

toStringList()

This function converts a comma-separated **text** into a **text list**.

A common use case is a **text list** representing the selected elements of a [selectable field](#), e.g. components.

If you want to test the output or need the actual text instead of a list, wrap your expression in a [toString\(\)](#) function.

Syntax

toStringList(text) #Output: Text list

Examples

Parser expression	Description
toStringList(%{issue.components})	This example returns a text list with each of the components selected in the current issue , e.g.: ["ui", "portal"]
count(toStringList(%{issue.labels}))	This example returns the number of labels attached to the current issue, e.g.: 2 To achieve this, the following functions are used: • count()

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
text	TEXT	Any comma-separated text satisfying the format: "Element1, Element2". This function is often used in combination with Selectable field options .

Output

The function returns a

TEXT LIST

Variant where you can additionally define custom **separators**.

Leading and trailing spaces around each list element are automatically removed.

Syntax
toStringList(text, separators) #Output: Text list

Examples

Parser expression	Description
toStringList("red, orange, yellow? green; blue; purple", ",?;")	This example returns the text list: ["red", "orange", "yellow", "green", "blue", "purple"]

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
text	TEXT	Any text with elements separated by the characters defined in the second argument.
separators	TEXT	Any separator character.

Output

The function returns a

TEXT LIST

 Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Add comment with the request participants' display name		Add comment			toString() textOnStringList() toStringList() userDisplayName()
Prevent a transition depending of the number of components	 	Logical validator Logical condition			numberOfSelectedItems()
Display reporters of linked Cloud issues			Text		executeRemoteAction() findPattern() toStringList() toString() distinct()
Create a sub-task for each component		Create issue			toStringList()

Evaluate Assets objects	 	Logical validator Logical condition		findPattern() findReplaceAll() replaceAll() toStringList()
Link to JQL query with information from issue			Text	toString() textOnStringList() toStringList()
Add links to the issues in a ScriptRunner Issue Picker field			Create issue link action Delete issue link action	issueKeysToIssueList() toString() toStringList() replaceAll() previousValue()
Add components of the epic to the current issue			Update field action	
Prevent external users from creating issues		Logical validator		matches() toString() textOnStringList() toStringList() userDisplayName()
Create sub-tasks depending on selected values in custom field		Create issue		toStringList()
Clone epic, tasks and sub-tasks		Create issue		toString() toStringList() issueKeysToIssueList() replaceFirst() first() fieldValue() textOnStringList() findModify() subtasks() issuesUnderEpic()
Create a sub-task for every user in a field and assign them		Create issue		getMatchingValue() toStringList()
Add a table with the elements of a text to an email		Send email		toString() textOnStringList() toStringList()
Create several issues combining fields		Create issue		nthElement() toStringList() modulus() count() ceil()
Change the assignee to the next evaluator		Update or copy field values		first() toStringList()
Halt a transition if an element is not contained in a list	 	Logical validator Logical condition		toStringList()
Create sub-tasks depending on selected values in a custom field			Create issue action	toStringList()
Reject duplicated file names in attachments	 	Logical validator Logical condition		count() toStringList() distinct()