

# filterByCardinality()

## Supported list types

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1

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### Number list

This function filters a **number list** by the list elements' **cardinality** (how often they appear in the list) using the given comparison.

#### Syntax

```
filterByCardinality(numberList, operator, number) #Output: Number list
```

## Examples

Parser expression	Description
<pre>filterByCardinality([anyNumberList], &gt;, 1)</pre>	In this example a <b>number list</b> with those elements would be returned, that occurred <b>more than once</b> in the number list.
<pre>filterByCardinality([1, 1, 2, 3, 4, 4, 4, 5], &gt;, 1)</pre>	This example returns <b>[1, 4]</b> since <b>1</b> and <b>4</b> are occurring <b>more than once</b> in the list.
<pre>filterByCardinality([1, 1, 2, 3, 4, 4, 4, 5], =, 1)</pre>	This example returns <b>[2, 3, 5]</b> since these values are occurring <b>exactly once</b> in the list.

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
numberList	<div>NUMBER LIST</div>	Any given number list.
operator	<div>OPERATOR</div>	One of the following comparison operators: =, !=, <, <=, > and >=.
number	<div>NUMBER</div>	Any given number that will be used in combination with the operator to filter the given list.

## Output

This function returns a 

NUMBER LIST

.

If the number list is empty or the comparison won't be fulfilled by any element, the function returns an empty 

NUMBER LIST

.

## Text list

A variant for **text lists**.

### Syntax

```
filterByCardinality(textList, operator, number) #Output: Text list
```

## Examples

Parser expression	Description
<pre>filterByCardinality(["tiger", "tiger", "tiger", "lion", "lion", "cat", "lynx"], &lt;, 3)</pre>	This example returns <b>["lion", "cat", "lynx"]</b> since these elements are occurring <b>less than 3 times</b> in the list.
<div><div>Syntax</div><pre>filterByCardinality(fieldValue(%{issue.component}, subtasks()), =, count(subtasks()))</pre></div>	This example returns a <b>text list</b> with those <b>Components</b> who are present in <b>all sub-tasks</b> .  To achieve this, the following functions are used: <ul style="list-style-type: none"><li>• <a href="#">fieldValue()</a></li><li>• <a href="#">subtasks()</a></li><li>• <a href="#">count()</a></li></ul>

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
textList	<input type="text" value="TEXT LIST"/>	Any given text list.
operator	<input type="text" value="OPERATOR"/>	One of the following comparison operators: =, !=, <, <=, > and >=.
number	<input type="text" value="NUMBER"/>	Any given number that will be used in combination with the operator to filter the given list.

## Output

This function returns a .

If the number list is empty or the comparison won't be fulfilled by any element, the function returns an empty .

## Issue list

A variant for **issue lists**.

### Syntax

```
filterByCardinality(issueList, operator, number) #Output: Issue list
```

## Examples

Parser expression	Description
<pre>filterByCardinality(linkedIssues(), &gt;, 1)</pre>	<p>This example returns an <b>issue list</b> with all issues that are <b>linked</b> to the current issue <b>more than once</b>.</p> <p>To achieve this, the following functions are used:</p> <ul style="list-style-type: none"><li>• <a href="#">linkedIssues()</a></li></ul>

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
issueList	<input type="text" value="ISSUE LIST"/>	Any given issue list. Usually this value is retrieved from a function (e.g. <a href="#">linkedIssues()</a> or <a href="#">subtasks()</a> ).
operator	<input type="text" value="OPERATOR"/>	One of the following comparison operators: =, !=, <, <=, > and >=.
number	<input type="text" value="NUMBER"/>	Any given number that will be used in combination with the operator to filter the given list.

## Output

This function returns an .

If the number list is empty or the comparison won't be fulfilled by any element, the function returns an empty .



## Use cases and examples

### Use case

No content found.