

Make an issue inherit highest priority among those of linked issues

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Features used to implement the example

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Example: Make an issue inherit highest priority among those of linked issues

I will show how to make an issue inherit the highest priority among those of linked issues, when issue links are of type **"blocks"**. We also want to inherit priority only from issues in a status different from **"Resolved"** Or **"Closed"**. I have also checked the option for **recursive reading** in order to get the highest priority not only among directly linked issues, but also among those transitively linked, i.e., linked to linked issues.

To implement this functionality I'm going to use post-function [Read fields from linked issues or sub-tasks](#) in transition **"Create Issue"**. Let's see how to do it in screenshots:

Source field to be read from linked issues or subtasks:	Priority
Target field to be written in current issue:	Priority
Value to write in target field in case source field is of type Number, Date or Date and Time:	highest priority
Filtering by inward issue link type:	<input type="checkbox"/> is blocked by <input type="checkbox"/> is cloned by <input type="checkbox"/> is duplicated by <input type="checkbox"/> relates to Only issues linked to current issue by selected inward issue link types will be read.
Filtering by outward issue link type:	<input checked="" type="checkbox"/> blocks <input type="checkbox"/> clones <input type="checkbox"/> duplicates <input type="checkbox"/> 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:	<input type="checkbox"/>

Filtering linked issues or subtasks by issue type:

☐ Bug
☐ Epic
☐ Improvement
☐ New Feature
☐ Story
☐ Task
☐ Sub-task
☐ Technical task

Selected issue types will be read, but if you don't select any, it won't be applied 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

Selected statuses will be read, but if you don't select any, it won't be applied 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

Read linked issues and subtasks recursively:

☒

Issues and subtasks transitively linked will also be read, provided they fulfill stated filtering conditions.

Update Cancel

This is how "Create Issue" transition looks like once it has been configured:

All Validators (1)
Post Functions (3)

Add a new post function to the unconditional result of the transition.

Creates the issue originally.

THEN

Highest priority of fields **Priority** in linked issues or subtasks will be copied to field **Priority** in current issue filtering by:
Inward issue link types: **none**
Outward issue link types: **blocks**.
Subtasks won't be read.
Issue types: **any**
Statuses: **In Progress**, **Reopened** and **Open**.
Linked issues or subtasks may belong to **any** project.
Linked issues or subtasks will be **read recursively**.
Edit | Move Up | Move Down | Delete

THEN

Fire a **Incidencia creada** event that can be processed by the listeners.
Edit

Other examples of that function

Related Usage Examples

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

- 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
- Add and remove a single or a set of items from multi valued fields
 - example
 - post-function
 - custom-field
 - issue-links
 - sub-task
- Writing a comment to blocked issues when blocking issues are resolved
 - example
 - post-function
 - issue-links
- Prevent issue from moving forward if it's dependent on non-accepted tickets
 - example
 - validator
 - issue-links
 - transition
- Enforce linked issues in a specific project to be "Closed" before closing issue
 - example
 - validator
 - issue-links
 - transition
- Block or hide a transition for an issue depending on its issue links
 - example
 - validator
 - issue-links
 - transition
- Prevent transitioning when there is a blocking issue
 - example
 - validator
 - issue-links
 - sub-task
 - transition
- Prevent issue from being "Closed" if blocking issues aren't yet closed
 - example
 - validator
 - issue-links
 - transition
- Block creation of issue type X if it has not been linked with link type Y to issue type Z on the "Create Issue" screen
 - example
 - validator
 - issue-links
- Prevent issue from being closed if it has links of type "is blocked by" to open issues
 - example
 - condition
 - validator
 - issue-links
 - transition
- Transition linked issues in currently active sprint
 - example
 - post-function
 - issue-links
 - transition

- Automatically become watcher of every issue blocking an issue assigned to you
 - example
 - post-function
 - issue-links