Add all assignees of certain sub-task types to a "Multi-User Picker" custom field

On this page

Features used to implement the example

- **Read fields from linked issues or sub-tasks**
- **Copy parsed text to a field**

Example: Add all assignees of certain sub-task types to a "Multi-User Picker" custom field

I'm trying to copy the assignee from only a specific type of sub-task to a multi-user field on the parent ticket. There could be any number of the specific type of sub-tasks (0-999) as well.

Can this function handle this logic?

I have an additional feature I'm trying to add that is somewhat related as well. For each of a certain type of sub-task, there is a start date field and an end date field. I want to copy the earliest of all the start dates and the latest of all the end dates to a start date field and end date field on the parent ticket.

I explain how to implement first functionality: Let's suppose we have a **Multi User Picker** custom field called "**Team**", and we want to select on that field all the **assignees** of sub-tasks of type "**QA Sub-task**".

We use post-function **Read fields from linked issues or sub-tasks** with the following configuration:

Target fields and Source values:
Select the target fields that will be set and the source values for each of them.

Target field:

Summary - [Text] **Add**

Add a field to be set in current issue.

Target Field	Type of Value	Source Value	Calculated Value	Don't Overwrite	Actions
Ephemeral string 1	Field in selected issues	Assignee			Edit Remove

Filtering by issue link type:

- [ ] is blocked by
- [ ] blocks
- [ ] is cloned by
- [ ] clones
- [ ] is duplicated by
- [ ] duplicates
- [ ] relates to
- [ ] relates to

Only issues linked to current issue by selected issue link types will be read.

Read also subtasks fulfilling condition on issue type, status and project:

- [x]

This option only makes sense when current issue itself is not a subtask.

Read also sibling subtasks fulfilling condition on issue type, status and project:

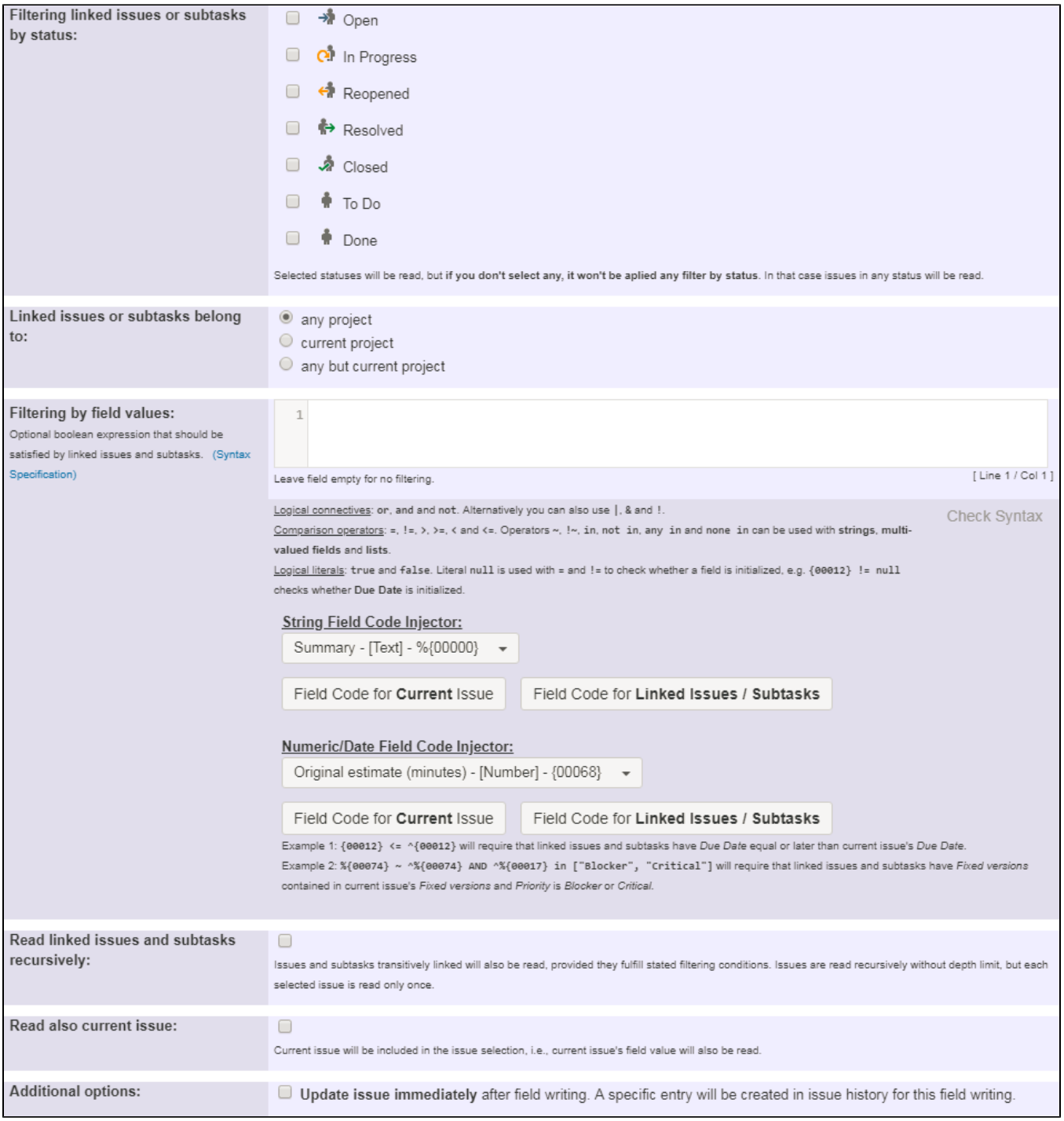
- [ ]

Sibling subtasks are understood as subtasks with the same parent as current issue. This option only makes sense when current issue is itself a subtask.

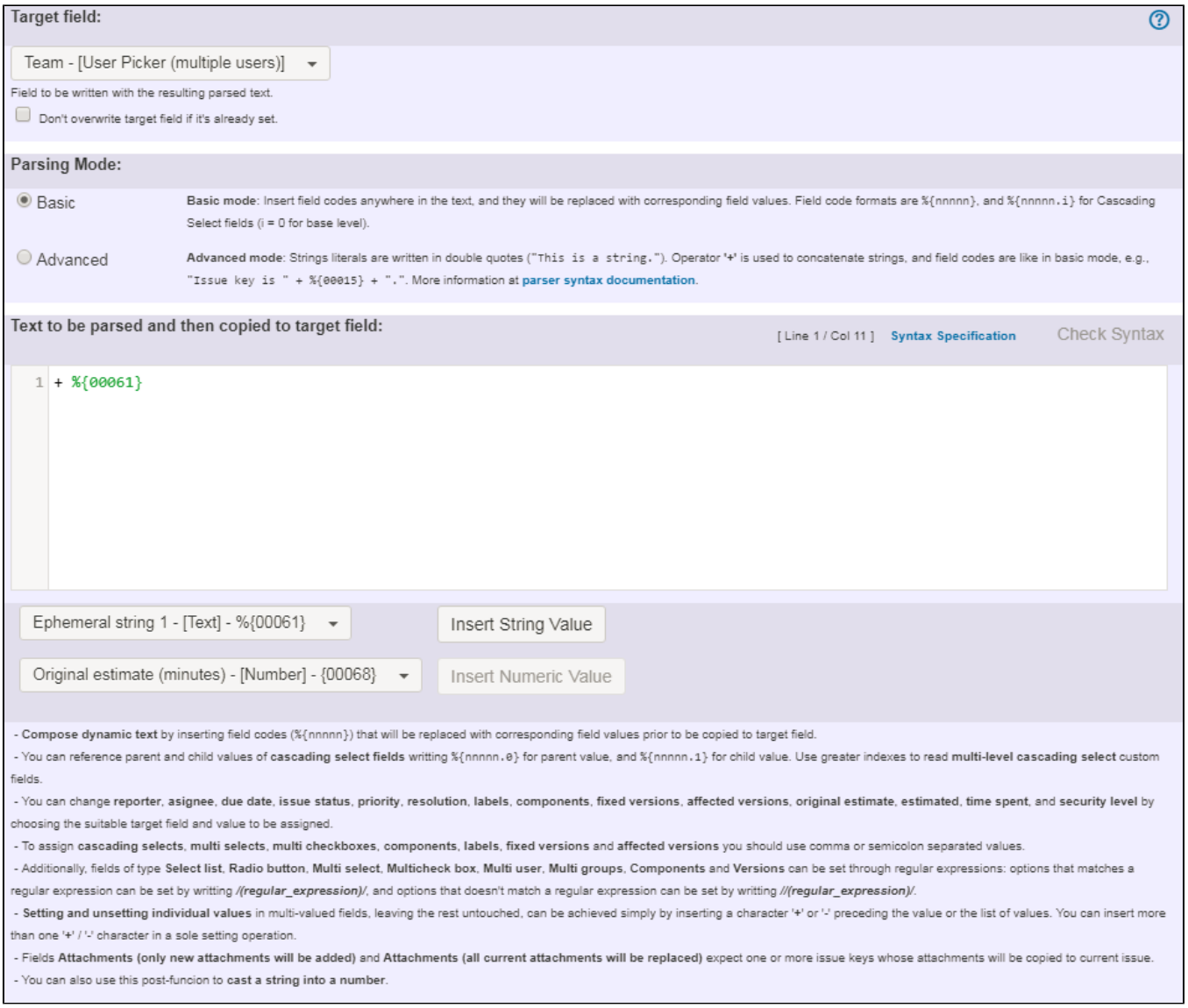
Filtering linked issues or subtasks by issue type:

- [ ] Bug
- [ ] Epic
- [ ] Improvement
- [ ] New Feature
- [ ] Story
- [ ] Task
- [x] QA-Subtask

Selected issue types will be read, but **if you don't select any, it won't be aplied any filter by issue type**. In that case all the issue types will be read.



We use post-function **Copy a parsed text to a field** with the following configuration:



Note that:

- We use prefix '**+**' in order to add all users contained in field "**Ephemeral string 1**". If we used prefix '**-**' instead, we would **remove** those users. If we didn't use any prefix, we simply would replace currently selected users in field "**Team**" by those contained in field "**Ephemeral string 1**"
- **%{00061}** is field code for virtual field "**Ephemeral string 1**"

Once configured, transition would look like this:

The following will be processed after the transition occurs Add post function

1. Fields from the following issues will be read:
   Inward issue link types: **none**
   Outward issue link types: **none**
   Subtasks fulfilling conditions on issue type, status and project **will be read**.
   Sibling subtasks won't be read.
   Issue types: **any**
   Statuses: **any**
   Linked issues or subtasks may belong to **any** project.

   Target fields and Source values:

Target Field	Type of Value	Source Value	Calculated Value	Don't Overwrite
Ephemeral string 1	Field in selected issues	Assignee		

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

2. The following text parsed in **basic** mode will be copied to **Team**:
   + %{Ephemeral string 1}
   This feature will be run as user in field **Current user**. by JWT

I explain now how to implement second functionality (third functionality is obvious once explained second one): Let's suppose we want to overwrite **Dat e Picker** custom field "**Start Date**" with the **earliest value** of that field in all sub-tasks of type "**QA Sub-task**", or doing nothing in case parent issue contains an earlier value than its sub-tasks do.

We use post-function **Read fields from linked issues or sub-tasks** with the following configuration:

Target fields and Source values:
Select the target fields that will be set and the source values for each of them.

Target field:

Summary - [Text] **Add**

Add a field to be set in current issue.

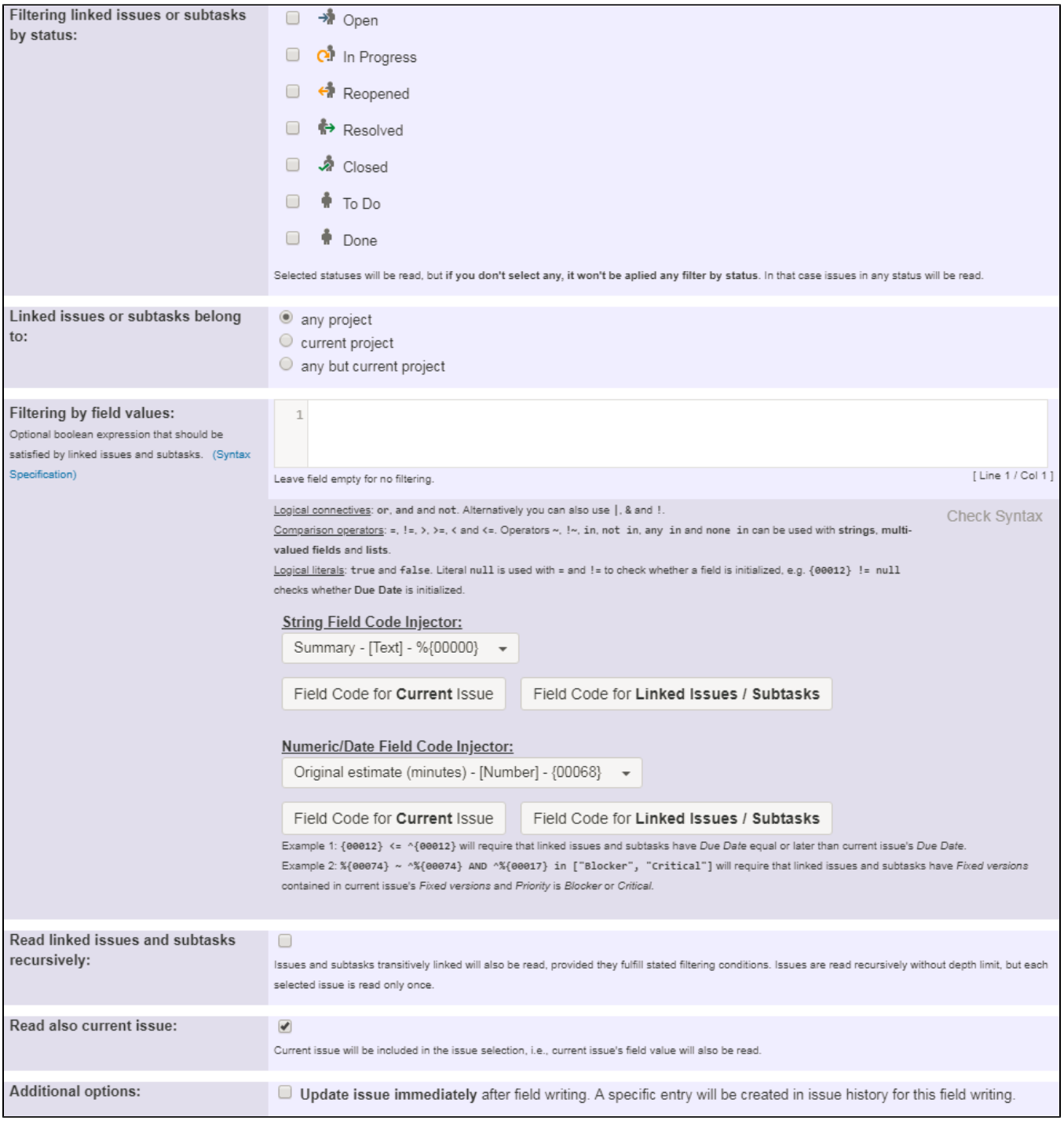
Target Field	Type of Value	Source Value	Calculated Value	Don't Overwrite	Actions
Start Date	Field in selected issues	Start Date	Lowest date		Edit Remove

Filtering by issue link type:

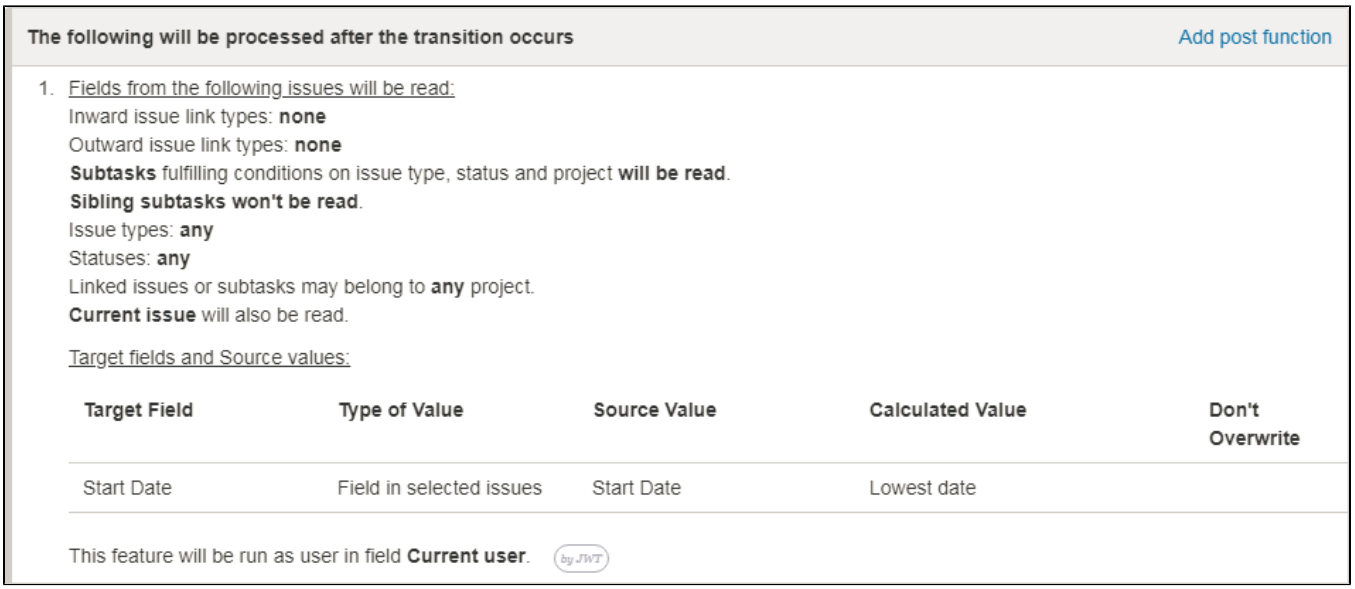
- [ ] is blocked by
- [ ] blocks
- [ ] is cloned by
- [ ] clones
- [ ] is duplicated by
- [ ] duplicates
- [ ] relates to
- [ ] relates to

Only issues linked to current issue by selected issue link types will be read.

Read also subtasks fulfilling condition on issue type, status and project:	☑ This option only makes sense when current issue itself is not a subtask.
Read also sibling subtasks fulfilling condition on issue type, status and project:	☐ Sibling subtasks are understood as subtasks with the same parent as current issue. This option only makes sense when current issue is itself a subtask.
Filtering linked issues or subtasks by issue type:	☐ Bug ☐ Epic ☐ Improvement ☐ New Feature ☐ Story ☐ Task ☑ QA-Subtask Selected issue types will be read, but **if you don't select any, it won't be aplied any filter by issue type**. In that case all the issue types will be read.



Once configured, transition will look like this:



Other examples of that functions

Read fields from linked issues or sub-tasks

Page: Add all assignees of certain sub-task types to a "Multi-User Picker" custom field
Page: Add and remove a single or a set of items from multi valued fields
Page: Copy "Due date" into a date type custom field in a linked issue if it's greater than current issue's "Due date"
Page: Copy attachments from one issue to another
Page: Make an issue inherit highest priority among those of linked issues
Page: Propagate highest priority from blocked issues to blocking issues
Page: Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue

---

Copy parsed text to a field

Page: Add all assignees of certain sub-task types to a "Multi-User Picker" custom field
Page: Add and remove a single or a set of items from multi valued fields
Page: Add current user to comment
Page: Add or remove request participants
Page: Add watchers from a part of the issue summary: "Summary_text - watcher1, watcher2, watcher3, ..."
Page: Assign issue based on the value of a Cascading Select custom field
Page: Assign issue to last user who executed a certain transition in the workflow
Page: Automatically close resolved sub-tasks when parent issue is closed
Page: Automatically reopen parent issue when one of its sub-tasks is reopened
Page: Calculate the time elapsed between 2 transition executions
Page: Close parent issue when all sub-tasks are closed
Page: Combine the values of several Multi-User picker fields
Page: Compose a parsed text including the "full name" or a user selected in a User Picker custom field
Page: Compose dynamic text by inserting field values in a text template
Page: Copy issue labels to a custom field
Page: Copy the value of a user property into a user picker
Page: Create a comment in sub-tasks when parent transitions
Page: Execute transition in epic
Page: Getting the number of selected values in a custom field of type Multi Select
Page: Limit the number of hours a user can log per day
Page: Make a sub-task's status match parent issue's current status on creation
Page: Make parent issue progress through its workflow

Related Usage Examples

- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- Add and remove a single or a set of items from multi valued fields
  - example
  - post-function
  - custom-field
  - issue-links
  - sub-task
- Add all assignees of certain sub-task types to a "Multi-User Picker" custom field
  - example
  - post-function
  - custom-field
  - sub-task
- Update Cascading Select custom field with a value of the field in parent issue
  - example
  - post-function
  - custom-field
  - sub-task
- Create a sub-task for each user selected in a Multi-User Picker
  - example
  - post-function
  - custom-field
  - sub-task
- Validation on sibling sub-tasks depending on issue type and status
  - example
  - validator
  - sub-task
  - transition
- Restrict sub-task type creation depending on parent issue status
  - example
  - validator
  - sub-task
- Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field
  - example
  - validator
  - sub-task
- Restrict sub-task type creation depending on parent issue type

Page: Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress"
Page: Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
Page: Parse Email adresses to watchers list
Page: Parsing text from last comment and appending it to issue's summary
Page: Remove versions selected in a version picker custom field
Page: Replace certain issue link types with different ones
Page: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
Page: Set a Select or Multi-Select field using regular expression to express the values to be assigned
Page: Set assignee depending on issue type
Page: Set field depending on time passed since issue creation
Page: Set priority for issues that have been in a certain status for longer than 24 hours
Page: Set security level based on groups and project roles the reporter or creator are in
Page: Transition linked issues in currently active sprint
Page: Transition only a sub-task among several ones
Page: Transition parent issue only when certain issue sub-task types are done
Page: Update Cascading Select custom field with a value of the field in parent issue
Page: Update checkboxes custom field if a file has been attached during a transition
Page: Validation on issue attachments
Page: Validation on MIME types of issue attachments
Page: Writing a comment to blocked issues when blocking issues are resolved

        - example
        - validator
        - sub-task
- Block a transition until all sub-tasks have certains fields populated
    - example
    - condition
    - validator
    - sub-task
    - 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
- Automatically close resolved sub-tasks when parent issue is closed
    - example
    - post-function
    - sub-task
    - transition
    - outdated