Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field

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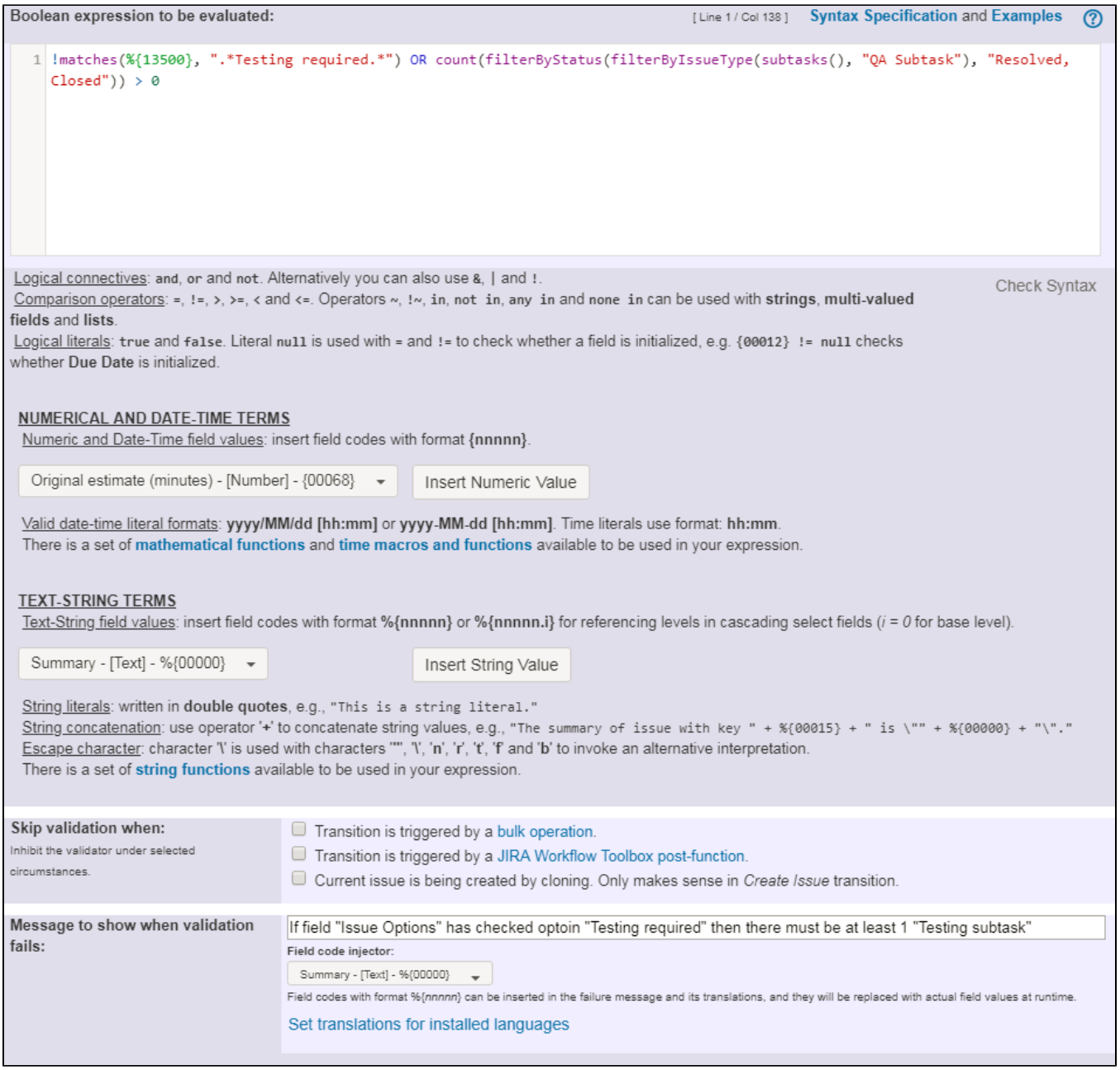
Features used to implement the example

- **Boolean validator with math, date-time or text-string terms**

Example: Require at least one subtask of type "QA Sub-task" in status "Resolved" or "Closed" whenever option "Testing required" is selected in Check-Box custom field

Let us suppose we have a Check Box type custom field called **Issue Options**, and that one of its options is "**Testing required**". We want to add a validator that will force the existence of at least one subtask of type "**QA Subtask**" in status "**Resolved**" of "**Closed**" whenever option "**Testing required**" is checked. To implement that example we have to use validator **Boolean validator with math, date-time or text-string terms** with the following configuration:



The expression used: **`!matches(%{13500}, ".*Testing required.*") OR count(filterByStatus(filterByIssueType(subtasks(), "QA Subtask"), "Resolved, Closed")) > 0`**

Note that:

- code of field "**Issue Options**" is **%{13500}**

Function **matches** must be used to evaluate the value of **Issue Options** since that field may have more than one option selected, and the returned value is a comma separated list with selected options. We use regular expression **".*Testing required.*"**, since that regular expression matches any combination where the option "**Testing required**" is selected.

Other examples of that function

Related Usage Examples

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 in a status
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
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

- Validation on sibling sub-tasks depending on issue type and status
  - example
  - validator
  - sub-task
  - transition
- Restrict sub-task type creation depending on parent issue status
  - example
  - validator
  - sub-task
- Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field
  - example
  - validator
  - sub-task
- Restrict sub-task type creation depending on parent issue type
  - example
  - validator
  - sub-task
- Block a transition until all sub-tasks have certains fields populated
  - example
  - condition
  - validator
  - sub-task
  - transition
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- 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
- Add and remove a single or a set of items from multi valued fields
  - example
  - post-function
  - custom-field
  - issue-links
  - sub-task
- 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