Read fields from linked issues or sub-tasks

This function has been **renamed** with the **JWT 3.0** release.

Find the new documentation at:

Copy field values from linked issues or subtasks

On this page

Purpose

This post-function allows reading a field values from linked issues and sub-tasks, and write the value into a field in current issue.

Example: Set "Due Date" with latest value among "Sub-tasks" and "Blocking Issues"

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
Due date	Field in selected issues	Due date	Highest date		Edit Remove

Filtering by issue link type:

- [x] is blocked by
- [ ] blocks
- [ ] is cloned by
- [ ] clones
- [ ] is duplicated by
- [ ] duplicates
- [ ] is caused by
- [ ] causes
- [ ] 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.

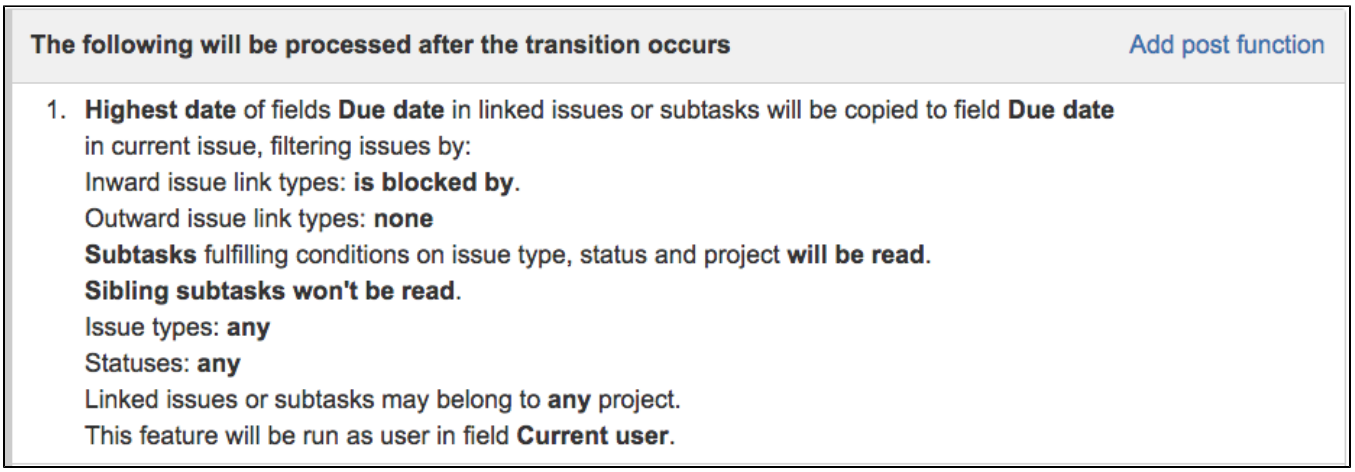
Read also sibling subtasks fulfilling condition on issue type, status and project:

- [ ]

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:	☐ Epic ☐ Story ☐ Test Plan ☐ Bug ☐ New Feature ☐ Task ☐ Improvement ☐ QA Sub-task ☐ Sub-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.
Filtering linked issues or subtasks by status:	☐ Open ☐ In Progress ☐ Reopened ☐ Resolved ☐ Closed ☐ To Do ☐ Done ☐ Acceptance ☐ Fail ☐ Pass ☐ Retest ☐ Active ☐ Inactive ☐ Cancelled Selected statuses will be read, but **if you don't select any, it won't be aplied any filter by status**. In that case issues in any status will be read.
Linked issues or subtasks belong to:	◉ any project ○ current project ○ any but current project

Once configured, post-function will look like this:



Configuration Parameters

Source Value

The value that will be read from linked issues abs subtasks, and stored into a current issue's field. There are 3 types of source values available:

- **Field** in JQL selected issues: the value of a field in JQL selected issues.
- **Parsed text** (**advanced** mode): a string expression where we can use values of fields in current issue (syntax **%{nnnnn}**), and in linked issues and sub-tasks (syntax **^%{nnnnn}**). Here we can use all the functions available in the **Expression Parser**.
- **Math** or **Date-Time** expression: an expression returning a numeric value where we can use values of fields in current issue (syntax **{nnnnn}**), and in linked issues and sub-tasks (syntax **^{nnnnn}**). Here we can use all the functions available in the **Expression Parser**.

Issues that can be Read

- **Linked Issues**: issues linked to current issue.
- **Sub-task**: current issue's subtasks.
- **Sibling Sub-tasks**: when current issue is a sub-task, its parent's other sub-tasks.

Special Operations depending on Source Field Type

- **Date** and **Date-Time** fields:
  - **Lowest Date**: earliest date among those read.
  - **Highest Date**: latest date among those read.
- **Number** fields:
  - **Sum of Values**: sum of all the values read.
  - **Lowest Value**: minimum value among those read.
  - **Highest Value**: maximum value among those read.
  - **Average Value**: arithmetic mean of values read.
- **Priority** field:
  - **Highest Priority**
  - **Lowest Priority**

Filtering Conditions

Issues to be read can be filtered by:

- **Issue link type**: only for linked issues.
- **Issue types**: if no issue type is selected, then no filter by issue type is applied.
- **Statuses**: if no status is selected, then no filter by status is applied.
- **Project**: three possible options are available ("**any project**", "**current project**" and "**any but current project**").
- **Field values**: when a **boolean expression** is entered, only those issues fulfilling the expression are selected. In this expression we use ^ pre fix for field values in foreign issues (linked issues, sub-tasks and sibling sub-tasks): **^{nnnnn}** and **^%{nnnnn}**, while field codes without prefix correspond to current issue's field values.
  Example 1: `boolean condition {00012} <= ^{00012}` will require that issues have "**Due Date**" equal or later than current issue's "**Du**

e Date".
Example 2: `boolean condition %{00074} ~ ^%{00074} AND ^%{00017} in ["Blocker", "Critical"]` will require that issues have "**Fix version/s**" contained in current issue's "**Fix version/s**" and that "**Priority**" has values "**Blocker**" or "**Critical**".

Additional Options

- **Don't overwrite target field if it's already set**: when checked, this parameter will make the post-function do nothing in case target field is not empty in current issue.
- **Read linked issues and sub-tasks recursively**: transitively linked issues and its sub-tasks are also selected provided they fulfill filtering conditions. This recursive operation is performed with no depth limit, but each selected issue is read only once.
- **Read also current issue**: current issue is included in issue selection, i.e., current issue's source field is also read.
- **Run as**: Jira user post-function is going to be executed as. This parameter can be set to a **fixed user** (e.g. "john.nash"), or to a **user field** (e. g. "Reporter", "Assignee", etc). This parameter is important when we have permission or security restrictions that might prevent fields from being read or written.

Usage Example

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

Related Features

- **Write field on linked issues or sub-tasks**
- **Update issue fields**
- **Read field from issues returned by JQL query or issue list**