

distinct()

Supported list types

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1

2

3

Number list

This function removes all duplicates from a **number list**.

Syntax

`distinct(numberList)` #Output: Number list

Examples

Parser expression	Description
<code>distinct([1, 2, 1, 3, 4, 4, 5])</code>	This example returns [1, 2, 3, 4, 5]
<code>distinct(fieldValue({issue.dueDate}, linkedIssues("is cloned by")))</code>	This example returns a number list of dates containing due dates of cloning issues, with only one occurrence per due date, although more than one issue may share the same due date . To achieve this, the following functions are used: • fieldValue() • linkedIssues()

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
numberList	<code>NUMBER LIST</code>	Any given number list.

Output

This function returns a `NUMBER LIST`.

If the list is empty, the function returns an empty `NUMBER LIST`.

1

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Text list

This function removes all duplicates from a **text list**.

Syntax

```
distinct(textList) #Output: Text list
```

Examples

Parser expression	Description
<pre>distinct(["blue", "green", "yellow", "blue", "yellow"])</pre>	This example returns ["blue", "green", "yellow"]
<pre>distinct(fieldValue(%{issue. assignee}, subtasks()))</pre>	This example returns a text list of the sub-tasks' assignees with only one occurrence per user, although a user may have more than one sub-task assigned. To achieve this, the following functions are used: • fieldValue() • subtasks()

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
textList	TEXT LIST	Any given text list.

Output

The function returns a .

If the list is empty, the function returns an empty .



Issue list

This function removes all duplicates from an **issue list**.

Syntax

```
distinct(issueList) #Output: Issue list
```

Examples

Parser expression	Description
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```
distinct  
(linkedIssues())
```

This example returns an **issue list** of linked issues, with only one occurrence per issue, although an issue may be linked with more than one issue link type.

To achieve this, the following functions are used:

- [linkedIssues\(\)](#)

Additional information

Parameters used in this function

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

Output

This function returns an .

If the list is empty, the function returns an empty .



Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Display reporters of linked Cloud issues			Text		executeRemoteAction() findPattern() toStringList() toString() distinct()
Match several values of a list		Update or copy field values			toString() distinct() filterByPredicate()
Components from all sub-tasks			Text		toString() distinct() fieldValue() subtasks()
Reject duplicated file names in attachments		Logical validator Logical condition			count() toStringList() distinct()