

# Clone an issue and all its subtasks (with additional restrictions)

## On this page

- [Features used to implement the example](#)
- [Example: Copy an issue and all its subtasks \(with additional restrictions\)](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

## Features used to implement the example


- [Create issues and sub-tasks](#)

## Example: Copy an issue and all its subtasks (with additional restrictions)

In this example we want copy an issue and its subtasks by combining two **Create issues and sub-tasks** post-functions and an Ephemeral Field.

The goal is to create an **alternative to the standard issue cloning function**. Additionally we want to make sure that the assignee (of the sub-tasks) is not being cloned (since a different user might have to work on the new issues).

Let's have a look at the final configuration:

- **Post function 1:**
  - Choose to create **one** issue and choose to inherit the current issue type and project key.
  - Select to **inherit fields from the current issue** and the **rest of the fields** option
  - Select the option to save the **issue key** in the virtual field **Ephemeral string 3** (we need this in the second post-function)
  - Set assignee to **null** in advanced parsing mode
  -  The result should look like this:

1. Create **one** issue.

Issue type: **Standard issue type** with name specified by the following **string expression**:

`%{Issue type}`

Project: Project with key returned by the following **string expression**:

`%{Project key}`

Summary: text in **basic** parsing mode

`%{Summary}`

Description: text in **basic** parsing mode

`%{Description}`

Set fields:

Field	Type of Value	Value
Assignee	Parsed text (advanced mode)	null
Add to time spent (minutes)	Math/Time expression	0


Fields will inherit values from the **current issue**. The following will be inherited:

- Rest of fields

**Issue keys of created issues will be saved** as a comma separated list into **Ephemeral string 3** virtual field.

This feature will be run as user in field **Current user**. by JWT

• **Post function 2:**

- Choose to create **issues based on seeds** and the option **issue list** -> collect all subtasks with the expression: **subtasks()**
- For the issue type select the option **Issue Type Name (subtask)** and use the expression **^%{00014}** (which is the current issue type of each subtask)
- As parent issue select the option **issue key** and write the expression **%{00063}** which references the **Ephemeral string 3** with the **issue key** of the cloned parent issue (from post-function 1)
- Summary and description fields need the **advanced parsing** mode and the following expressions:
  - summary: **^%{00000}**
  - description: **^%{00001}**
- We choose to clear the assignee and set the assignee to **null** in **advanced parsing** mode
- Additionally select **inherit fields from the seed issue** and at least select the **rest of the fields** option, to clone the field values of the subtasks
-  The result should look like this

2. Create an issue **per seed issue** returned by the following **issue list** expression:

**subtasks ()**

**Issue type:** **Subtask issue type** with name specified by the following **string expression**:

**^%{Issue type}**

**Parent issue:** Issue with key returned by the following **string expression**:

**%{Ephemeral string 3}**

**Summary:** text in **advanced** parsing mode

**^%{Summary}**

**Description:** text in **advanced** parsing mode

**^%{Description}**

**Set fields:**

Field	Type of Value	Value
Assignee	Parsed text (advanced mode)	null

Fields will inherit values from the **seed issue**. The following will be inherited:

- Rest of fields

This feature will be run as user in field **Current user**.

by JWT

Note that:

- **%{00074}** is the field code for "**Fix Version/s**"
- **^%{00000}** is the field code for the seed's **Summary**
- **^%{00001}** is the field code for the seed's **Description**
- **^%{00014}** is the field code for the seed's **Issue Type**
- **%{00063}** is the field code for the Ephemeral String 3 (used to temporarily store the parents key)

## Other examples of that function

Page: [Assign new issues to a different project role depending on field value in current issue](#)  
Page: [Clone an issue and all its subtasks \(with additional restrictions\)](#)  
Page: [Create 3 issues in 3 different projects](#)  
Page: [Create a dynamic set of sub-tasks based on checkbox selection with unique summaries](#)  
Page: [Create a static set of sub-tasks with unique summaries](#)  
Page: [Create a story for each component in an epic](#)  
Page: [Create a sub-task for each user selected in a Multi-User Picker](#)  
Page: [Create a sub-task in each story of an epic](#)  
Page: [Create specific sub-tasks for each selected component](#)

## Related Usage Examples

- [Creating a Jira Service Desk internal comment](#)
  - [example](#)
  - [post-function](#)
- [Limit the number of hours a user can log per day](#)
  - [example](#)
  - [validator](#)
  - [post-function](#)
  - [work-log](#)
- [Using project properties to calculate custom sequence numbers](#)
  - [example](#)
  - [post-function](#)
  - [calculated-field](#)
  - [project-properties](#)
- [Set a date based on current date](#)
  - [example](#)
  - [post-function](#)
- [Setting the priority depending on the multiplication of custom fields](#)
  - [example](#)
  - [calculated-field](#)
  - [post-function](#)
- [Parse Email addresses to watchers list](#)
  - [example](#)
  - [post-function](#)
- [Set the assignee based on a condition](#)

- example
  - post-function
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- Create a static set of sub-tasks with unique summaries
  - example
  - post-function
- Triage Jira Service Desk email requests (Move issues)
  - example
  - post-function
  - move
  - transition-issue
- Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress" (Transition issues)
  - example
  - post-function
  - transition
- Transition sub-tasks when parent is transitioned
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Transition only a sub-task among several ones
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Moving sub-tasks to "Open" status when parent issue moves to "In Progress"
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
  - example
  - post-function
  - sub-task
  - transition
  - outdated