

union()

Supported list types

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1

2

3

Number list

This function returns a **number list** with distinct elements from two lists.

Syntax

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

Examples

Parser expression	Description
<pre>%{union([1, 2, 3], [3, 4, 5])}</pre>	This example returns 1, 2, 3, 4, 5
<pre>%{union(toNumberList(%{issue.versions.id}), toNumberList(%{issue.fixVersions.id}))}</pre>	This example returns a distinct number list of both affected and fix version/s id/s of the current issue, e.g. 10002,10000,10001 To achieve this, the following functions are used: <ul style="list-style-type: none">toNumberList()

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

1

2

3

Text list

Variant for **text lists**.

Syntax

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

Examples

Parser expression	Description
<pre>%{union(["blue", "red", "green"], ["red", "green", "yellow"])}%</pre>	This example returns blue, red, green, yellow
<pre>%{union(toStringList(%{issue.versions}),toStringList(%{issue.fixVersions}))}%</pre>	This example returns a distinct text list of both affected and fix version/s of the current issue, e.g. 1.1,1.0,2.0 To achieve this, the following functions are used: <ul style="list-style-type: none">• toStringList()

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
textList1	<input type="text" value="TEXT LIST"/>	Any given text list.
textList2	<input type="text" value="TEXT LIST"/>	Any given text list.

Output

This function returns a



Issue list

Variant for **issue lists**.

syntax

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

Examples

Parser expression	Description
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```
%{union(linkedIssues(),
subtasks())}
```

This example returns the **issue list** of **linked issues** and **sub-tasks** of current issue, **without duplicates**.

To achieve this the following functions are used:

- [linkedIssues\(\)](#)
- [subtasks\(\)](#)

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
issueList1	ISSUE LIST	Any given issue list. Usually this value is retrieved from a function (e.g. linkedIssues() or subtasks()).
issueList2	ISSUE LIST	Any given issue list. Usually this value is retrieved from a function (e.g. linkedIssues() or subtasks()).

Output

This function returns an ISSUE LIST



Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Add watchers from another field		Update fields Transition issue			union() toStringList()