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

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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 an 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 adresses 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