

# Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition

## On this page

- [Features used to implement the example](#)
- [Example: Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

## Features used to implement the example

- [Validation on sub-tasks](#)


## Example: Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition

If I have a **testing sub-task** and a **validation sub-task**, when my ticket transitions from state 1 to state 2, I want to ensure that **all testing sub-tasks** have been **closed**. The validation sub-task can remain **open**.


You have to use validator [Validation on sub-tasks](#) with the configuration shown in the following screenshots:

Allowed subtask types:


☐

 Engineering Subtask


☐

 QA Subtask


☐

 Sub-task


☒

 Testing subtask

☐

 Validation subtask

☐

 gh.issue.task

Selected issue types will be allowed. Nevertheless, if you didn't select any issue type, and checked "Allow unselected issue types", there won't be applied any filter by issue type, i.e., every issue type will be allowed.

Allowed statuses:

☐

 Open

☐

 In Progress

☐

 Reopened

☒

 Resolved

☒

 Closed

☐

 Assigned

☐

 Done

☐

 Status 1

☐

 Status 2

☐

 Status 3

☐

 Status 4



Subtasks in selected statuses will be allowed. Nevertheless, if you didn't select any issue status, and checked "Allow unselected statuses", there won't be applied any filter by status, i.e., every issue status will be allowed.

<b>Allowed resolutions:</b>	<input type="checkbox"/> <b>UNRESOLVED</b> , i.e. no resolution value <input type="checkbox"/> Fixed <input type="checkbox"/> Won't Fix <input type="checkbox"/> Duplicate <input type="checkbox"/> Incomplete <input type="checkbox"/> Cannot Reproduce <input type="checkbox"/> Completed <input type="checkbox"/> Verified <p>Subtasks with selected resolutions will be allowed. Nevertheless, if you didn't select any issue resolution, and checked "Allow unselected resolutions", there won't be applied any filter by resolution, i.e., every resolution will be allowed.</p>
<b>Minimum required number of subtasks:</b>	<input type="text" value="0"/> Minimum number of subtasks required fulfilling selected filtering conditions (issue type, status and resolution).
<b>Maximum allowed number of subtasks:</b>	<input type="text" value="1000"/> Maximum number of subtasks allowed fulfilling selected filtering conditions (issue type, status and resolution).
<b>Allow unselected issue types:</b>	<input checked="" type="checkbox"/> Subtasks in unselected issue types will be ignored, i.e., they will be allowed regardless of their status, resolution, or number. Nevertheless, if none of the issue types are selected, checking this option will make the validator behave as if you had selected every issue type.
<b>Allow unselected statuses:</b>	<input type="checkbox"/> Subtasks in unselected statuses will be ignored, i.e., they will be allowed regardless of their resolution, or number. Nevertheless, if none of the statuses are selected, checking this option will make the validator behave as if you had selected every status.
<b>Allow unselected resolutions:</b>	<input checked="" type="checkbox"/> Subtasks in unselected resolutions will be ignored, i.e., they will be allowed regardless of their number. Nevertheless, if none of the resolutions are selected, checking this option will make the validator behave as if you had selected every resolution.
<b>Message to show when validation fails:</b>	<input type="text" value="Please, ensure that all 'Checking subtasks' are Closed or Resolved before executing this transition."/>

Once configure, transition will look like this:

Conditions <b>0</b>	Validators <b>1</b>	Post Functions <b>8</b>
---------------------	---------------------	-------------------------

**The transition requires the following criteria to be valid** [Add validator](#)

Validation on subtasks:  

Allowed subtasks types: **Testing subtask.**

Allowed subtask statuses: **Resolved and Closed.**

Allowed resolutions: **any**

Minimum number of subtasks required: **0**

Maximum number of subtasks allowed: **1000**

Unselected issue types are **allowed.**

Unselected statuses are **not allowed.**

Unselected resolutions are **allowed.**

Message to show when validation fails: **Please, ensure that all "Checking subtasks" are Closed or Resolved before executing this transition.**

## Other examples of that function

Page: [Close parent issue when all sub-tasks are closed](#)

Page: [Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition](#)

Page: [Make linked issues, sub-tasks and JQL selected issues progress through its workflows](#)

Page: [Make parent issue progress through its workflow](#)

Page: [Proceed with a task only when all sub-tasks are completed](#)

Page: [Transition parent issue only when certain issue sub-task types are done](#)

## Related Usage Examples

- [Validation on sibling sub-tasks depending on issue type and status](#)
  - [example](#)
  - [validator](#)
  - [sub-task](#)
  - [transition](#)
- [Block a transition until all sub-tasks have certain 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](#)
- [Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress"](#)
  - [example](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
  - [outdated](#)
- [Automatically close resolved sub-tasks when parent issue is closed](#)
  - [example](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
  - [outdated](#)
- [Change parent's status depending on sub-task's summary](#)
  - [example](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
  - [outdated](#)
- [Close parent issue when all sub-tasks are closed](#)
  - [example](#)
  - [condition](#)
  - [validator](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
- [Proceed with a task only when all sub-tasks are completed](#)
  - [example](#)
  - [condition](#)
  - [validator](#)
  - [sub-task](#)
  - [transition](#)
- [Transition parent issue only when certain issue sub-task types are done](#)
  - [example](#)
  - [validator](#)
  - [sub-task](#)

- transition
- Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition
  - example
  - validator
  - sub-task
  - transition
- Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
  - example
  - validator
  - post-function
  - sub-task
  - transition
- Prevent transitioning when there is a blocking issue
  - example
  - validator
  - issue-links
  - sub-task
  - transition