Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status

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Features used to implement the example

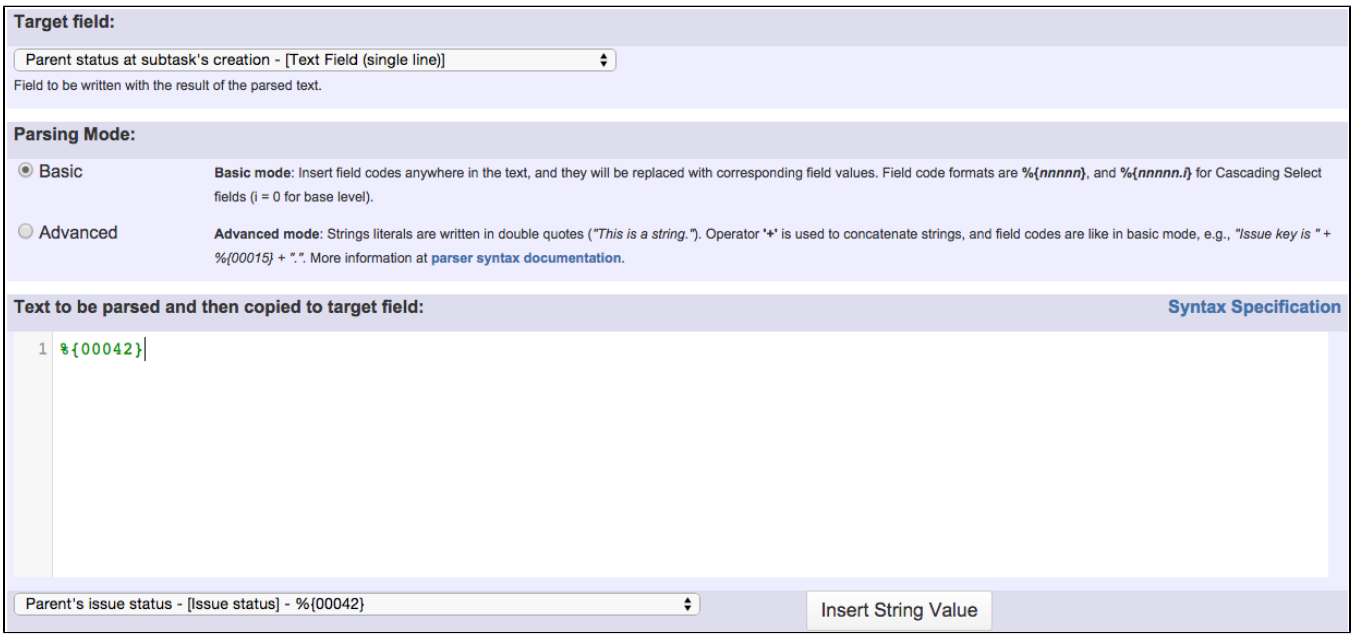
- **Boolean validator with math, date-time or text-string terms**
- **Copy a parsed text to a field**

Example: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status

If sub-tasks are raised while the parent is at a status of "**Released**", the parent cannot be moved to status "**Closed**" until all sub-tasks are closed.

Create a "**Text field (single line)**" custom field in sub-task issue called "**Parent status at sub-task's creation**"

Insert post-function **Copy a parsed text to a field** into sub-task's "**Create Issue**" with the following configuration:



Note that:

- **%{00042}** is field code for "**Parent's issue status**" virtual field
- Beware to introduce that post-function after "**Creates the issue originally**" system post-function

Insert **Boolean validator with math, date-time or text-string terms** validator into "**Close issue**" transition in parent's workflow with the following configuration:

Boolean expression used is: **`count(filterByPredicate(subtasks(), ^%{11900} = "Released" AND ^%{00016} != "Closed")) = 0`**

Note that:

- **%{11900}** is field code for "**Parent status at subtask's creation**" custom field in my particular JIRA instance. You should replace **11900** with the field code in your Jira instance
- **%{00016}** is field code for "**Issue status**"

Other examples of that functions

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

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"

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 certains 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

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

Copy a parsed text to a field

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: Add current user to comment
Page: Add or remove request participants
Page: Add watchers from a part of the issue summary: "Summary_text - watcher1, watcher2, watcher3, ..."
Page: Assign issue based on the value of a Cascading Select custom field
Page: Assign issue to last user who executed a certain transition in the workflow
Page: Automatically close resolved sub-tasks when parent issue is closed
Page: Automatically reopen parent issue when one of its sub-tasks is reopened
Page: Calculate the time elapsed between 2 transition executions
Page: Close parent issue when all sub-tasks are closed
Page: Combine the values of several Multi-User picker fields
Page: Compose a parsed text including the "full name" or a user selected in a User Picker custom field
Page: Compose dynamic text by inserting field values in a text template
Page: Copy issue labels to a custom field
Page: Copy the value of a user property into a user picker
Page: Create a comment in sub-tasks when parent transitions
Page: Execute transition in epic
Page: Getting the number of selected values in a custom field of type Multi Select
Page: Limit the number of hours a user can log per day
Page: Make a sub-task's status match parent issue's current status on creation
Page: Make parent issue progress through its workflow
Page: Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress"
Page: Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
Page: Parse Email adresses to watchers list
Page: Parsing text from last comment and appending it to issue's summary
Page: Remove versions selected in a version picker custom field
Page: Replace certain issue link types with different ones
Page: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
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    - 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
- Prevent transitioning when there is a blocking issue
    - example
    - validator
    - issue-links
    - 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

Page: Set a Select or Multi-Select field using regular expression to express the values to be assigned
Page: Set assignee depending on issue type
Page: Set field depending on time passed since issue creation
Page: Set priority for issues that have been in a certain status for longer than 24 hours
Page: Set security level based on groups and project roles the reporter or creator are in
Page: Transition linked issues in currently active sprint
Page: Transition only a sub-task among several ones
Page: Transition parent issue only when certain issue sub-task types are done
Page: Update Cascading Select custom field with a value of the field in parent issue
Page: Update checkboxes custom field if a file has been attached during a transition
Page: Validation on issue attachments
Page: Validation on MIME types of issue attachments
Page: Writing a comment to blocked issues when blocking issues are resolved