

Custom Functions

By leveraging [expr-eval](#) JavaScript library, now we can execute rules and evaluate expressions with multiple conditions

concat(values)

Description : Concatenates values
Alias : --
Returns : concatenated values
Example :
concat(vo(123), ', ', vo(124), ' is correct')
=> a, b is correct

concatWithDelimiter(delimiter, values)

Description : Concatenates values with delimiter(Ignores empty or null strings)
Alias : cwd
Returns : concatenated values
Example :
cwd(' ', ' ', vo(123), vo(124))
=> a, b

getElementById(id)

Description : Gives element by form-fill-metadata-id
Alias : elbyid(id)
Returns : element of given id
Example : elbyid(123)

valOf(id)

Description : Gives the value of element by form-fill-metadata-id
Alias : vo(id)
Returns : value of given id
Example : vo(123)

enable(condition, destIds)

Description : Enables elements of destIds if condition evaluates to true
Alias : en(condition, destIds)
Returns : condition
Example : en(vo(121)=='a', 123)

disable(condition, destIds)

Description : Disables elements of destIds if condition evaluates to true
Alias : dis(condition, destIds)
Returns : condition
Example : dis(vo(121)=='a',123,124)

makeMandatory(condition, destIds)

Description : Makes elements of destIds mandatory if condition evaluates to true
Alias : mm(condition, destIds)
Returns : condition
Example : mm(vo(121)=='a',123,124)

makeNonMandatory(condition, destIds)

Description : Makes elements of destIds non-mandatory if condition evaluates to true
Alias : mnmm(condition, destIds)
Returns : condition
Example : mnmm(vo(121)=='a',123,124)

makeVisible(condition, destIds)

Description : Makes elements of destIds visible if condition evaluates to true
Alias : mvi(condition, destIds)
Returns : condition
Example : mvi(vo(121)=='a',123,124)

makeInvisible(condition, destIds)

Description : Makes elements of destIds invisible if condition evaluates to true
Alias : minvi(condition, destIds)
Returns : condition
Example : minvi(vo(121)=='a',123,124)

copyToFillData(condition, srcValue, destIds)

Description : Copies srcValue to destIds if condition evaluates to true
Alias : ctfd(condition, srcValue, destIds)
Returns : condition

Example : 1) ctfd(vo(121)=='a','SomeValue',123,124)
2) ctfd(vo(121)=='a',elbyid(120),123,124)
3) ctfd(true,concat(123,124))

executeRuleById(condition, formFillMetadataIds)

Description : Executes all rules of other form-fill-data(to avoid defining same rules)
Alias : erbyid(condition,formFillMetadataIds)
Returns : condition
Example : erbyid(true,121)

clearField(condition, destIds)

Description : Clears destId fields if condition evaluates to true
Alias : cf(condition,destIds)
Returns : condition
Example : cf(true,121,124)

partyType()

Description : Gives the current partyType;
Alias : pt()
Returns : FP or SP or undefined
Example : pt()

memberType()

Description : Gives the current transaction memberType;
Alias : mt()
Returns : CREATED_BY, CREATED_FOR, APPROVER, GENERIC_PARTY
Example :
mv(mt()=='APPROVER',340);
// this makes filldata-340 visible if the current transaction member is approver

addError(condition, message, ...destIds)

Description : Adds error message to destIds if condition evaluates to true
Alias : adderr()
Returns : condition
Example : adderr(true,'Value is invalid',340)

removeError(condition, formFillMetadataIds)

Description : Removes error message from destIds if condition evaluates to true
Alias : remerr()
Returns : condition
Example : remerr(true, 340)

formTag()

Description : Gives name of form field
Alias : ft()
Returns : name of field
Example : ft(340);

toLowerCase()

Description : Transforms input value to lowercase
Alias : tolc()
Returns : value transformed to lowercase
Example : tolc(vo(340));

toUpperCase()

Description : Transforms input value to uppercase
Alias : touc()
Returns : value transformed to uppercase
Example : touc(vo(340));

contains(sequenceToSearch,value)

Description : Returns true if and only if this string contains the specified sequence of char values.
Alias : cntns()
Returns : true or false
Example : cntns('+', 'start');// false

validationStatusOf(id)

Description : Returns validation status of the form-fill-data
Alias : vso()
Returns : true or false
Example : vso(12345);// 'SUCCESS'
Values : INIT, SUCCESS, FAIL, PENDING, ABORTED, TIMEOUT, WARN

sessionBasedMakeVisible(condition,param,destIds)

Description : Makes elements of destIds visible if condition evaluates to true and execute rule based on session based param
Alias : sbmvi(condition,param,destIds)
Returns : condition
Example : mvi(vo(121)=='a','GENERIC_STATIC',123,124)

sessionBasedMakeInvisible(condition,param,destIds)

Description : Makes elements of destIds invisible if condition evaluates to true and execute rule based on session based param
Alias : minvi(condition,param,destIds)
Returns : condition
Example : sbminvi(vo(121)=='a','SECOND_PARTY',123,124)

replaceRange(strng, start, end, subst, replaceEachChar = true)

Description : Replaces range of chars of a string with a substitute and replaceEachChar(optional, default=true) setting.
Alias : rplrng
Returns : string with range of chars replaced with subst
Example :
rplrng("1234567890ab",0,8,"X")
=> XXXXXXX90ab
rplrng("1234567890ab",0,8,"X",false)
=> X90ab
rplrng("1234567890ab",0,8,"",false)
=> 90ab

regexTest(value, regex)

Description : Tests if a string matches the provided regular expression..
Alias : rgxtst
Returns : Returns true if the regular expression matches, otherwise returns false.
Example :
regexTest(vo(12345),'^\\d{10}\$')
=> true or false depending on whether the value of element 12345 is a 10-digit number.

```
regexTest(vo(12345),vo(12346))  
=> true or false depending on whether the value  
of element 12345 matches the regex provided by  
the value of element 12346
```

Pre-defined Functions

<https://github.com/silentmatt/expr-eval#pre-defined-functions>

Expression Syntax

<https://github.com/silentmatt/expr-eval#expression-syntax>

Usage

Ex1 :

Expression

```
minvi( (vo(340)=="1" and  
vo(341)=="abc") , 342) ; mvi( (vo(340)!="1" or  
vo(341) != "abc") , 342)
```

Above expression makes filldata-342 invisible if value of filldata-340 is '1' and value of filldata-341 is 'abc'; And, makes filldata-342 visible if value of filldata-340 is not '1' or value of filldata-341 is not 'abc';