

Creación de interfaces por expresiones

Create New Application

Name *

ADV Interfaces Practice

Prefix ?

ADV

Description

Ejercicio de creación de interfaces por expresiones

Generate groups and folders to secure and organize objects

CANCEL

CREATE

Create Data Type

- Create from scratch
- Duplicate existing data type
- Create from database table or view
- Import XSD

Namespace *

urn:com:appian:types:ADV

Formatted as a URI, for example 'urn:com:appian:types:COB' for a client onboarding application

Name *

ADV_ItemInInventory

Description

Captures the data for each item in the office supply inventory

CANCEL

CREATE

ADV_ItemInInventory SAVE CHANGES appian

Learn more about data design

Name	Type	Length	Array	Key			
id	Number (Integer)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	↑	↓	×
name	Text	255	<input type="checkbox"/>		↑	↓	×
description	Text	255	<input type="checkbox"/>		↑	↓	×
cost	Number (Decimal)		<input type="checkbox"/>		↑	↓	×
sku	Text	255	<input type="checkbox"/>		↑	↓	×
imageId	Number (Integer)		<input type="checkbox"/>		↑	↓	×
inStock	Boolean		<input type="checkbox"/>		↑	↓	×
color	Text	255	<input type="checkbox"/>		↑	↓	×
addedBy	Text	255	<input type="checkbox"/>		↑	↓	×
addedOn	Date		<input type="checkbox"/>		↑	↓	×
lastmodifiedBy	Text	255	<input type="checkbox"/>		↑	↓	×
lastmodifiedOn	Date		<input type="checkbox"/>		↑	↓	×

[New Field](#)

Create Constant

Create from scratch Duplicate existing constant

Name *

ADV_COLOR_LIST

Description

Constant containing the list of colors used to describe the items in the office supply inventory

Type *

Text

Array (multiple values)

Values (6) ?

Red
Green
Blue
Purple
Pink
Yellow
Orange
Black

CANCEL

CREATE

Create Constant

Create from scratch Duplicate existing constant

Name *

ADV_CONS_DOC_FOLDER

Description



Constant pointing to the document folder

Type *

Folder

Array (multiple values)

Value

 ADV Documents and Files 



Environment Specific ?

Different environments need to have different values for this constant

Save In *

 ADV Constants 



CANCEL

CREATE

Create Interface

Create from scratch Duplicate existing interface

Name *

ADV_AddItemToInventory

Description

Form to add a new item to the product inventory

Save In *

ADV Interfaces



Create New Rule Folder

CANCEL

CREATE

New Rule Input

Name *

item

Type *

ADV_ItemInInventory

Array (multiple values)

CANCEL

CREATE

The screenshot displays the Appian IDE interface for defining a new rule input. The left pane shows the 'INTERFACE DEFINITION' in Expression Mode, with the following code:

```
1- aiformLayout(  
2-   label: "Add Item to Inventory",  
3-   contents: [  
4-     aicolumnLayout(  
5-       columns: [  
6-         aicolumnLayout(  
7-           contents: [  
8-             aisectionLayout(  
9-               label: "Item Information",  
10-              contents: [  
11-                aitemField(  
12-                  label: "Item Name",  
13-                  required: true,  
14-                  value: riItem.name,  
15-                  saveInto: riItem.name  
16-                ),  
17-                aparagraphField(  
18-                  label: "Description",  
19-                  required: true,  
20-                  value: riItem.description,  
21-                  saveInto: riItem.description  
22-                ),  
23-                afloatInputField(  
24-                  label: "Cost",  
25-                  required: true,  
26-                  value: riItem.cost,  
27-                  saveInto: riItem.cost  
28-                )  
29-              ]  
30-            )  
31-          ]  
32-        )  
33-      ]  
34-    )  
35-  ]  
36- )
```

The right pane shows the 'PREVIEW' of the 'Add Item to Inventory' interface. It features a title 'Add Item to Inventory' and a section 'Item Information' containing three input fields: 'Item Name *', 'Description *', and 'Cost *'. The 'Item Name' field is a text input, 'Description' is a paragraph field, and 'Cost' is a floating point input. On the far right, the 'RULE INPUTS' table is visible:

Name	Value
cancel	null
item	null

Below the table, the 'LOCAL VARIABLES' section is currently empty.

ADV_AddItemToInventory | DESIGN MODE | EXPRESSION MODE

INTERFACE DEFINITION

```

28 |         |
29 |         |
30 |         | a!dropdownField(
31 |         |   label: "Color",
32 |         |   labelPosition: "ABOVE",
33 |         |   required: true,
34 |         |   choiceLabels: cons ADV_COLOR_LIST,
35 |         |   choiceValues: cons ADV_COLOR_LIST,
36 |         |   placeholders: "--- Select color from the list ---",
37 |         |   value: ri!item.color,
38 |         |   saveInto: ri!item.color
39 |         | )
40 |         |
41 |         |
42 |         |
43 |         | a!columnLayout(
44 |         |   contents: {}
45 |         | )
46 |         |
47 |         |
48 |         |
49 |         | buttons: a!buttonLayout(
50 |         |
51 |         |

```

a!dropdownField label, labelPosition, instructions, required, disabled, choiceLabels, choiceValues, placeholder, value, validations, saveInto, validationGroup, requiredMessage, helpTooltip, accessibilityText, showWhen, searchDisplay
 Displays a list of choices for the user to select one item and saves a value based on the selected choice. See [documentation](#) for more details.
label (Text): Text to display as the field label.
labelPosition (Text): Determines where the label appears. Valid values: "ABOVE" (default), "ADJACENT", "JUSTIFIED", "COLLAPSED".
instructions (Text): Supplemental text about this field.
required (Boolean): Determines if a value is required to submit the form. Default: false.

Add Item to Inventory
 Item Information
 Item Name *
 Description *
 Cost *
 Color *
 --- Select color from the list ---
 CANCEL SUBMIT

Name Value
 cancel null
 item null
 * LOCAL VARIABLES

```

buttons: a!buttonLayout(
  primaryButtons:
  a!buttonWidget(
    label: "Submit",
    submit: true,
    style: "PRIMARY"
  ),
  secondaryButtons:
  a!buttonWidget(
    label: "Cancel",
    value: true,
    saveInto: ri!cancel,
    submit: true,
    style: "NORMAL",
    validate: false
  )
)

```

Add Item to Inventory

Item Information

Item Name *

Description *

Cost *

Color *

CANCEL SUBMIT

ADV_AddItemToInventory | DESIGN MODE | EXPRESSION MODE

TEST | SAVE CHANGES

appian

INTERFACE DEFINITION

```

42  },
43  },
44  },
45  },
46  },
47  },
48  },
49  },
50  },
51  },
52  },
53  },
54  },
55  },
56  },
57  },
58  },
59  },
60  },
61  },
62  },
63  },
64  }

```

alcolumnLayout contents, width, showWhen
Displays a column that can be used within alcolumnsLayout.

contents (Any Type): Array of SAIL components to display in this column.

width (Text): Determines the column width. Valid values: "AUTO" (default), "EXTRA_NARROW", "NARROW", "NARROW_PLUS", "MEDIUM", "MEDIUM_PLUS", "WIDE", "WIDE_PLUS", "1X", "2X", "3X", "4X", "5X", "6X", "7X", "8X", "9X", "10X".

showWhen (Boolean): Determines whether the layout is displayed on the interface. When set to false, the layout is hidden and is not evaluated. Default: true.

PREVIEW | PERFORMANCE

Add Item to Inventory

Item Information

Item Name *
Globo

Description *
Globo de fiestas

Cost *
1

Color *
Red

Image Upload

UPLOAD Drop file here

Created By
[Empty]

CANCEL SUBMIT

RULE INPUTS

Name	Value
cancel	null
item	[d=, name=Globo...

LOCAL VARIABLES

ADV_AddItemToInventory | DESIGN MODE | EXPRESSION MODE

TEST | SAVE CHANGES

appian

INTERFACE DEFINITION

```

62  },
63  },
64  },
65  },
66  },
67  },
68  },
69  },
70  },
71  },
72  },
73  },
74  },
75  },
76  },
77  },
78  },
79  },
80  },
81  },
82  },
83  },
84  }

```

albuttonWidget label, style, confirmMessage, disabled, submit, validate, value, saveInto, validationGroup, size, confirmHeader, confirmButtonLabel, cancelButtonLabel, showWhen, icon, accessibility, text, tooltip, width, loadingIndicator, recaptchaSaveInto
Displays a button that can conditionally be used to submit a form. Buttons must be placed inside a button layout.

label (Text): Text to display on the button.

style (Text): Determines the intent of the button. Valid values: "NORMAL" (default), "PRIMARY", "SECONDARY", "DESTRUCTIVE", and "LINK".

confirmMessage (Text): Text to display in a confirmation dialog box.

disabled (Boolean): Determines if the user is prevented from pressing the button. Default: false.

PREVIEW | PERFORMANCE

Add Item to Inventory

Item Information

Item Name *
Globo

Description *
Globo de fiestas

Cost *
1

Color *
Red

Image Upload

UPLOAD Drop file here

Created By
José Alberto Castillo Abarado

CANCEL SUBMIT

RULE INPUTS

Name	Value
cancel	null
item	[d=, name=Globo...

LOCAL VARIABLES

Name	Value
defaultUser	jacastillo@indrac...