

Exercise 02: Build a Dynamic List

Parte 1: Agregue variables locales al formulario de inicio

```

1 a!localVariables(
2   local!locationsList: rule!ADV_getAddresses(addressId: NULL),
3   local!addingAddress: false(),
4   local!newAddress: 'type!{urn:com:appian:types:ADV}ADV_Address'(),
5   {↔}
29 )

```

Parte 2: crear el formulario de entrada de nueva dirección

Display Value (Text)

Text to display in the text field.

```

1 local!newAddress.shippingAddress

```

Save Input To (List of Save)

One or more variables that are updated with the text when the text is modified or alternative value to a variable.

```

1 local!newAddress.shippingAddress

```

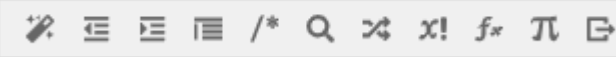
The screenshot shows the Appian interface in Design Mode. The main area displays a form titled 'Address' with three radio button options for address selection. Below these is a section for 'Add New Address' containing a 'Shipping Address*' text field with the placeholder text 'Direccion de prueba'. On the right side, the 'LOCAL VARIABLES' panel is open, showing a table with the following data:

Name	Value
address	[addressId=3, ship...
locationsList (3...	[[addressId=3, shi...
addingAddress	false
newAddress	[addressId=, ship...

Below the variables panel, the 'COMPONENT CONFIGURATION' for a 'Text' component is visible, showing settings for 'Character Limit', 'Show character limit count' (checked), 'Visibility' (set to 'Always show'), and 'Required' (checked).

Display Value (Text)

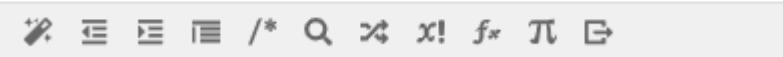
Text to display in the text field.



```
1 local!newAddress.unitNumber
```

Save Input To (List of Save)

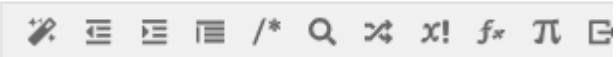
One or more variables that are updated with the text when the text is modified or alternative value to a variable.



```
1 local!newAddress.unitNumber
```

Display Value (Text)

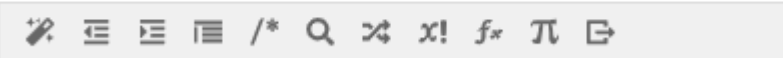
Text to display in the text field.



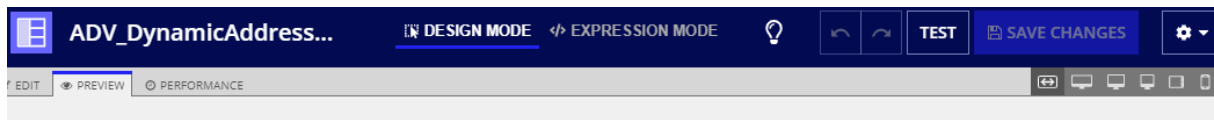
```
1 local!newAddress.city
```

Save Input To (List of Save)

One or more variables that are updated with the text when the text is modified or alternative value to a variable.



```
1 local!newAddress.city
```



Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266

Add New Address

Shipping Address *	Unit Number
Direccion de prueba	
City*	

Display Value (Text)

Text to display in the text field.

```

1 local!newAddress.stateOrProvince
    
```

Save Input To (List of Save)

One or more variables that are updated with the text when the text is modified or alternative value to a variable.

```

1 local!newAddress.stateOrProvince
    
```

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266

Add New Address	
Shipping Address *	Unit Number
<input type="text" value="Direccion de prueba"/>	<input type="text"/>
City *	State/Province *
<input type="text"/>	<input type="text"/>

Display Value (Text)

Text to display in the text field.

Add New Address	
Shipping Address *	Unit Number
<input type="text" value="Direccion de prueba"/>	<input type="text"/>
City *	State/Province *
<input type="text" value="1 local!newAddress.postalCode"/>	<input type="text"/>

Save Input To (List of Save)

One or more variables that are updated with the text when t a modified or alternative value to a variable.

Add New Address	
Shipping Address *	Unit Number
<input type="text"/>	<input type="text"/>
City *	State/Province *
<input type="text" value="1 local!newAddress.postalCode"/>	<input type="text"/>

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266

Add New Address		
Shipping Address *	Unit Number	
<input type="text"/>	<input type="text"/>	
City *	State/Province *	Post Code *
<input type="text"/>	<input type="text"/>	<input type="text"/>

Parte 3: crea el botón Agregar

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266

Add New Address

Shipping Address *	Unit Number
City *	State/Province *
	Post Code *

ADD

Parte 4: configurar la adición y selección de la nueva dirección

Save Value To (List of Save)

One or more variables that are updated with the button value when the user presses it. Use `alsave()` to save a modified or alternative value to a variable.

```

1 {
2   alsave(local!locationsList, append(local!locationsList, local!addingAddress));
3 }

```

Save Value To (List of Save)

One or more variables that are updated with the button value when the user presses it. Use `alsave()` to save a modified or alternative value to a variable.

```

1 {
2   alsave(local!locationsList, append(local!locationsList, local!addingAddress));
3   alsave(ri!address, local!newAddress);
4 }

```

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266
- Av. Trujillo Unit #123 Perú, Lima 1111

Add New Address

Shipping Address *		Unit Number
<input type="text" value="Av. Trujillo"/>		<input type="text" value="123"/>
City *	State/Province *	Post Code *
<input type="text" value="Perú"/>	<input type="text" value="Lima"/>	<input type="text" value="1111"/>

Button
ADD

Save Value To (List of Save)

One or more variables that are updated with the button value when the user presses it. Use `a!save()` to save a modified or alternative value to a variable.

```

1 {
2   a!save(local!locationsList, append(local!locationsList, local!newAddress))
3   a!save(ri!address, local!newAddress),
4   a!save(local!newAddress, {id:null, shippingAddress: "", unitNumber: null, c
5 }
  
```

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266
- prueba Unit #32423 prueba4, sgegrah 1324

Add New Address

Shipping Address *		Unit Number
<input type="text"/>		<input type="text"/>
City *	State/Province *	Post Code *
<input type="text"/>	<input type="text"/>	<input type="text"/>

Button
ADD

Parte 5: establezca el indicador de dirección de adición en falso

Save Value To (List of Save)

One or more variables that are updated with the button value when the user presses it. Use `alsave()` to save a modified or alternative value to a variable.

```

1
2 a!save(local!locationsList, append(local!locationsList, local!newAddress)),
3 a!save(ri!address, local!newAddress),
4 a!save(local!newAddress, {id:null, shippingAddress: "", unitNumber: null, ci
5 a!save(local!addingAddress, false())
6
    
```

Parte 6: ocultar el formulario Agregar nueva dirección

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266

Add New Address
▲

Shipping Address *

A value is required

Unit Number

City *

A value is required

State/Province *

A value is required

Post Code *

A value is required

ADD

variable	value
locationsList (3...	[[addressId=3, shi...
addingAddress	false
newAddress	[addressId=, shipp...

COMPONENT CONFIGURATION

expression

Box Layout

List of Components

Visibility

Always show

Only show when...

Edit Condition

Style

Choose a pre-defined style

Use a custom color

Parte 7: mostrar el formulario Agregar nueva dirección

The screenshot shows the application design tool interface. At the top, there are tabs for 'DESIGN MODE' and 'EXPRESSION MODE'. The main workspace displays the 'Address' form from the previous step. A 'plus' dialog box is open over the form, showing various icons for adding components. On the right side, there is a configuration panel for the selected component, including a 'Visibility' section with radio buttons for 'Always show' and 'Only show when...'. The 'ADD' button is visible at the bottom right of the form.

Select Link

Choose a component below or [enter an expression](#)

NAVIGATION

RECORD LINK USER RECORD LINK PROCESS TASK LINK REPORT LINK NEWS ENTRY LINK SAFE LINK

ACTION

DYNAMIC LINK START PROCESS LINK SUBMIT LINK DOCUMENT LINK AUTH LINK

CANCEL

ADV_DynamicAddressList DESIGN MODE EXPRESSION MODE TEST SAVE CHANGES

PALETTE EDIT PREVIEW PERFORMANCE

COMPONENTS PATTERNS

Search Components...

AYOUTS

- SECTION
- COLUMNS
- SIDE BY SIDE
- BOX
- CARD
- BILLBOARD

INPUTS

- TEXT
- PARAGRAPH
- INTEGER
- DECIMAL
- DATE
- DATE & TIME
- ENCRYPTED TEXT

expression

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266
- etrrtyertu Unit #4555556 fdgsrtttt, rtyyyyyy 465
- TRUJILLO Unit #999 TRUJILLO, TRUJILLO 7777

+ [Agregar nueva dirección](#)

ADD

RULE INPUTS

Name	Value
locationsList (5...	[[addressid=3, shi
addingAddress	false
newAddress	[id.shipingAddres

COMPONENT CONFIGURATION

Items

Text

Side By Side Configurations

Width

- Automatically distribute
- Set relative width
- Use only as much space as necessary

3X

Visibility

- Always show
- Only show when

ADV_DynamicAddressList DESIGN MODE EXPRESSION MODE TEST SAVE CHANGES

EVENTS PATTERNS

Rich Components...

TS

CTION

LUMNS

IE BY SIDE

OK

RD

LBBOARD

CT

RAGRAPH

TEGER

CIMAL

TE

TE & TIME

CRYPTED TEXT

E UPLOAD

INATURE

Address

- 358 Mayfair Dr. Unit #23 Lynn, MA 1902
- 47 New Saddle Ave. Goose Creek, SC 29445
- 7208 Oakland Drive Unit #50 Ravenna, OH 44266
- etrrtyertu Unit #4555556 fdgsrttttt. rtyyyyyy 465
- TRUJILLO Unit #999 TRUJILLO, TRUJILLO 7777

Rich Text

+ Agregar nueva dirección

Add New Address

Shipping Address *		Unit Number
<input type="text"/>		<input type="text"/>
City *	State/Province *	Post Code *
<input type="text"/>	<input type="text"/>	<input type="text"/>

ADD

RULE INPUTS

LOCAL VARIABLES

- Name
- locationsList (5...
- addingAddress
- newAddress

COMPONENT CONFIGURACION

Contents

Rich Text

Label

Label Position

Hidden

Instructions

Help Tooltip