Create a sub-task for each component

On this page

Use case

Create a sub-task for each selected component of the transitioned issue. A different component of the main issue will be inherited by each sub-task.

⚙ Configuration steps

(1) **Mode***

Choose **Multiple issues based on a text list** and enter the following expression with the expression editor set to **General mode**.

Expression

```
%{toStringList(%{issue.components.id})}
```

The number of elements in the text list defines the number of issues to be created.

Variant

```
%{except(toStringList(%{issue.components.id}),fieldValue(%{issue.components.id}, subtasks()))}
```

In order to **avoid the creation of sub-tasks that have already been created**, this expression excludes from the list the IDs of the components that are already included in the sub-tasks.

(2) **Issue type***

Choose **Selected issue type**.

(3) **Specific issue type**

Choose **Sub-task**.

(4) **Parent issue***

Choose **Current issue**.

5 Summary*

Enter the following expression with parsing mode set to **General**.

```
Sub-task for %{getMatchingValue(%{seed.text}, toStringList(%{issue.components.id}),
toStringList(%{issue.components}))}
```

> This expression will **return the name of the component associated to the ID**.

6 Description

To enrich the issue with more information, you might want to add a short description.

7 Components

Select and **update the Components fields manually** with the following expression in **General** mode.

```
%{seed.text}
```

📁 Related examples

Use case	JWT feature	Workflow function	Parser functions	Complexity
Create an issue in the current project	⚙️	Create issue		BEGINNER
Create an issue with a summary to check for attachment type	⚙️	Create issue	matches()	INTERMEDIATE
Create a simple sub-task	⚙️	Create issue		BEGINNER
Create a story in an Epic	⚙️	Create issue		BEGINNER
Create a sub-task for each component	⚙️	Create issue	toStringList() getMatchingValue()	BEGINNER
Create a sub-task for each user selected in a User Picker field	⚙️	Create issue	jiraExpression()	BEGINNER
Create a sub-task for high priority issues	⚙️	Create issue		INTERMEDIATE
Create a sub-task linked to issues with a specific priority	⚙️	Create issue		INTERMEDIATE

Create a sub-task mentioning the assignee when a high priority task is ready for review	⚙	Create issue	**BEGINNER**
Create multiple sub-tasks with different summaries and descriptions	⚙	Create issue nthElement()	**INTERMEDIATE**
Create two sub-tasks when a user story is being approved	⚙	Create issue	**INTERMEDIATE**

If you still have questions, feel free to refer to our support team.