



## Description of the method

<b>Description:</b>	->at() method returns the element of the collection at the given index position.
<b>Available for:</b>	sequence, orderedset
<b>Parameters:</b>	integer
<b>Return type:</b>	element

## Example

<b>Context:</b>	Message
<b>OCL:</b>	self.Transaction.Amount->at(0) = 30
<b>Description:</b>	The example rule checks the first transaction amount in the message and if the amount is 30, 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>
    <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>

```

The other snippet below however would not pass this check. (The first transaction amount is not 30)

```

<?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>100</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>
```