

102 INTERFACES

Create Constant

Create from scratch Duplicate existing constant

Name *
ADV_COLOR_LIST

Description
Constant containing the list of colors user to describe the items in the office supply inventory.

Type *
Text

Array (multiple values)

Values (8)

- Red
- Green
- Blue
- Purple
- Pink
- Yellow
- Orange

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 Application Documentation

Environment Specific
 Different environments need to have different values for this constant

Save In *
ADV Constants

ADV_AddItemToInventory | DESIGN MODE | EXPRESSION MODE | TEST | SAVE CHANGES | appian

INTERFACE DEFINITION

```

38 required: true,
39 validations: {}
40 ),
41 a:dropdownField(
42   label: "color",
43   labelPosition: "ABOVE",
44   placeholder: "--- Select a Value ---",
45   choiceLabels: cons!ADV_COLOR_LIST,
46   choiceValues: cons!ADV_COLOR_LIST,
47   value: r!item.color,
48   saveinto: {r!item.color},
49   searchDisplay: "AUTO",
50   required: true,
51   validations: {}
52 )
53 )
54 ),
55 a:columnLayout(
56   contents: {
57     a:fileUploadField(
58       label: "Image Upload",
59       labelPosition: "ABOVE",
60       target: cons!ADV_CONS_DOC_FOLDER,
61       maxSelections: 1,
62       value: r!item.imageId,
63       saveinto: {r!item.imageId},
64       validations: {}
65     ),
66     a:pickerFieldUsers(
67       label: "Created By",
68       labelPosition: "ABOVE",
69       maxSelections: 1,

```

!save target: value

In SAIL saveinto parameters, updates the target with the given value. This function has no effect when called outside of a component's saveinto parameter.

target (List of Save): A local variable, rule input, process variable, or node input in which to save the value. Local variables that refresh on an interval using "refreshInterval" or on every evaluation, either because they are using "refreshAlways" or because they are defined in the with() function, cannot be used as save targets.

value (Any Type): The value to save. The SAIL component's updated value can be accessed

Add Item to Inventory

Item Information

Item Name *
hola

Description *
tesfewtger

Cost *
231654.6

Color *
Pink

Image Upload
vehicle_1
PNG - 275.77 KB

Created By
Rodrigo

CANCEL

Name	Value
cancel	null
item	{id=, name=hola, descri...
id (0 items)	null
name	hola
description	tesfewtger
cost	231654.6
sku	null
imageId	4887
inStock	null
color	Pink
addedBy	rasanchezb@indracompa...
addedOn	null
lastModifiedBy	null
lastModifiedOn	null

Name	Value
defaultUser	rasanchezb@indracompa...

ADV_AddItemToInventory | DESIGN MODE | EXPRESSION MODE | TEST | SAVE CHANGES | appian

PREVIEW | PERFORMANCE

Add Item to Inventory

Item Information

Item Name *
hola

Description *
tesfewtger

Cost *
231654.6

Color *
Pink

Image Upload
vehicle_1
PNG - 275.77 KB

Created By
Rodrigo Andres Sanchez Barrantes

CANCEL SUBMIT

Name	Value
cancel	null
item	{id=, name=hola, descri...
id (0 items)	null
name	hola
description	tesfewtger
cost	231654.6
sku	null
imageId	4887
inStock	null
color	Pink
addedBy	rasanchezb@indracompa...
addedOn	null
lastModifiedBy	null
lastModifiedOn	null

Name	Value
defaultUser	rasanchezb@indracompa...

103 INTERFACES

Server: hnuad | Database: Appian

Structure | SQL | Search | Query | Export | Import | Operations | Routines | Events | Triggers | Designer

Show query box

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0199 seconds.)

```
ALTER TABLE `advaddress` ADD PRIMARY KEY (`address_id`);
```

[Edit inline] [Edit] [Create PHP code]

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0180 seconds.)

```
ALTER TABLE `advaddress` MODIFY `address_id` int(11) NOT NULL AUTO_INCREMENT;
```

[Edit inline] [Edit] [Create PHP code]

Show query box

✓ 1 row inserted.
Inserted row id: 1 (Query took 0.0031 seconds.)

```
INSERT INTO `advaddress` (`shipping_address`, `unit_number`, `state_or_province`, `postal_code`, `city`) VALUES ('47 New Saddle Ave.', NULL, 'SC', 29445, 'Goose Creek');
```

[Edit inline] [Edit] [Create PHP code]

✓ 1 row inserted.
Inserted row id: 2 (Query took 0.0024 seconds.)

```
INSERT INTO `advaddress` (`shipping_address`, `unit_number`, `state_or_province`, `postal_code`, `city`) VALUES ('7208 Oakland Drive', 50, 'OH', 44266, 'Ravenna');
```

[Edit inline] [Edit] [Create PHP code]

✓ 1 row inserted.
Inserted row id: 3 (Query took 0.0048 seconds.)

```
INSERT INTO `advaddress` (`shipping_address`, `unit_number`, `state_or_province`, `postal_code`, `city`) VALUES ('358 Mayfair Dr.', 23, 'MA', 01902, 'Lynn');
```

[Edit inline] [Edit] [Create PHP code]

Fields (6)

Name	Type	Length	Array	Key			
addressId	Number (Integer)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	↑	↓	×
shippingAddress	Text	100	<input type="checkbox"/>		↑	↓	×
unitNumber	Number (Integer)		<input type="checkbox"/>		↑	↓	×
city	Text	100	<input type="checkbox"/>		↑	↓	×
stateOrProvince	Text	2	<input type="checkbox"/>		↑	↓	×
postalCode	Number (Integer)		<input type="checkbox"/>		↑	↓	×

[New Field](#)

Data Store for the ADV app

Data Source

jdbcAppian (Tomcat)

Data Entities

advaddress ADV_advaddress

[Add Entity](#)

Schema Management

Automatically update database schema

Appian will make necessary updates to the database schema when fields are added to a referenced data type or when this data store is imported.

[Download DDL Script](#)

✓ Entity mappings verified

[SAVE & PUBLISH](#)

[SAVE DRAFT](#)

Constant Properties

Name *

ADV_DSE_ADDRESS

Description

Constant pointing to the ADV_address Entity in the ADS DS

Type *

Data Store Entity

Array (multiple values)

Data Store *

ADV_DS

Entity *

ADV_address

Environment Specific ?

Different environments need to have different values for this constant

Save In *

CANCEL

SAVE

The screenshot shows the Appian IDE interface for configuring a constant named 'ADV_getAddress'. The left pane displays the configuration form with the following details:

- Name:** ADV_DSE_ADDRESS
- Description:** Constant pointing to the ADV_address Entity in the ADS DS
- Type:** Data Store Entity
- Data Store:** ADV_DS
- Entity:** ADV_address

The right pane shows the 'Test Inputs' and 'Test Output' sections. The 'Test Inputs' table is as follows:

Rule Input Name	Expression	Value
addressID (Number (Integer))	1	1

The 'Test Output' section shows the following results:

- Time:** 9 ms (View Performance)
- Type:** List of ADV_advaddress
- Value:** Formatted (selected), Raw, Expression
- Test Output:** List of ADV_advaddress - 1 Item
 - ADV_advaddress
 - addressId 1 (Number (Integer))
 - shippingAddress "47 New Saddle Ave." (Text)
 - unitNumber null (Number (Integer))
 - city "Goose Creek" (Text)
 - stateOrProvince "SC" (Text)
 - postalCode 29445 (Number (Integer))

The screenshot shows the Appian IDE interface for configuring a dynamic address list named 'ADV_DynamicAddressList'. The left pane displays the configuration form with the following details:

- Name:** ADV_DynamicAddressList
- Interface Definition:** A list of local variables and a choice field for address selection.

The right pane shows the 'Test Results' section. The 'Rule Inputs' table is as follows:

Name	Value
address	[addressId=1, shippingAd...

The 'Local Variables' section shows the following results:

- Local Variables:** addresses (3 Items) [[addressId=3, shippingAd...

The 'Test Output' section shows the following results:

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

ADV_DynamicAddressList | DESIGN MODE | EXPRESSION MODE | TEST | SAVE CHANGES | appian

PREVIEW | PERFORMANCE

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

Add New Address

Shipping Address * Unit

City * State/Province * Zip/Postal Code *

ADD

RULE INPUTS

Name	Value
address	[addressid=1, shippingAd...
addressid	1
shippingAddress	47 New Saddle Ave.
unitNumber	null
city	Goose Creek
stateOrProvince	SC
postalCode	29445

LOCAL VARIABLES

Name	Value
addingAddress	true
addresses (3 items)	[[addressid=3, shippingAd...
newAddress	[addressid, shippingAd...

ADV_DynamicAddressList | DESIGN MODE | EXPRESSION MODE | TEST | SAVE CHANGES | appian

PREVIEW | PERFORMANCE

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
- North Manantial Unit #234 Tunja, Boyaca 150003

+ Add New Address

RULE INPUTS

Name	Value
address	[addressid, shippingAd...
addressid	null
shippingAddress	North Manantial
unitNumber	234
city	Tunja
stateOrProvince	Boyaca
postalCode	150003

LOCAL VARIABLES

Name	Value
------	-------

ADV_Items | SAVE CHANGES | appian

Learn more about data design

Fields (6)

Name	Type	Length	Array	Key			
ItemID	Number (Integer)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	↑	↓	×
description	Text	255	<input type="checkbox"/>	<input type="checkbox"/>	↑	↓	×
category	Text	255	<input type="checkbox"/>	<input type="checkbox"/>	↑	↓	×
qty	Number (Integer)		<input type="checkbox"/>	<input type="checkbox"/>	↑	↓	×
unitPrice	Number (Decimal)		<input type="checkbox"/>	<input type="checkbox"/>	↑	↓	×
amount	Text	255	<input type="checkbox"/>	<input type="checkbox"/>	↑	↓	×

+ New Field

Constant Properties

Name *

ADV_PURCHASE_REQUEST_CATEGORIES

Description

Constant to hold the categories for the purchase request grid

Type *

Text

Array (multiple values)

Values (4) ?

Office Supplies
Hardware
Software
Miscellaneous

CANCEL

SAVE

ADV_EditableGrid

DESIGN MODE

TEST SAVE CHANGES

appian

PALETTE

COMPONENTS PATTERNS

Search Components...

LAYOUTS

SECTION

COLUMNS

SIDE BY SIDE

BOX

CARD

BILLBOARD

INPUTS

TEXT

PARAGRAPH

INTEGER

DECIMAL

DATE

Purchase Request

Editable Grid

Items

Description	Category	Qty	UnitPrice	Amount	
Hola	Office Supplies	5	40	200	X
--- Select a Value ---	--- Select a Value ---			0	X

Add new Item

CANCEL SUBMIT