

# getMatchingValue()

## Supported list types

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### Number list

This function returns the **numeric reference value** of a given **text**.

If this **textKey** does not exist in the **textList**, the function returns the last value of the **referenceNumberList**, if the **referenceNumberList** has one value more than the **textList**, otherwise

NULL

### Syntax

```
getMatchingValue(textKey, textList, referenceNumberList) #Output: Number
```

## Examples

Parser expression	Description
<pre>%{getMatchingValue(%{issue.priority}, ["High", "Medium", "Low"], [3, 2, 1])}</pre>	<p>This example returns the correct number depending on the <b>current priority</b>.</p> <div><p>This example could be used e.g. in the <a href="#">Update fields</a> post function to set a specific field depending on the current priority.</p></div>
<pre>%{getMatchingValue("Critical", ["Normal", "High", "Critical"], [1, 5, 20])}</pre>	<p>This example returns:</p> <p><b>20</b></p>
<pre>%{getMatchingValue("None", ["Normal", "High", "Critical"], [1, 5, 20, 0])}</pre>	<p>This example returns</p> <p><b>0</b></p> <p>The <b>textKey</b> "None" is not available in the <b>textList</b>, so the last value of the <b>referenceNumberList</b> is returned (it has one more value than the <b>textList</b>).</p>
<pre>%{getMatchingValue("Three", ["One", "Two", "Three", "Four", "Five"], [1, 1+1, 3*1, 4, 4+1])}</pre>	<p>This example returns:</p> <p><b>3</b></p>

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
textKey	<div>TEXT</div>	A text that exists in the <b>textList</b> .

textList	TEXT LIST	Any given text list.
referenceNumberList	NUMBER LIST	Any given number list.

## Output

This function returns a NUMBER

Variant with a **numberKey** and two **number lists**.

### Syntax

```
getMatchingValue(numberKey, numberList, referenceNumberList) #Output: Number
```

## Examples

Parser expression	Description
<pre>%{getMatchingValue(5, [1, 3, 5, 7, 9], [1, 1+1, 3*1, 4, 4+1])}</pre>	This example returns: <b>3</b>
<pre>%{getMatchingValue(3, [1, 5, 7, 9], [1, 2, 3, 4, 99])}</pre>	This example returns: <b>99</b>  The <b>numberKey</b> 3 is not available in the <b>numberList</b> , so the last value of the <b>referenceNumberList</b> is returned (it has one more value than the <b>numberList</b> ).

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
numberKey	NUMBER	A number that exists in the <b>numberList</b> .
numberList	NUMBER LIST	Any given number list.
referenceNumberList	NUMBER LIST	Any given number list.

## Output

This function returns a NUMBER

## Text list

This function returns the **text reference value** of a given **text**.

If this **textKey** does not exist in the **textList**, the function returns the last value of the **referenceTextList**, if the **referenceTextList** has one value more than the **textList**, otherwise an empty text.

### Syntax

```
getMatchingValue(textKey, textList, referenceTextList) #Output: Text
```

## Examples

Parser expression	Description
<pre>%{getMatchingValue("Spain", ["USA", "UK", "France", "Spain", "Germany"], ["Washington", "London", "Paris", "Madrid", "Berlin"])}%</pre>	This example returns: <b>"Madrid"</b>
<pre>%{getMatchingValue(%{issue.issueType}, ["Task", "Sub-Task", "Story"], ["This is the description for a Task.", "Description for a Sub-Task", "Here comes the Story."])}%</pre>	This example returns the correct description depending on the current issue type.  This could be used e.g. in the <a href="#">Create issue</a> or <a href="#">Update fields</a> post function to set the description depending on the selected issue type.

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
textKey	<input type="text" value="TEXT"/>	A text that exists in the <b>textList</b> .
textList	<input type="text" value="TEXT LIST"/>	Any given text list.
referenceTextList	<input type="text" value="TEXT LIST"/>	Any given text list.

## Output

This function returns a

Variant with a **number list**.

## Syntax

```
getMatchingValue(numberKey, numberList, referenceTextList) #Output: Text
```

## Examples

Parser expression	Description
<pre>%{getMatchingValue(8, [2, 4, 6, 8, 10], ["Washington", "London", "Paris", "Madrid", "Berlin"])}%</pre>	This example returns:  <b>"Madrid"</b>

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
numberKey	<input type="text" value="NUMBER"/>	A number that exists in the <b>numberList</b> .
numberList	<input type="text" value="NUMBER LIST"/>	Any given number list.
referenceTextList	<input type="text" value="TEXT LIST"/>	Any given text list.

## Output

This function returns a



## Use cases and examples

Use case	JWT feature	Workflow function	Parser functions	Label
Create a sub-task for each component		Create issue	toStringList() getMatchingValue()	