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Expression in DMN

Requirements in context of customer pilots

Booleans

Should be possible to use Parameters in Expression, e.g. to translate simple Booleans. Maybe easier than this workaround?

Personenschaden?
Boolean [ja,nein]
#{schaden.personenschaden ? 'ja' : 'nein'}
ja

Ranges

Should be possible to define ranges in a FEEL compliant way

- [0..10]   0 < x < 10

- (0..10)   0 <= x <= 10

- Works with Numbers AND Dates

Geplante Abwesenheit
[2015-07-14..2015-07-15]

Freigabekompetenz
[0..1000]
[1000..5000]
[5000..10000]
>10000

Should be possible to check if a value is in a certain list (not checked if there is a FEEL complicant way)

Eingangskanal

String

antrag.eingangskanal

IN [Fax, Brief, ...]

!=

Just to make sure: we need a "not equals" (in a FEEL compliant way?)

Anzahl aktiver Einzelverträge
Number
!= 1

Scripting in Expression?

We have

- A list of contracts as input
- Every contract has a flag „active" = true/false

We need

- The number of active contracts to compare our rules against

Question

- Does this have to be done in Java?
- Or can this be counted within the expression language with some kind of scripting?

Anzahl aktiver
Einzelverträge

Number

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Use İnput in Output

I need to reference the input data in an output expression – allowing to e.g.

- Use a name/string in an explanation/reason (see example)

- Use a number in a calculation (e.g. 1,4 * price)

- ...

Ausnahme-Rahmenvertrag			
HP/P	Rahmenvertrags-Nr	Rahmenvertrags-Text	Aussteuerungsgrund
1	74568743	BW-Bank	Rahmenvertrag 'BW-Bank' hat Ausnahmebehandlung
2	57438543		Rahmenvertrag ' ' hat Ausnahmebehandlung