

# append()

## Supported list types

[Number list](#) | [Text list](#) | [Issue list](#) | [Use cases and examples](#)

1

2

3

### Number list

This function combines two **number lists**.

The order of elements is respected and the result may contain duplicates.

If you want to avoid duplicates, use the function [union\(\)](#).

### Syntax

```
append(numberList1, numberList2) #Output: Number list
```

## Examples

| Parser expression                                                                                                          | Description                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>append([1, 2, 3], [3, 4, 5])</pre>                                                                                    | This example returns<br><b>[1, 2, 3, 3, 4, 5]</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <pre>append(fieldValue({issue.timeSpent}, linkedIssues("is blocked by")), fieldValue({issue.timeSpent}, subtasks()))</pre> | This example returns a <b>number list</b> with <b>Total time Spent (in minutes)</b> in blocking issues and sub-tasks.<br><br>To achieve this, the following functions are used: <ul style="list-style-type: none"><li>• <a href="#">fieldValue()</a></li><li>• <a href="#">linkedIssues()</a></li><li>• <a href="#">subtasks()</a></li></ul> <div>This number list can be summed using function <a href="#">sum()</a>.</div> |

## Additional information

Parameters used in this function

| Parameter   | Input (data type)      | Description            |
|-------------|------------------------|------------------------|
| numberList1 | <div>NUMBER LIST</div> | Any given number list. |
| numberList2 | <div>NUMBER LIST</div> | Any given number list. |

## Output

This function returns a `NUMBER LIST`.

If both lists are empty, the function returns an empty `NUMBER LIST`.

## Text list

Variant for **text lists**.

### Syntax

```
append(textList1, textList2) #Output: Text list
```

## Examples

| Parser expression                                                                                                                   | Description                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>append(["blue", "red", "green"], ["red", "green", "yellow"])</pre>                                                             | This example returns<br><b>["blue", "red", "green", "red", "green", "yellow"]</b>                                                                                                                                                                                                                                                            |
| <pre>append(fieldValue(%{issue.fixVersion}, subtasks()), fieldValue(%<br/>{issue.fixVersion}, linkedIssues("is blocked by")))</pre> | This example returns a <b>text list</b> with <b>Fix Version/s</b> of all <b>sub-tasks</b> and <b>blocking</b> issues.<br><br>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="#">linkedIssues()</a></li></ul> |

## Additional information

Parameters used in this function

| Parameter | Input (data type)      | Description          |
|-----------|------------------------|----------------------|
| textList1 | <code>TEXT LIST</code> | Any given text list. |
| textList2 | <code>TEXT LIST</code> | Any given text list. |

## Output

This function returns a `TEXT LIST`.

If both lists are empty, the function returns an empty `TEXT LIST`.

## Issue list

Variant for **issue lists**.

### syntax

```
append(issueList1, issueList2) #Output: Issue list
```

## Examples

| Parser expression                                                | Description                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>append(linkedIssues("is blocked by"),<br/>subtasks())</pre> | <p>This example returns an issue list of <b>blocking</b> issues and <b>sub-tasks</b>.</p> <p>If a sub-task is also linked with issue link type "<b>is blocked by</b>", it will appear <b>twice</b> in the output list.</p> <p>To achieve this, the following functions are used:</p> <ul style="list-style-type: none"><li>• <a href="#">linkedIssues()</a></li><li>• <a href="#">subtasks()</a></li></ul> |

## Additional information

Parameters used in this function

| Parameter  | Input (data type)                       | Description                                                                                                                                 |
|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| issueList1 | <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> ). |
| issueList2 | <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> ). |

## Output

This function returns an .

If both lists are empty, the function returns an empty .

This function is the **equivalent** to the list operator [APPEND](#) and can be used interchangeably.



## Use cases and examples

| Use case                                                        | JWT feature | Workflow function | Field type | Automated action                    | Parser functions |
|-----------------------------------------------------------------|-------------|-------------------|------------|-------------------------------------|------------------|
| <a href="#">Add components of the epic to the current issue</a> |             |                   |            | <a href="#">Update field action</a> |                  |