Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue

On this page

Features used to implement the example

- **Read fields from linked issues or sub-tasks**
- **Write field on linked issues or sub-tasks**

Example: Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue

Issue type A is linked to **issue type B**. Issue A has sub-tasks and people log work at the sub-task level. When **issue A** is closed I need all work logged in its sub-tasks to be copied to **issue B**. Actually it has to be added since issue B may have work logged from other issues (Issue B is a summary of what is being logged at a lower level). I have been trying using virtual field Total time spent (minutes) in Close post function with copy parsed value and write to linked issues, but it doesn't work...maybe there is a conversion that I am missing.

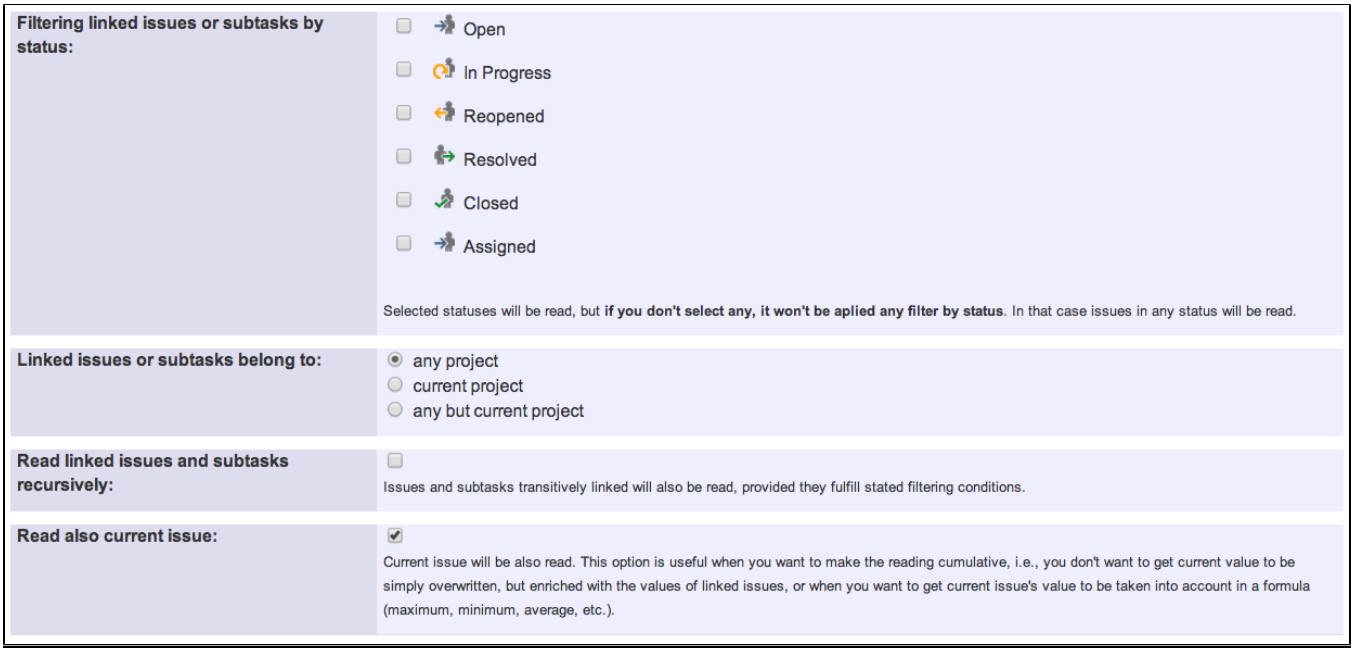
It is possible to implement your requirements using post-functions **Read fields from linked issues or sub-tasks** and **Write field on linked issues or sub-tasks**, and virtual field "**Total time spent (minutes)**".

Let's suppose that issue A is linked to issue B using issue link type "**blocks**", i.e., we would read "**Issue A blocks issue B**". We are going to implement in workflow of issue A a behavior associated to transition "**Close Issue**", that will add to issue B all time spent (work logs) in sub-tasks of issue A, and also the time spent of issue A (work directly logged into issue A).

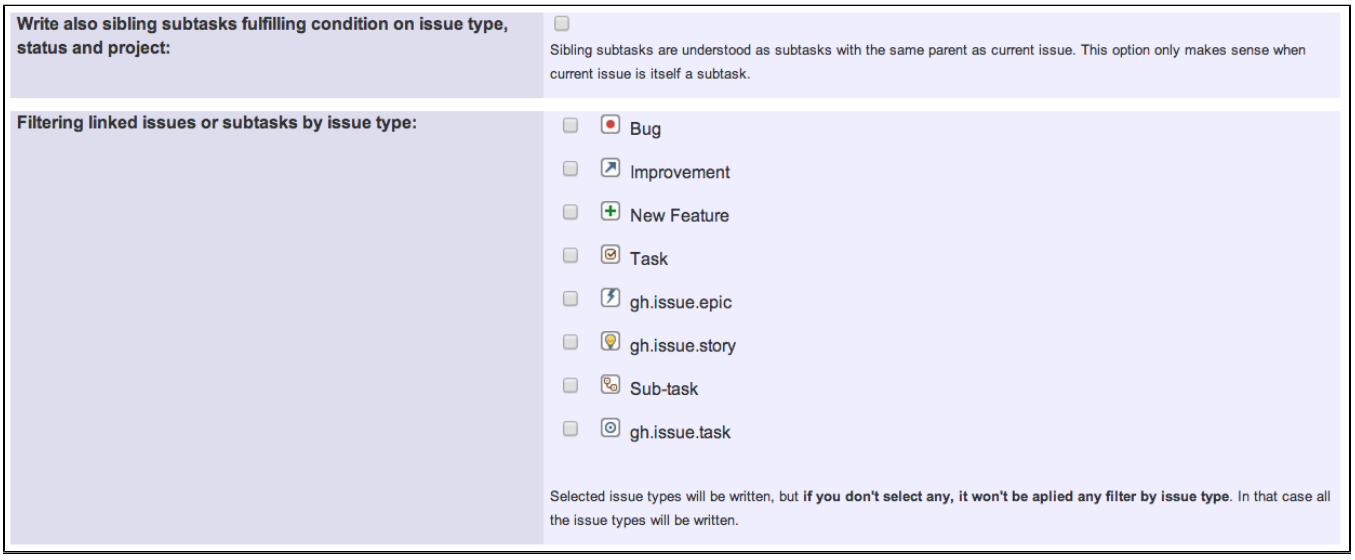
Use post-function **Read fields from linked issues or sub-tasks** with the following configuration:

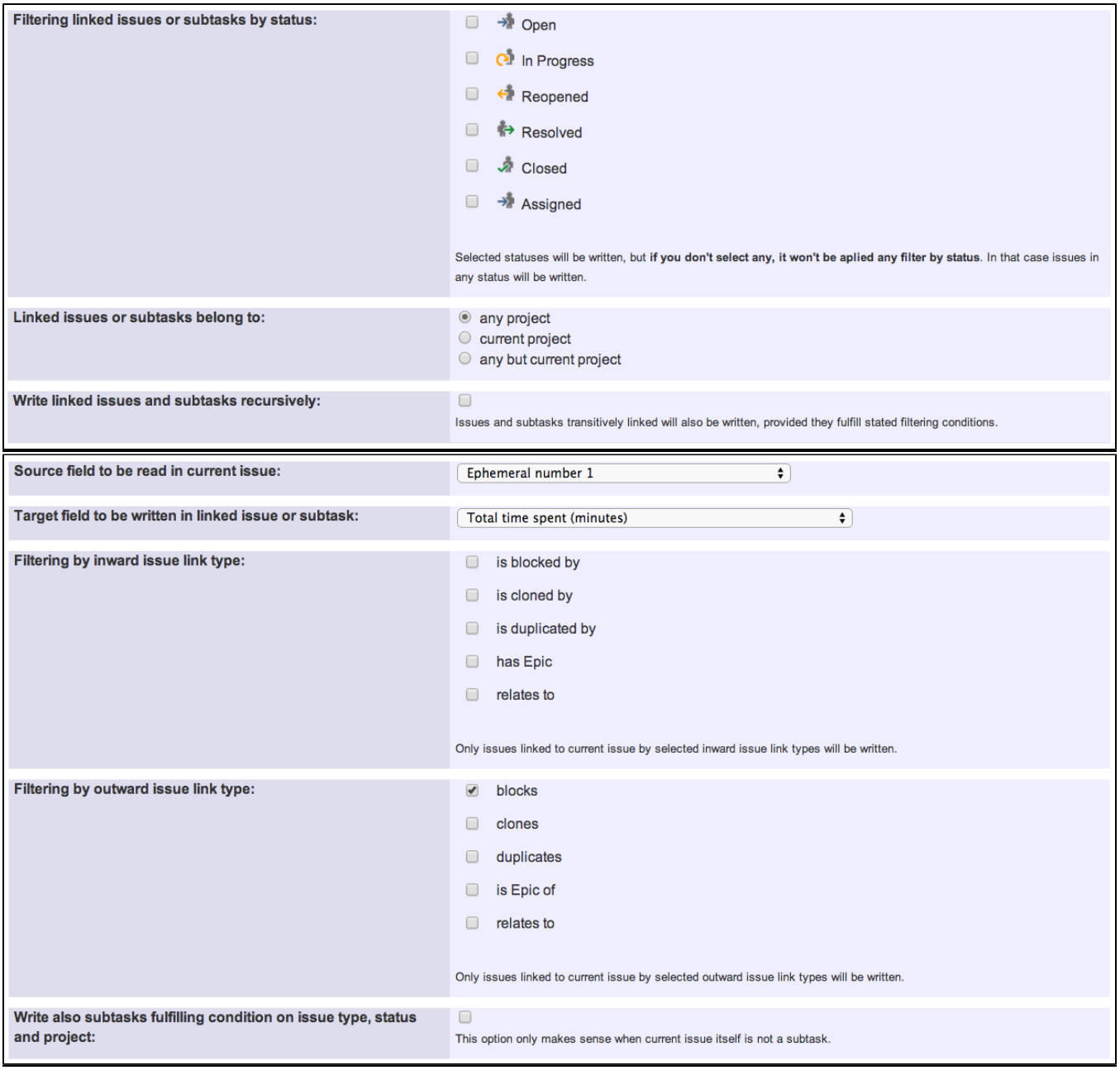
Source field to be read from linked issues or subtasks:	Total time spent (minutes)
Target field to be written in current issue:	Ephemeral number 1
Value to write in target field in case source field is of type Number, Priority, Date, Date and Time:	sum of values
Filtering by inward issue link type:	☐ is blocked by ☐ is cloned by ☐ is duplicated by ☐ has Epic ☐ relates to Only issues linked to current issue by selected inward issue link types will be read.
Filtering by outward issue link type:	☑ blocks ☐ clones ☐ duplicates ☐ is Epic of ☐ relates to Only issues linked to current issue by selected outward 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 ☐ Improvement ☐ New Feature ☐ Task ☐ gh.issue.epic ☐ gh.issue.story ☐ Sub-task ☐ gh.issue.task 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.

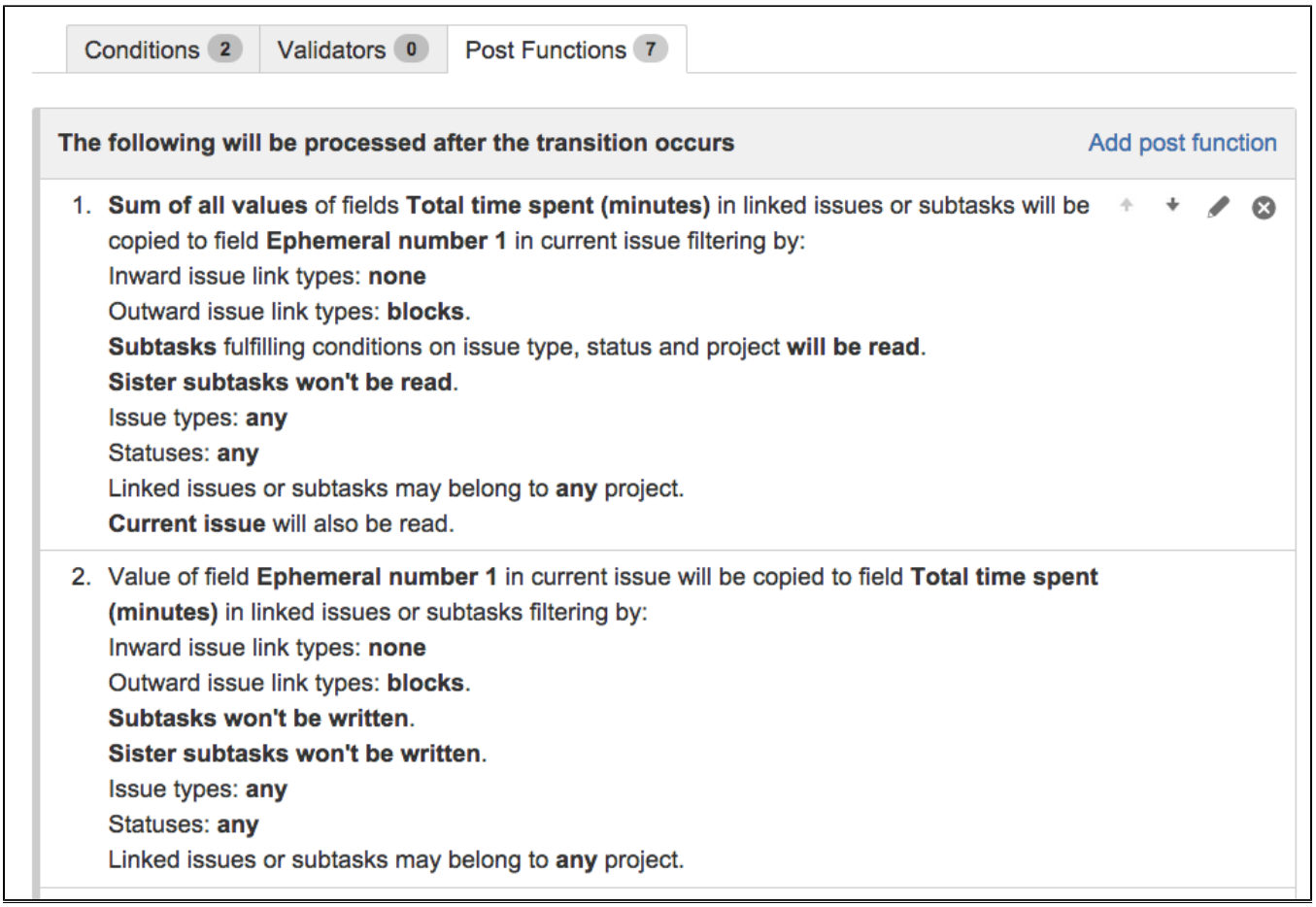


Use post-function **Write field on linked issues or sub-tasks** with the following configuration:





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

Write field on linked issues or sub-tasks

Page: Add and remove a single or a set of items from multi valued fields
Page: Automatically become watcher of every issue blocking an issue assigned to you
Page: Automatically close resolved sub-tasks when parent issue is closed
Page: Automatically resolve an epic when all its stories are resolved
Page: Compose dynamic text by inserting field values in a text template
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: Create a comment in sub-tasks when parent transitions
Page: Creating a Jira Service Desk internal comment
Page: Creating a Jira Service Desk internal comment on linked issues
Page: Execute transition in epic
Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows

Related Usage Examples

- Add and remove a single or a set of items from multi valued fields
  - example
  - post-function
  - custom-field
  - issue-links
  - sub-task
- Prevent transitioning when there is a blocking issue
  - example
  - validator
  - issue-links
  - sub-task
  - transition
- Make linked issues, sub-tasks and JQL selected issues progress through its workflows
  - example
  - condition
  - validator
  - post-function
  - issue-links
  - sub-task
  - transition
- Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue
  - example
  - post-function
  - issue-links
  - sub-task
  - work-log
- Sum "Time Spent" in all sub-tasks of issues linked with issue link types "LinkA", "LinkB", "LinkC"
  - example

Page: Moving sub-tasks to "Open" status when parent issue moves to "In Progress"
Page: Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue
Page: Transition sub-tasks when parent is transitioned

    - post-function
    - issue-links
    - sub-task
    - work-log
- Copy "Due date" into a date type custom field in a linked issue if it's greater than current issue's "Due date"
    - example
    - post-function
    - custom-field
    - issue-links
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
    - example
    - post-function
    - custom-field
    - sub-task
- Add all assignees of certain sub-task types to a "Multi-User Picker" custom field
    - 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
- Update Cascading Select custom field with a value of the field in parent issue
    - example
    - post-function
    - custom-field
    - sub-task
- Validate only issue links created in transition screen
    - example
    - validator
    - issue-links
- Require issue link when resolving as duplicate
    - example
    - validator
    - issue-links
- Ensure that all issues linked with a certain issue link type have "Due Date" field set
    - example
    - validator
    - issue-links
- Block an epic's transition depending on linked issues status and due date
    - example
    - validator
    - issue-links
    - transition
- Writing a comment to blocked issues when blocking issues are resolved
    - example
    - post-function
    - issue-links