# Block transition until all sub-tasks are in a specific status category

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#### Features used to implement the example

. Boolean condition and validator with math. date-time or text-string terms

## Example: Block transition until all sub-tasks are in a specific status category

In this example, moving the current issue to status "Done" should only be possible when all sub-tasks are in status category "Done" - otherwise the transition button should be hidden.

For this, a **Boolean condition and validator with math. date-time or text-string terms** is needed on the transition to **"Done"** on the current issue (the parent).

The configuration will look like this:

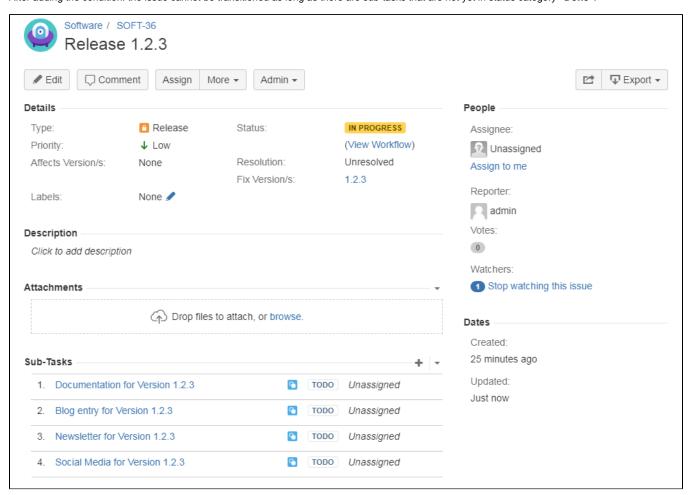


Boolean expression to be evaluated is: count(filterByPredicate(subtasks(), ^%{00144} != "Done")) = 0

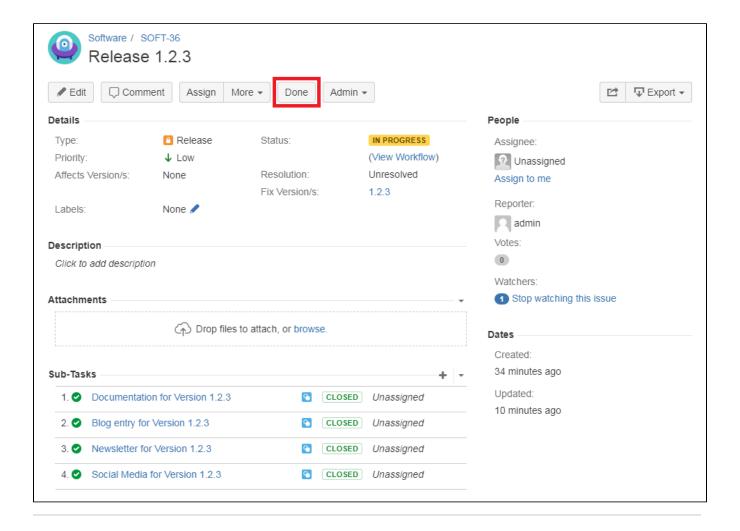
Note that:

• %{00144} is field code for field "Issue status category"

After adding the condition. the issue cannot be transitioned as long as there are sub-tasks that are not yet in status category "Done":



As soon as all sub-tasks are in status category "Done", the parent issue can be transitioned as well:



### Other examples of that function

Page: Block a transition until all sub-tasks have certains fields populated Page: Block an epic's transition depending on linked issues status and due date.

Page: Block or hide a transition for an issue depending on its issue links Page: Block or unblock a transition after an issue rested a specific time

Page: Block transition until all sub-tasks are in a specific status category

Page: Close parent issue when all sub-tasks are closed

Page: Enforce a field (Select List) to be set when another field (Radio

Button) has a certain value (works with any kind of field type)

Page: Ensure that all issues linked with a certain issue link type have "Due Date" field set

Page: If field A is populated then, field B must also be populated

Page: Limit issue creation per role and issue type

Page: Limit the number of hours a user can log per day

Page: Limit valid dates for work logs

Page: Make "Time Spent" field required when there is no time logged in the issue

Page: Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"

Page: Make attachment mandatory depending on the value of certain custom field

Page: Make different fields mandatory depending on the value of a Select List custom field

Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows

Page: Make parent issue progress through its workflow

Page: Prevent issue creation if another issue with same field value already exists

Page: Reject duplicated file names in attachments

### Related Usage Examples

- Block or unblock a transition after an issue rested a specific time in a status
  - o example
  - o condition
  - o validator
  - transition
- Block transition until all sub-tasks are in a specific status category
  - o example
  - transition
  - o condition
- Validation and condition based on time expressions
  - o example
  - o condition
  - validatortransition
- Set a condition in a global transition which only applies in a certain status
  - o example
  - o condition
  - o transition
- Block a transition until all sub-tasks have certains fields populated
  - example
  - o condition
  - o validator
  - sub-tasktransition
- Close parent issue when all sub-tasks are closed
  - o example

Page: Require at least one sub-task in status "Resolved" or "Closed"

when "Testing required" is selected in Check-Box custom field

Page: Require issue link when resolving as duplicate

Page: Restrict parent issue from closing if it has sub-tasks that were

created during a given parent issue status

Page: Restrict sub-task type creation depending on parent issue status

Page: Restrict sub-task type creation depending on parent issue type

Page: Set a condition in a global transition which only applies in a certain status

Page: Validate a custom field "Story Points" has been given a value in

Fibonacci sequence

Page: Validate compatible values selection among dependent custom

fields

Page: Validate only issue links created in transition screen

Page: Validate that multi-user picker custom field A does not contain

any user in multi-user picker custom field B

Page: Validation and condition based on time expressions

Page: Validation based on the value of a date type project property

Page: Validation on issue attachments

Page: Validation on MIME types of issue attachments

Page: Validation on sibling sub-tasks depending on issue type and status

Page: Validation on the value of a Cascading Select field

- condition
- o validator
- post-function
- o sub-task
- o transition
- · Proceed with a task only when all sub-tasks are completed
  - o example
  - o condition
  - o validator
  - o sub-task
  - o transition
- Prevent issue from being closed if it has links of type "is blocked by" to open issues
  - o example
  - o condition
  - o validator
  - o issue-links
  - transition
- · Automatically resolve an epic when all its stories are resolved
  - example
  - o condition
  - o validator
  - post-function
  - transition
- · Make linked issues, sub-tasks and JQL selected issues progress through its workflows
  - example
  - o condition
  - validator
  - o post-function
  - o issue-links
  - o sub-task
  - transition
- · Validation on sibling sub-tasks depending on issue type and status
  - o example
  - o validator
  - o sub-task
  - o transition
- · Block an epic's transition depending on linked issues status and due date
  - o example
  - validator
  - o issue-links
  - o transition
- · Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress" (Transition issues)
  - o example
  - post-function
  - transition
- Transition sub-tasks when parent is transitioned
  - o example
  - o post-function
  - o sub-task
  - o transition o outdated
- Transition only a sub-task among several ones
  - o example
  - o post-function
  - o sub-task
  - o transition
  - o outdated