

# Copy field values from linked issues or subtasks

This post function allows you to copy a **field value** from **multiple issues** to the **current issue**. Since potentially multiple values will be returned, the values can be **aggregated** or **calculated**.

By default, the field values from linked issues will be read. If **sub-tasks** should also be taken into account, the corresponding additional option has to be checked.



## Configuration

### Target fields

Select the **target fields** that will be set and the **source values** for each of them. The following options are available:

Option	Description
Copy field from selected issues	<p>The value(s) found in the issues specified through the <b>filters</b> will be <b>copied</b> to the target field as a <b>comma separated list</b>.</p> <p>Since you are copying the values of potentially multiple linked issues or sub-tasks JWT can <b>aggregate values</b>, and offers <b>additional options</b> depending on the type of source field.</p> <div><p><b>Calculated values</b></p><p>For <b>date</b> and <b>date-time</b> fields you can additionally choose to only return the:</p><ul style="list-style-type: none"><li>• <b>Earliest</b> date value among those being returned.</li><li>• <b>Latest</b> date value among those being returned.</li></ul><p>For <b>numeric fields</b> you can automatically return the following aggregated values:</p><ul style="list-style-type: none"><li>• <b>Sum of values</b>: sum of all the values being returned.</li><li>• <b>Lowest value</b>: minimum value among those being returned.</li><li>• <b>Highest value</b>: maximum value among those being returned.</li><li>• <b>Average value</b>: arithmetic mean of values being returned.</li></ul><p>When updating the <b>Priority</b> field you can additionally choose to only return the:</p><ul style="list-style-type: none"><li>• <b>Highest</b> priority value among those being returned.</li><li>• <b>Lowest</b> priority value among those being returned.</li></ul></div>
Set field value manually (parser expression)	<p>Set the value of the target field using an expression and optionally use field codes. The <a href="#">Parsing modes</a> differ depending on the data type of the target field.</p> <p>You can either choose from the <a href="#">Advanced text mode</a> or the <a href="#">Numeric mode</a>.</p>
Clear field value	<p>Choose this option to <b>clear</b> the value of the <b>target field</b>. This option is not available for the <b>Summary</b> field.</p>

Check the **write protection** option if you want to prevent a field to be updated, if it already has a value. If checked, only empty fields will be set.

## Filter

If you choose to further filter the issues the values will be copied from, all filter criteria will be **"and concatenated"**.

Values will only be copied from issues meeting **all** criteria will be considered.

## Filter by project

Optionally specify specific **projects**, the linked issues or sub-tasks) must or must not belong to. The following options are available:

Option	Description
Any project	By default, the linked issues or sub-tasks can be in <b>any</b> project.
Current project	Choose this option to make sure that all linked issues or sub-tasks are in the <b>same project</b> as the <b>current issue</b> .
Any but current project	Choose this option to make sure that all linked issues or sub-tasks are <b>not</b> in the <b>same project</b> as the <b>current issue</b> .

## Filter by issue link type

If you select specific **link types**, **all linked issues** must be linked using the selected **types**. If issues linked with other link types are found, the condition will **fail**.

This filter is **mandatory**. If you only want to copy values from sub-tasks, leave this filter **blank** and check the additional option "**Include sub-tasks matching the specified filter criteria**".

## Filter by issue type

You can **optionally** filter the issues to copy the values from by **issue types**. If you select values **all linked issues** or **sub-tasks** must be of any of the selected **issue types**

## Filter by status

You can **optionally** filter the issues to copy the values from by **status**. If you select values **all linked issues** or **sub-tasks** must be in any of the selected **statuses**

## Filter by field value

**Optionally** limit the issues you want to copy values from by their **field values**. To achieve this you must enter an expression in [Logical mode](#). The expression must return **true** or **false**.

### Examples:

Expression	Description
<pre>%{seed.issue.assignee} != null</pre>	<p><b>All issues</b> must be <b>assigned</b> to a user. If <b>unassigned</b> sub-tasks are found, the condition will <b>fail</b>.</p> <p>Values in linked issues or sub-tasks have to be referenced by their seed field codes.</p>
<pre>%{issue.dueDate} &lt;= %{seed.issue.dueDate}</pre>	<p><b>All issues</b> must have a <b>due date</b> of <b>equal</b> to or <b>later</b> than the current issue's due date.</p> <p>Values in linked issues or sub-tasks have to be referenced by their seed field codes.</p>

## Additional options

Option	Description
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Include sub-tasks matching the specified filter criteria	<p>Choose this option, if you want to <b>also</b> or <b>only</b> copy the values from sub-tasks. This option only makes sense when the current issue itself is not a sub-task.</p> <p>This option or the next option must be checked, if you leave the <b>link type</b> filter <b>blank</b>.</p>
Include sibling sub-tasks matching the specified filter criteria	<p>Choose this option, if you <b>additionally</b> want to copy the values from siblings of the sub-tasks that match the filter criteria.</p> <p>This option or the previous option must be checked, if you leave the <b>link type</b> filter <b>blank</b>.</p>
Include recursively linked issues or sub-tasks matching the specified filter criteria	<p>Recursively linked issues or sub-tasks (e.g. which are linked to a directly linked issue) will also be included <b>independent</b> of the <b>linking depth</b>.</p>
Include current issue	<p>The value of the current issue will be included in the output.</p>
Update issue immediately	<p>Choose to <b>update issues immediately</b> if you want Jira to fire a separate "Issue updated" event for any field change. This will also result in a dedicated <b>issue history</b> entry.</p>

## Conditional execution

You can **optionally** specify a [logical expression](#) to define the circumstances (or conditions) under which the post function should be executed.

The result of the logical expression must return a boolean value of either:

- **true** the post function will be executed
- **false** the post function will **not** be executed

Using the **conditional operator**, even complex or multi-layered conditions can be constructed.

Make sure to learn more about defining logical expressions and browse through the various **examples** here: [Logical mode](#)

## Run as

Select which **user** will be used to execute this post function. By default this parameter is set to the **current user**. You can also use field codes to run the function as a dynamic user (e.g. current assignee).

Make sure that the user running the post function has all the **relevant permissions** to perform the actions defined in the configuration (e.g. "Update Issues")!

If you want to keep track the actions being performed automatically, we suggest to create a **dedicated JWT account**, granted all relevant **permissions**, and use it in the Run as parameter to identify which changes have been made with JWT.



## Use cases and examples

Use case

JWT feature

Workflow function

Parser functions

Label

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Copy latest due date from sub-tasks



Copy field values from linked issues or subtasks

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Copy highest priority from linked issues



Copy field values from linked issues or subtasks

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If you still have questions, feel free to refer to our [support](#) team.