

Create several sub-tasks depending on the component

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Use case

This use case serves the purpose of giving a detailed explanation on how to create several sub-tasks depending on the component or components in the *Components* field.



Configuration

1

Add a [Create issue](#) post function to the **workflow transition** of your choice.

2

Issues to be created

1

Mode

Choose **Multiple issues**.

2

Expression

Write an expression using this format with parsing mode in **Text list**.

```
("Component A" in %{"00187"} ? ["A1", "A2", "A3"] : []) APPEND
("Component B" in %{"00187"} ? ["B1", "B2"] : []) APPEND
("Component C" in %{"00187"} ? ["C1", "C2", "C3", "C4"] : []) APPEND
("Component D" in %{"00187"} ? ["D1"] : [])
```

In this expression we check that every defined component is in the Components field and, if it is, we add the texts between quotation marks to a text list. The number of elements in the resulting list defines the number of issues to be created.

3

Issue type

Choose **Selected issue type**.

4

Specific issue type

Choose **Sub-task**.

5

Parent issue

Choose **Current issue**.

3

Summary

Enter the following expression

```
"Sub-task of ${issue.key} - " + ${seed.text}
```

with parsing mode set to **Advanced text**.

The texts of the text list of the previous expression will replace in each newly created sub-task the seed text field code.

4

Description

To enrich the issue with further information, you might want to add a short description, although it is not mandatory.



Related use cases

Use case	JWT feature	Workflow function	Parser functions	Label
Clone epic, tasks and sub-tasks		Create issue	toString() toStringList() issueKeysToIssueList() replaceFirst() first() fieldValue() textOnStringList() findModify() subtasks() issuesUnderEpic()	
Create an issue in the current project		Create issue		STAFF PICK
Create an issue with a custom summary		Create issue	previousValue()	
Create a sub-task for each component		Create issue	toStringList()	
Create a sub-task for every recurring deadline within a task		Create issue	addMonths() getMatchingValue() dateToString()	
Create a sub-task for every sub-task closed		Create issue	findReplaceFirst() first() findPattern() toString() sum() toNumber()	
Create a sub-task for every user in a field and assign them		Create issue	getMatchingValue() toStringList()	
Create child issue within Advanced Roadmaps hierarchy		Create issue		

Create issues randomly		Create issue	modulus() round() random()
Create issue under epic		Create issue	toString() epic()
Create several issues combining fields		Create issue	nthElement() toStringList() modulus() count() ceil()
Create several sub-tasks depending on the component		Create issue	
Create sub-tasks depending on selected values in custom field		Create issue	toStringList()
Create three issues with individual summaries		Create issue	getMatchingValue()

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If you still have questions, feel free to refer to our [support](#) team.