Create a sub-task for each user selected in a Multi-User Picker

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Features used to implement the example

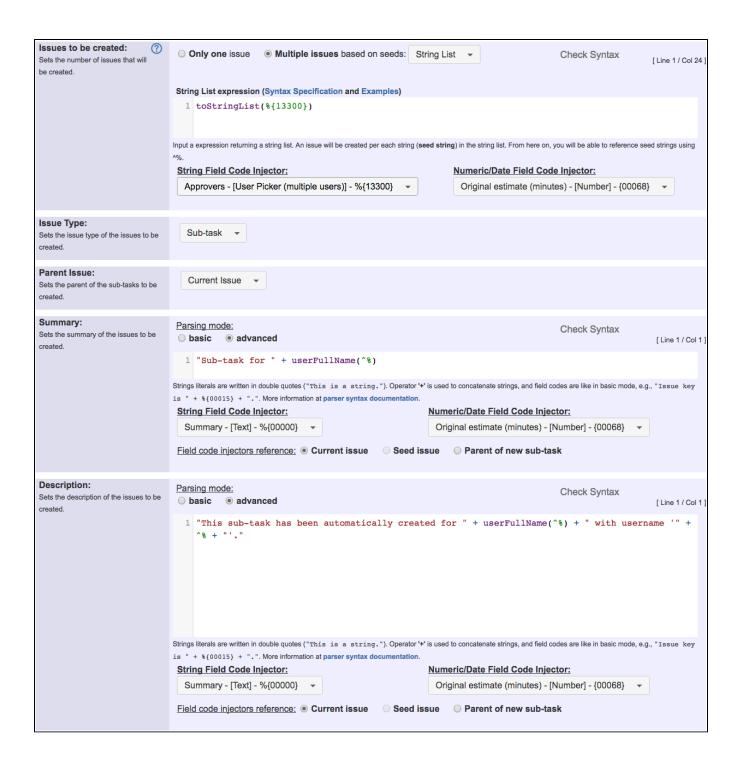
· Create issues and sub-task

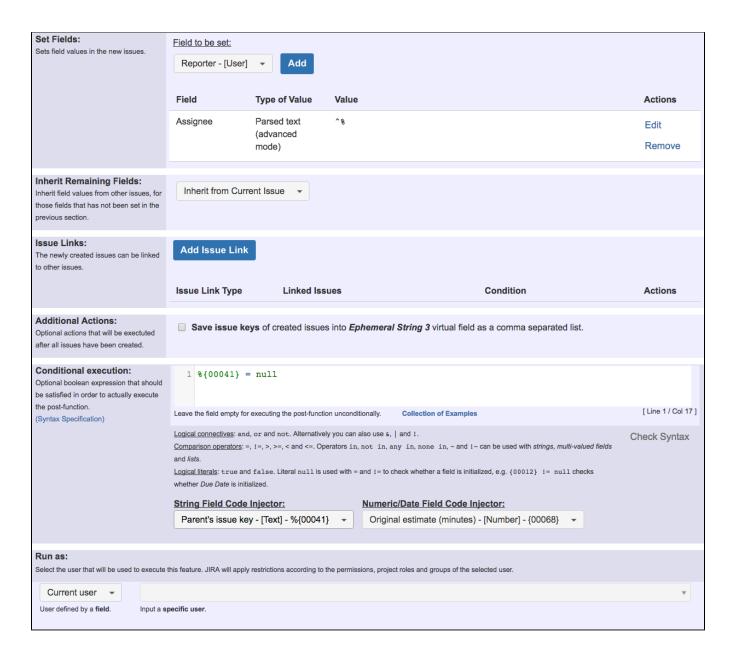
Example: Create a sub-task for each user selected in a Multi-User Picker custom field

This is an example of creation of multiple issues based on seed strings using Create issues and sub-tasks post-function.

We want to automatically create as many sub-tasks as users are selected in a **Multi-User Picker** custom field called **Approvers** and assign them to a user in that field when a certain transition is executed in parent issue.

We use Create issues and sub-tasks post-function in a transition or the workflow of parent issue with the following configuration:





Once configured, transition will look like this:

The following will be processed after the transition occurs

Add post function

1. Create an issue per seed string returned by the following string list expression:

toStringList(%{Approvers})

Issue type: Sub-task

Parent issue: Current Issue

Summary: text in advanced parsing mode

"Sub-task for " + userFullName(^%)

Description: text in advanced parsing mode

"This sub-task has been automatically created for " + userFullName(^%) + " with username "" + ^% + "'."

Set fields:

Field	Type of Value	Value
Assignee	Parsed text (advanced mode)	^%

Rest of the fields will inherit values from current issue.

Post-function will only be executed if the following boolean expression is satisfied: %{Parent's issue key} = null

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



Result screenshots post-function "Create issues and subtasks" - Create a subtask per user selected in User Picker

The workflow is shared between parent issue and sub-task, thus we are using **Conditional execution** with boolean expression %{00041} = null to avoid the post-function to be executed by sub-tasks.

Note that:

• %{00041} is field code for Parent's issue 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

- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
 - example
 - o post-function
 - custom-field
 - o sub-task
- Add and remove a single or a set of items from multi valued fields
 - example
 - o post-function
 - o custom-field
 - o issue-links
 - o sub-task
- Add all assignees of certain sub-task types to a "Multi-User Picker" custom field
 - o example
 - o post-function
 - o custom-field
 - o sub-task
- Update Cascading Select custom field with a value of the field in parent issue
 - o example
 - o post-function

	o custom-field
	o sub-task
•	Create a sub-task for each user selected in a Multi-User Picker
	o example
	o post-function
	o custom-field
	o sub-task
•	Validation on sibling sub-tasks depending on issue type and
	status
	o example
	o validator
	o sub-task
	 transition
•	Restrict sub-task type creation depending on parent issue
	status
	o example
	o validator
	o sub-task
•	Restrict sub-task type creation depending on parent issue type
	o example
	 validator
	o sub-task
•	Block a transition until all sub-tasks have certains fields
	populated
	o example
	condition
	validator
	sub-task
	 transition
•	Require at least one sub-task in status "Resolved" or "Closed"
	when "Testing required" is selected in Check-Box custom field
	o example
	o validator
	o sub-task
•	Transition sub-tasks when parent is transitioned
	o example
	o post-function
	o sub-task
	o transition
	o outdated
•	Transition only a sub-task among several ones
	examplepost-function
	o sub-task
	o transition
	outdated
	Moving sub-tasks to "Open" status when parent issue moves to
•	"In Progress"
	• example
	o post-function
	o sub-task
	o transition

transition

 outdated

 Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status

 example
 post-function
 sub-task

outdated
 Automatically close resolved sub-tasks when parent issue is

transition

ed
 example
 post-function
 sub-task
 transition
 outdated

closed