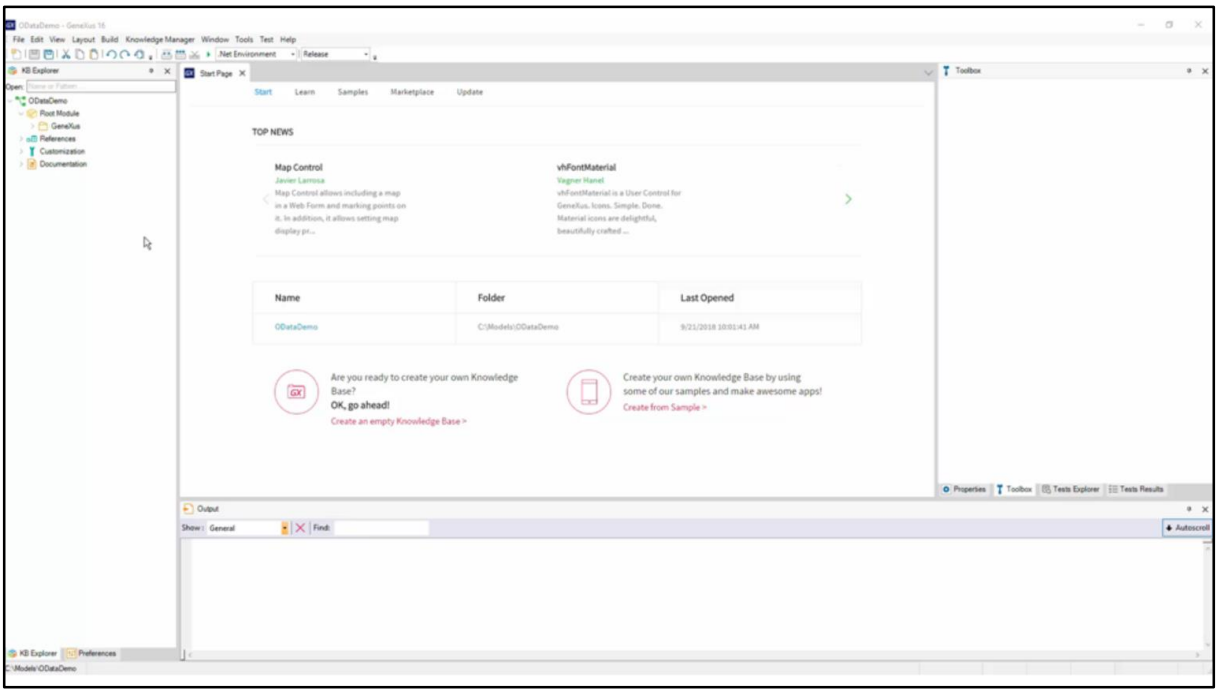
+

Services through Data Stores

ODATA

Data View → Transaction → Attributes → for each


Demo


File Edit View Layout Build Knowledge Manager Window Tools Test Help
KB Explorer
ODataDemo
Root Module
GeneXus
References
Customization
Documentation
Start Page
Start
Learn
Samples
Marketplace
Update
TOP NEWS
Map Control
Javier Larrosa
Map Control allows including a map in a Web Form and marking points on it. In addition, it allows setting map display pr...
vhFontMaterial
Vagner Hanel
vhFontMaterial is a User Control for GeneXus. Icons. Simple. Done. Material icons are delightful, beautifully crafted ...
Name
Folder
Last Opened
ODataDemo
C:\Models\ODataDemo
9/21/2018 10:01:41 AM
Are you ready to create your own Knowledge Base?
OK, go ahead!
Create an empty Knowledge Base >
Create your own Knowledge Base by using some of our samples and make awesome apps!
Create from Sample >
Toolbox
Properties
Toolbox
Tests Explorer
Tests Results
Output
Show:
General
Find:
Autoscroll
KB Explorer
Preferences
C:\Models\ODataDemo

Artificial Intelligence

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Artificial Intelligence

- IBM Watson
- Microsoft Cognitive Services
- SAP Leonardo
- Google Cloud Services
- Amazon Web Services

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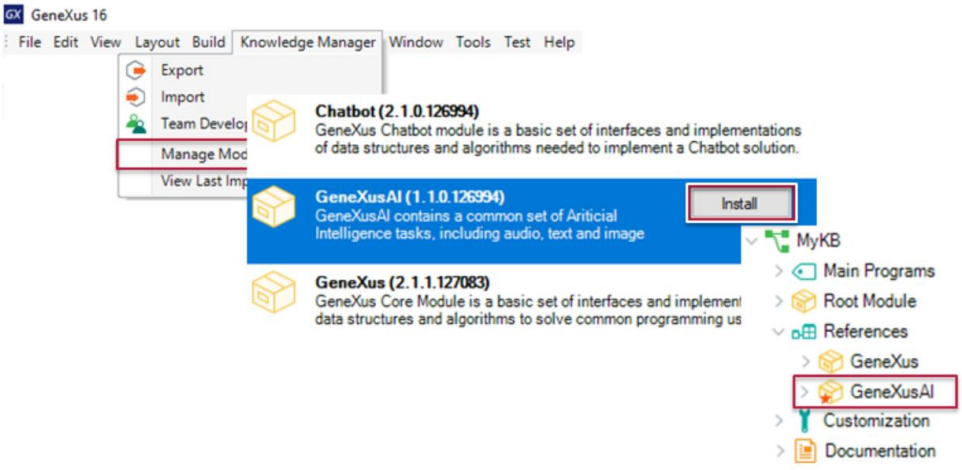
Artificial Intelligence



GeneXus Artificial Intelligence

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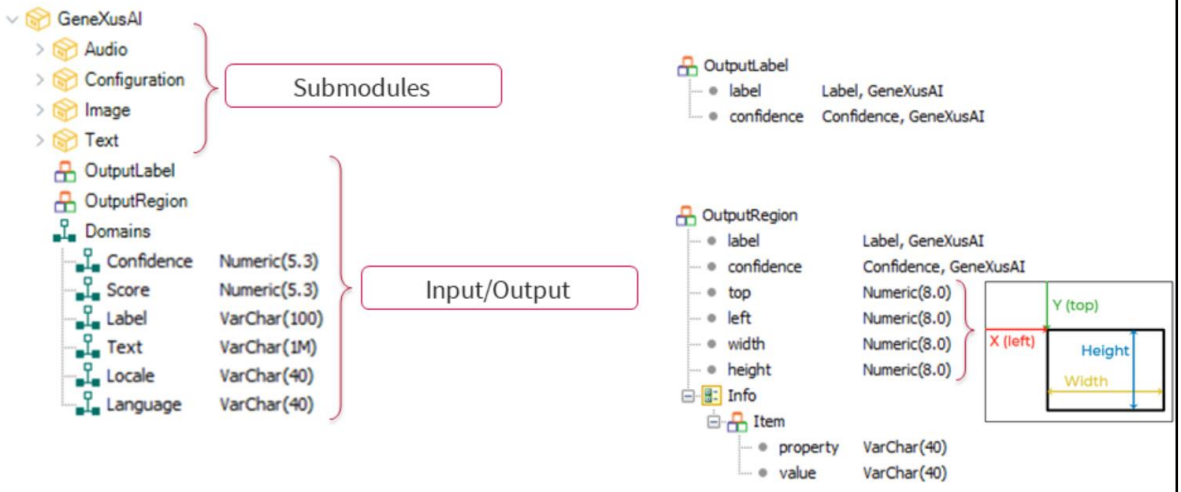
Artificial Intelligence



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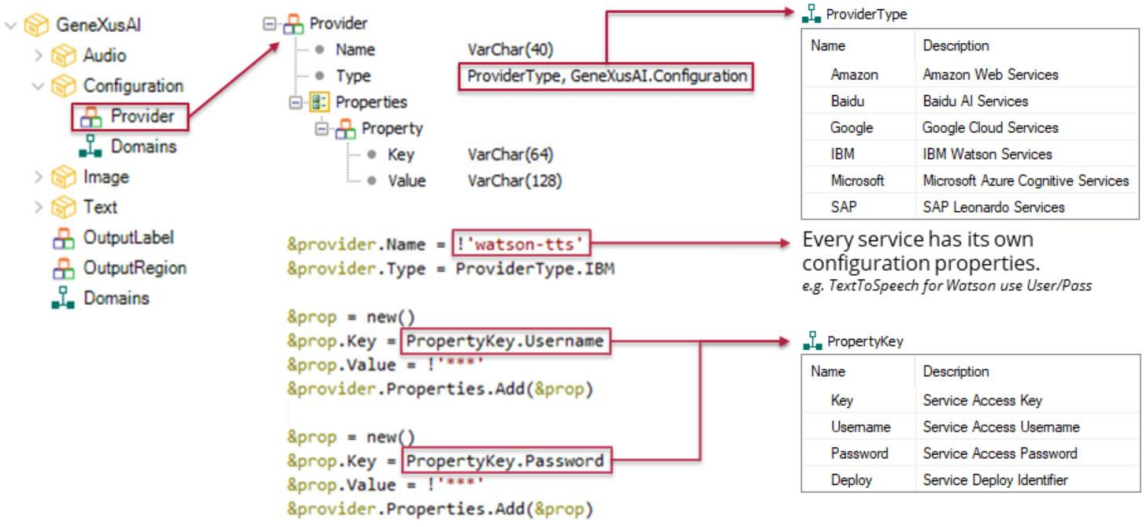
Artificial Intelligence



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Artificial Intelligence

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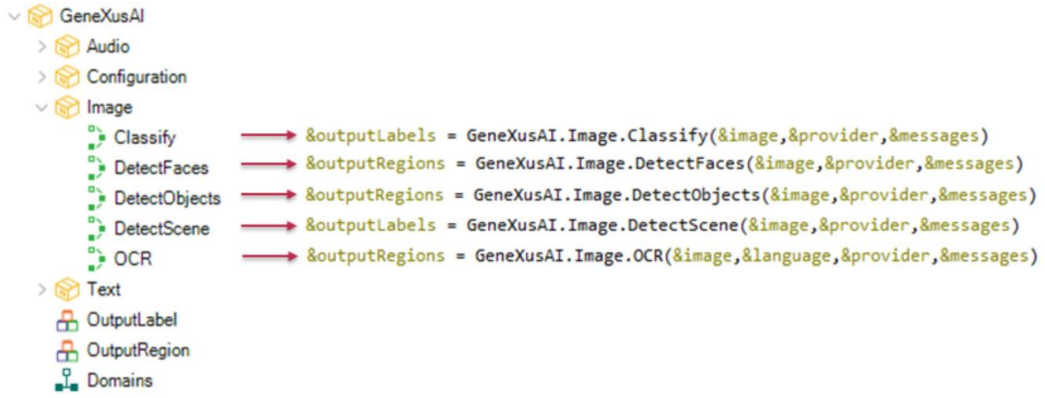
Artificial Intelligence



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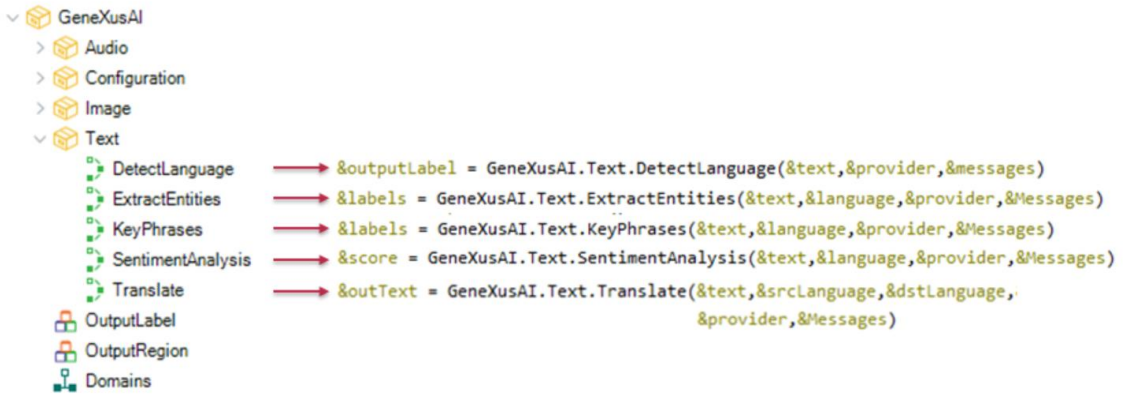
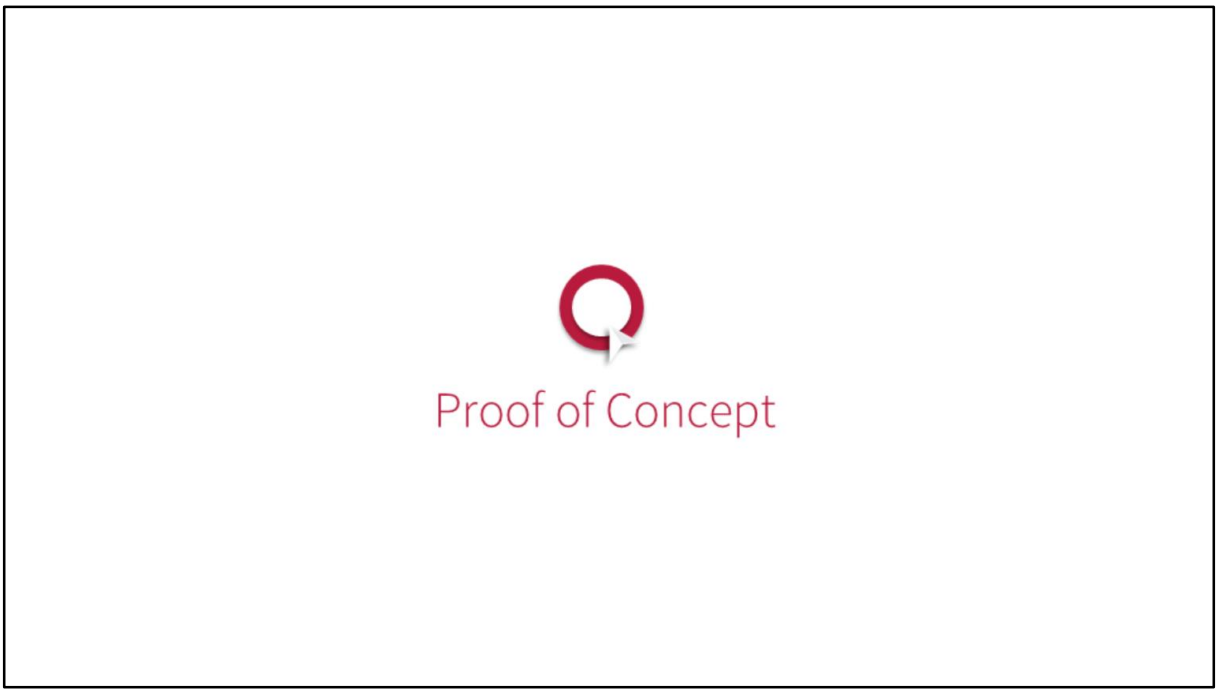
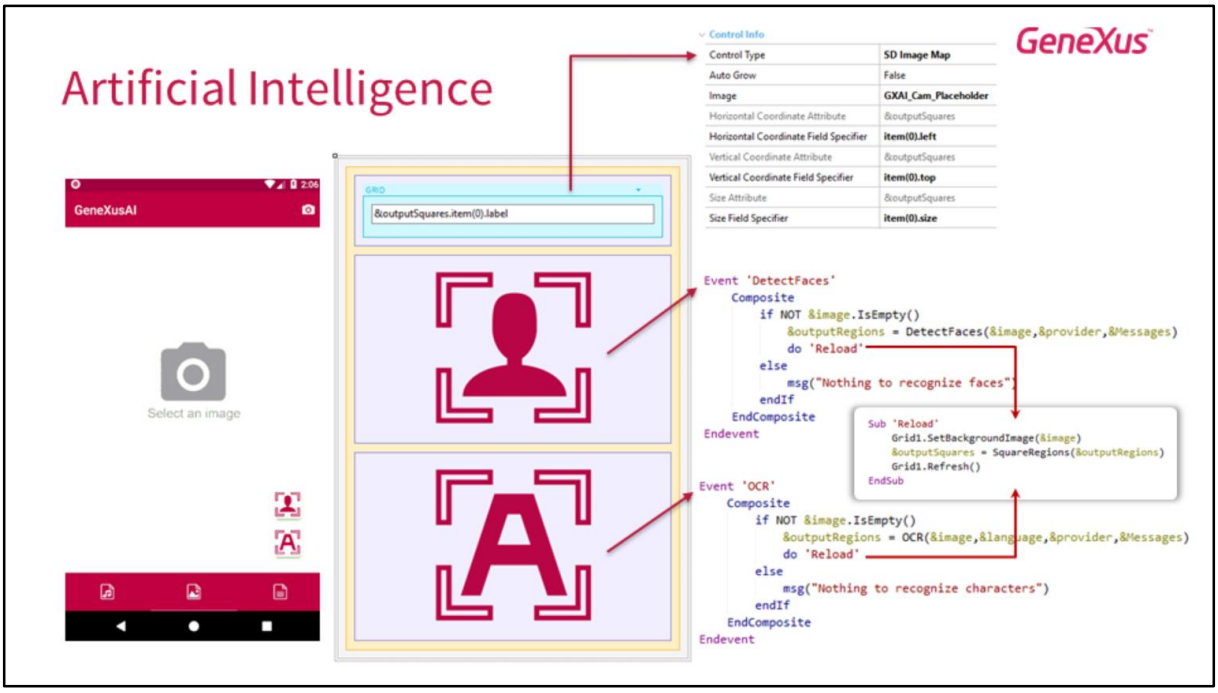
Artificial Intelligence




Proof of Concept


Artificial Intelligence
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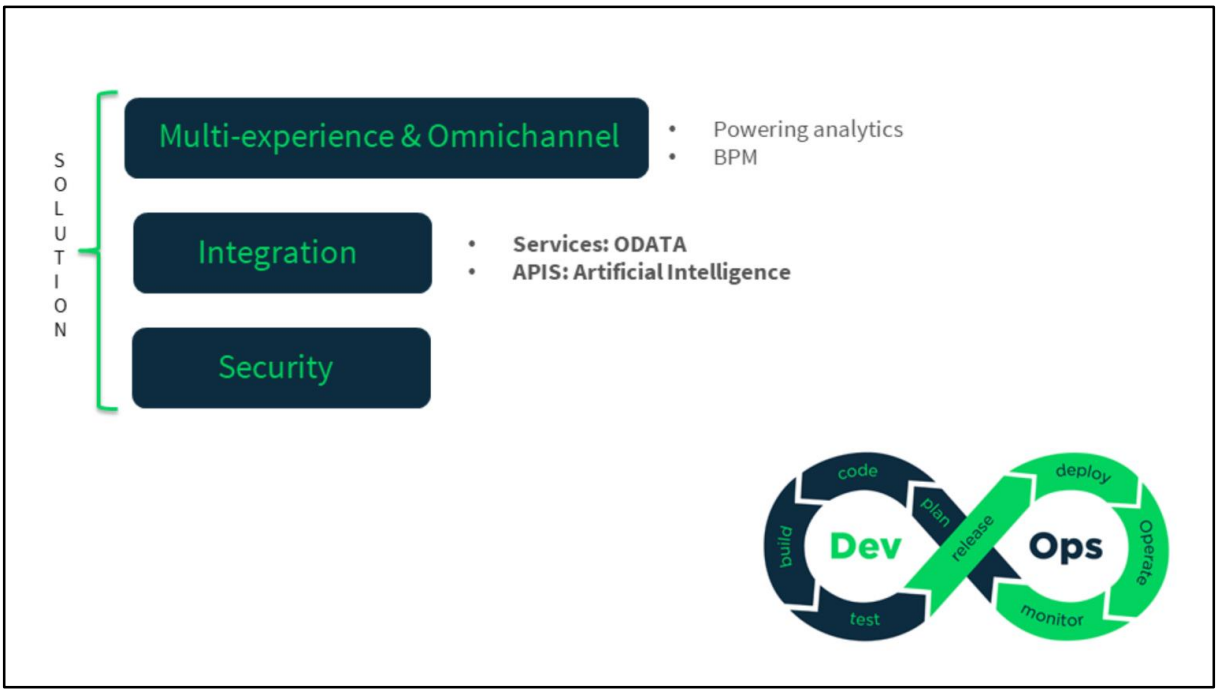
Control Info
Control Type | SD Image Map
Auto Grow | False
Image | GXAI_Cam_Placeholder
Horizontal Coordinate Attribute | &outputSquares
Horizontal Coordinate Field Specifier | item(0).left
Vertical Coordinate Attribute | &outputSquares
Vertical Coordinate Field Specifier | item(0).top
Size Attribute | &outputSquares
Size Field Specifier | item(0).size
GeneXusAI
Select an image
GRID
&outputSquares.item(0).label
Event 'DetectFaces'
Composite
if NOT &image.IsEmpty()
&outputRegions = DetectFaces(&image,&provider,&Messages)
do 'Reload'
else
msg("Nothing to recognize faces")
endIf
EndComposite
Endevent
Sub 'Reload'
Grid1.SetBackgroundImage(&image)
&outputSquares = SquareRegions(&outputRegions)
Grid1.Refresh()
EndSub
Event 'OCR'
Composite
if NOT &image.IsEmpty()
&outputRegions = OCR(&image,&language,&provider,&Messages)
do 'Reload'
else
msg("Nothing to recognize characters")
endIf
EndComposite
Endevent



In this section we saw these aspects of integration.

In what follows we will enter into the third great point in what it does to the developed solution: the security aspects, added to how to improve the data analysis with reporting, and the changes in BPM.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