



Description of the method

Description:	->count() method returns the number of occurrences of the given object in the collection.
Available for:	collections
Parameters:	object
Return type:	integer

Example

Context:	Message
OCL:	self.Transaction.Amount->count(30) = 2
Description:	The example rule checks every transaction amount in the message and if the number of occurrences of the value 30 is 2, true will be returned.

The XML snippet below would pass this check.

```
<?xml version="1.0" encoding="UTF-8"?>
<Message xmlns="http://www.XMLdation.com"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Header>
    <Id>a</Id>
    <TimeStamp>2018-05-28T12:17:50</TimeStamp>
    <ControlSum>2</ControlSum>
    <NumberOfTransactions>1</NumberOfTransactions>
  </Header>
  <Transaction>
    <Id>TransactionId1</Id>
    <Amount>30</Amount>
    <Debtor>
      <Name>Debtor1</Name>
    </Debtor>
  </Transaction>
</Message>
```

```

<Creditor>
  <Name>Creditor1</Name>
</Creditor>
</Transaction>
<Transaction>
  <Id>TransactionId2</Id>
  <Amount>30</Amount>
  <Debtor>
    <Name>Debtor2</Name>
  </Debtor>
  <Creditor>
    <Name>Creditor2</Name>
  </Creditor>
</Transaction>
</Message>

```

The other snippet below however would not pass this check. (The second transaction amount is not 30, therefor the number of occurrences is 1)

```

<?xml version="1.0" encoding="UTF-8"?>
<Message xmlns="http://www.XMLdation.com"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Header>
    <Id>a</Id>
    <TimeStamp>2018-05-28T12:17:50</TimeStamp>
    <ControlSum>2</ControlSum>
    <NumberOfTransactions>1</NumberOfTransactions>
  </Header>
  <Transaction>
    <Id>TransactionId1</Id>
    <Amount>30</Amount>
    <Debtor>
      <Name>Debtor1</Name>
    </Debtor>
    <Creditor>
      <Name>Creditor1</Name>
    </Creditor>
  </Transaction>
  <Transaction>
    <Id>TransactionId2</Id>
    <Amount>35</Amount>
    <Debtor>
      <Name>Debtor2</Name>
    </Debtor>
    <Creditor>

```

```
<Name>Creditor2</Name>  
</Creditor>  
</Transaction>  
</Message>
```