



Purpose

Purpose of the section is to introduce calculation within collections.

Description

1. Adding a rule which compares the value of NbOfTx to the amount of Tx occurrences within file
2. Testing

Instructions

1: Adding a rule which compares the value of NbOfTx to the amount of Tx occurrences within file

When we are comparing a value of an element to a number of occurrences of another element, we first have to find a shared context for both of these elements and keep in mind that we most likely are comparing a string value to an integer value, depending on the type defined in the schema.

In this rule, we can start by making a rule from scratch. We should select NumberOfTransactions from the tree, but this time choosing plus icon instead of a dropdown. Following empty modal should now be visible.

New rule
(Antero's ruleset)

Details

MIG details: ▶

Rule basic details: ▼

Active

Name*

Internal note

Wiki

Rule location XPath

Validation definition ▼

Severity*

Context*

Definition*

1

Validation message*

Message location

1

We now have to fill every mandatory text box manually.

First common type of the relevant elements has to be "Message", and OCL code will be as follows:

```
self.Header.NumberOfTransactions = self.Transaction->size()
```

->size() will return an integer of the amount of Transaction elements.

2: Testing

Testing should include both valid and invalid amounts.