

USER & GRUPOS

Acme Exercise

IMPORT PACKAGE | PACKAGES | COMPARE AND DEPLOY

ALL OBJECTS | PLUGINS | UNREFERENCED OBJECTS

Name or description

OBJECT TYPE

- Connected System
- Constant
- Data Store
- Data Type
- Decision
- Document
- Expression Rule
- Feed
- Folder
- Group
- Integration

Name	Description	Created
<input type="checkbox"/> AX Expressions Practice	Stores practice expressions created for the course exercises	7/26/2022 10:33 PM by Rodrigo Andres S...
<input type="checkbox"/> AX Knowledge Center	Knowledge center for Acme Exercise	7/26/2022 3:33 PM by Rodrigo Andres Sa...
<input type="checkbox"/> AX Process Models	Contains all process models	7/26/2022 3:32 PM by Rodrigo Andres Sa...
<input type="checkbox"/> AX Rules & Constants	Rules, interfaces, constants, decisions	7/26/2022 3:32 PM by Rodrigo Andres Sa...
<input checked="" type="checkbox"/> AX All Users	Parent group for all roles in the AX application	7/26/2022 3:30 PM by Rodrigo Andres Sa...
<input checked="" type="checkbox"/> AX Registrars	Registrars Users by AX app	7/26/2022 3:26 PM by Rodrigo Andres Sa...
<input checked="" type="checkbox"/> AX Maintenance	Maintenance users by AX app	7/26/2022 3:26 PM by Rodrigo Andres Sa...
<input checked="" type="checkbox"/> AX Supervisors	Supervisors by AX app	7/26/2022 3:25 PM by Rodrigo Andres Sa...
<input checked="" type="checkbox"/> AX Administrators	Administrators by AX app	7/26/2022 3:22 PM by Rodrigo Andres Sa...
<input type="checkbox"/> AX Documents	Documents	7/26/2022 8:05 AM by Rodrigo Andres Sa...

Group Security

Tip: Groups inherit security from their parent group, if they have one. Group visibility and membership are configured in the group's properties, rather than its role map. [Learn more](#)

Name
 AX Maintenance

Parent
 AX All Users
 Inherit security from parent

User or Group	Permission Level
Default (All Other Users)	No Access
AX Administrators	Administrator

[+ Add Users or Groups](#)

CANCEL **SAVE CHANGES**

RULE EXPRESSIONS

AX_L2Ex1

```

1 user(
2   loggedInUser(),
3   "firstName"
4 )
5 &" Created on "&
6 user(
7   loggedInUser(),
8   "created"
9 )
  
```

Test Inputs

Test Output

Time: 4 ms (View Performance) Type: Text

Value: Formatted (selected) Raw Expression

"Rodrigo Andres Created on 7/25/2022 11:01 AM GMT-05:00" (Text)

AX_L2Challenge

```

1 text(r!iffecha,"mmm dd, yyyy")
  
```

Test Inputs

Rule Input Name	Expression	Value
fecha (Date)	1	07/20/2022

Test Output

Time: 1 ms (View Performance) Type: Text

Value: Formatted (selected) Raw Expression

"July 20, 2022" (Text)

AX_L4Ex1

```

1 if(r!ifvalor1 > r!ifvalor2,
2   "Sell",
3   "Do not sell")
  
```

Test Inputs

Rule Input Name	Expression	Value
valor1 (Number (Integer))	1	500
valor2 (Number (Integer))	1	200

Test Output

Time: 2 ms (View Performance) Type: Text

Value: Formatted (selected) Raw Expression

"Sell" (Text)

if(condition, valueIfTrue, valueIfFalse)
Returns valueIfTrue if condition returns true; returns valueIfFalse otherwise.
Returns: Any Type
condition (Boolean): A test that determines whether valueIfTrue or valueIfFalse will be returned

Open the Learning Center to select a tutorial or view

AX_L4Ex2

```

1 fn!calworkdays(r!fechaInicio,r!fechaFin)

```

Test Inputs

Rule Input Name	Expression	Value
fechaInicio (Date)	1	07/03/2022
fechaFin (Date)	1	07/23/2022

Save as Test Case TEST RULE

Test Output

Time 63 ms (View Performance) Type Number (Integer)

Value Formatted Raw Expression

15 (Number (Integer))

Rule Inputs

Name	Type	Array
fechaInicio	Date	
fechaFin	Date	

AX_L4Challenge

```

1 if(
2 len(r!texto) > r!maxChar,
3 "Must not exceed ["&r!maxChar&"] characters",
4 "Thank you for your information"
5 )

```

Test Inputs

Rule Input Name	Expression	Value
texto (Text)	1	Murcielago
maxChar (Number (Integer))	1	5

Save as Test Case TEST RULE

Test Output

Time 1 ms (View Performance) Type Text

Value Formatted Raw Expression

"Must not exceed [5] characters" (Text)

Rule Inputs

Name	Type	Array
texto	Text	
maxChar	Number...	

Place cursor on function, rule, or constant to display help

VARIABLES

AX_L5Ex1

```

1 allLocalVariables(
2 localMiles: 50000,
3 if((r!EndMilage-r!startMilage) > localMiles,
4 "Run full diagnostics",
5 "Return to inventory"
6 )
7 )

```

Test Inputs

Rule Input Name	Expression	Value
StartMilage (Number (Integer))	1	1500
EndMilage (Number (Integer))	1	55000

Save as Test Case TEST RULE

Local Variables

Test Output

Time 2 ms (View Performance) Type Text

Value Formatted Raw Expression

"Run full diagnostics" (Text)

Rule Inputs

Name	Type	Array
StartMilage	Number...	
EndMilage	Number...	

AX_L5Ex1 SAVE CHANGES + 🔍 👤

```

1 localVariables(
2   localMiles: 50000,
3   if((ri!endMileage-ri!startMileage) > localMiles,
4     "Run full diagnostics",
5     "Return to inventory"
6   )
7 )

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
StartMileage (Number (Integer))	1	1500
EndMileage (Number (Integer))	1	50000

[Save as Test Case](#) TEST RULE

Local Variables

Test Output

Time: 1 ms (View Performance) | Type: Text

Value: Formatted Raw Expression
 "Return to inventory" (Text)

RULE INPUTS

Name	Type	Array
StartMileage	Number	<input type="checkbox"/>
EndMileage	Number	<input type="checkbox"/>

AX_L5Ex2 SAVE CHANGES + 🔍 👤 **appian**

```

1 localVariables(
2   localSum:ri!first+ri!second,
3   "The new total is "@localSum
4 )
5 )

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
first (Number (Integer))	1	123
second (Number (Integer))	1	234

[Save as Test Case](#) TEST RULE

Local Variables

Test Output

Time: 1 ms (View Performance) | Type: Text

Value: Formatted Raw Expression
 "The new total is 357" (Text)

RULE INPUTS

Name	Type	Array
first	Number	<input type="checkbox"/>
second	Number	<input type="checkbox"/>

AX_L5Challenge SAVE CHANGES + 🔍 👤 **appian**

```

1 if(
2   !isNull(ri!texto),
3   "Null value",
4   ri!texto
5 )

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
texto (Text)	1 null	null (Text)

[Save as Test Case](#) TEST RULE

Test Output

Time: 1 ms (View Performance) | Type: Text

Value: Formatted Raw Expression
 "Null value" (Text)

RULE INPUTS

Name	Type	Array
texto	Text	<input type="checkbox"/>

AX_L5Challenge SAVE CHANGES + 🔍 👤 **appian**

```

1 if(
2   !isNull(ri!texto),
3   "Null value",
4   ri!texto
5 )

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
texto (Text)	1	Hola mundo

[Save as Test Case](#) TEST RULE

Test Output

Time: 1 ms (View Performance) | Type: Text

Value: Formatted Raw Expression
 "Hola mundo" (Text)

RULE INPUTS

Name	Type	Array
texto	Text	<input type="checkbox"/>

AX_L6Ex1

```

1. {
2.   index({color:"Red",
3.     make:"Toyota",
4.     model:"Prius",
5.     milage:15500}, "model"),
6.
7.   a!map(color:"Red",
8.     make:"Toyota",
9.     model:"Prius",
10.    milage:15500).model
11. }

```

Ad Hoc Test | Test Cases (0)

Test Inputs

TEST RULE

Test Output

Time < 1 ms (View Performance) Type List of Variant

Value Formatted Raw Expression

List of Text String - 2 items

- "Prius" (Text)
- "Prius" (Text)

AX_L7Ex1

```

1. /*tostring(15500)*/
2. /*toboolean(1)*/
3. touiformstring("Dawson", "Sales","Cleveland")

```

Ad Hoc Test | Test Cases (0)

Test Inputs

TEST RULE

Test Output

Time 7 ms (View Performance) Type List of Text String

Value Formatted Raw Expression

List of Text String - 3 items

- "Dawson" (Text)
- "Sales" (Text)
- "Cleveland" (Text)

AX_L8Ex1

```

1. if(r!status = "Valid User",
2.   rule!AX_L8Ex1(),
3.   "Invalid User")

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
status (Text)	1	Valid User

Save as Test Case

TEST RULE

Test Output

Time 4 ms (View Performance) Type Text

Value Formatted Raw Expression

"Rodrigo Andres Created on 7/25/2022 11:01 AM GMT-05:00" (Text)

RULE INPUTS

Name	Type	Arr
status	Text X	

AX_L8Ex2

```

1. if(r!milestone = "On Schedule",
2.   cons!AX_Exercises,
3.   "Revise Deadline")

```

Ad Hoc Test | Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
milestone (Text)	1	On Schedule

Save as Test Case

TEST RULE

Test Output

Time 1 ms (View Performance) Type Date

Value Formatted Raw Expression

12/1/2021 (Date)

RULE INPUTS

Name	Type
milestone	Text X

AX_L9Ex1

```

1 "Ticket #" & rlticketID &
2 " created by " & user(loggedInuser(),"firstName")

```

Ad Hoc Test | Test Cases (0)

▼ Test Inputs

Rule Input Name	Expression	Value
ticketID (Number (Integer))	1	123

Save as Test Case

TEST RULE

▼ Test Output

Time 4 ms (View Performance) Type Text

Value Formatted Raw Expression

"Ticket #123 created by Rodrigo Andres" (Text)

Exercise Step 4:

Acme Exercise

IMPORT PACKAGE | PACKAGES | COMPARE AND DEPLOY

All Application Objects > AX Rules & Constants >

AX Constants

Name	Description	Last Modified
AX_DOCUMENTS_FOLDER_POINTER	Points to the AX Documents folder	7/27/2022 3:27 PM by Rodrigo Andres Sanchez ...
AX_MAINTENANCE_POINTER	A pointer to the AX app maintenance users group	7/27/2022 3:17 PM by Rodrigo Andres Sanchez ...
AX_REGISTRARS_POINTER	A pointer to the AX app registrars group	7/27/2022 3:16 PM by Rodrigo Andres Sanchez ...
AX_SUPERVISORS_POINTER	A pointer to the AX app supervisors group	7/27/2022 3:15 PM by Rodrigo Andres Sanchez ...
AX_ALL_USERS_POINTER	A pointer to the AX app all users group	7/27/2022 3:14 PM by Rodrigo Andres Sanchez ...
AX_ADMINISTRATORS_POINTER	A pointer to the AX application administrators group	7/27/2022 3:12 PM by Rodrigo Andres Sanchez ...
AX_Exercise8	Constant for use in Exercise 8 of the Expressions course	7/27/2022 1:40 PM by Rodrigo Andres Sanchez ...

7 items

AX_DisplayUser

```

1 a!match(
2   values: true,
3   equals: isnull(rluser),
4   then: "",
5   equals: isusername(rluser),
6   then: proper(
7     user(rluser, "firstName") & " " & user(rluser, "lastna
8   ),
9   default: proper(joinarray(split(rluser, "."), " "))
10 )

```

Ad Hoc Test | Test Cases (0)

▼ Test Inputs

Rule Input Name	Expression	Value
user (Text)	1	rsanchezb@indracompany.co m

Save as Test Case

TEST RULE

▼ Test Output

Time 9 ms (View Performance) Type Text

Value Formatted Raw Expression

"Rodrigo Andres Sanchez Barrantes" (Text)