Execute transition in epic

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Features used to implement the example

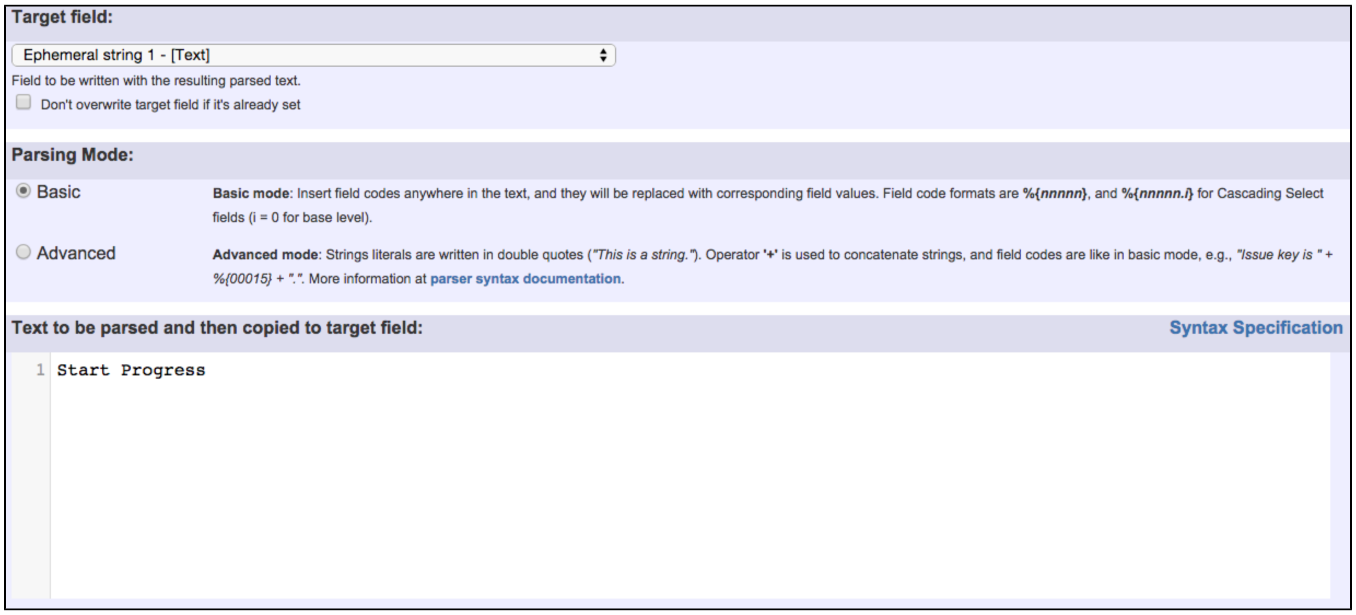
- **Write field on linked issues or sub-tasks**
- **Copy parsed text to a field**

Example: Execute transition in epic

I have a task and Epic. When I proceed with a task automatically the Epic status progresses. (execute transition in Epic).

You should enter a pair of post-functions in the transition of **task's workflow** used for making task's proceed (e.g. "**Proceed Task**"). These post-functions are:

Insert **Copy a parsed text to a field** post-function with the following configuration:



Target field:

Ephemeral string 1 - [Text]

Field to be written with the resulting parsed text.

☐ Don't overwrite target field if it's already set

Parsing Mode:

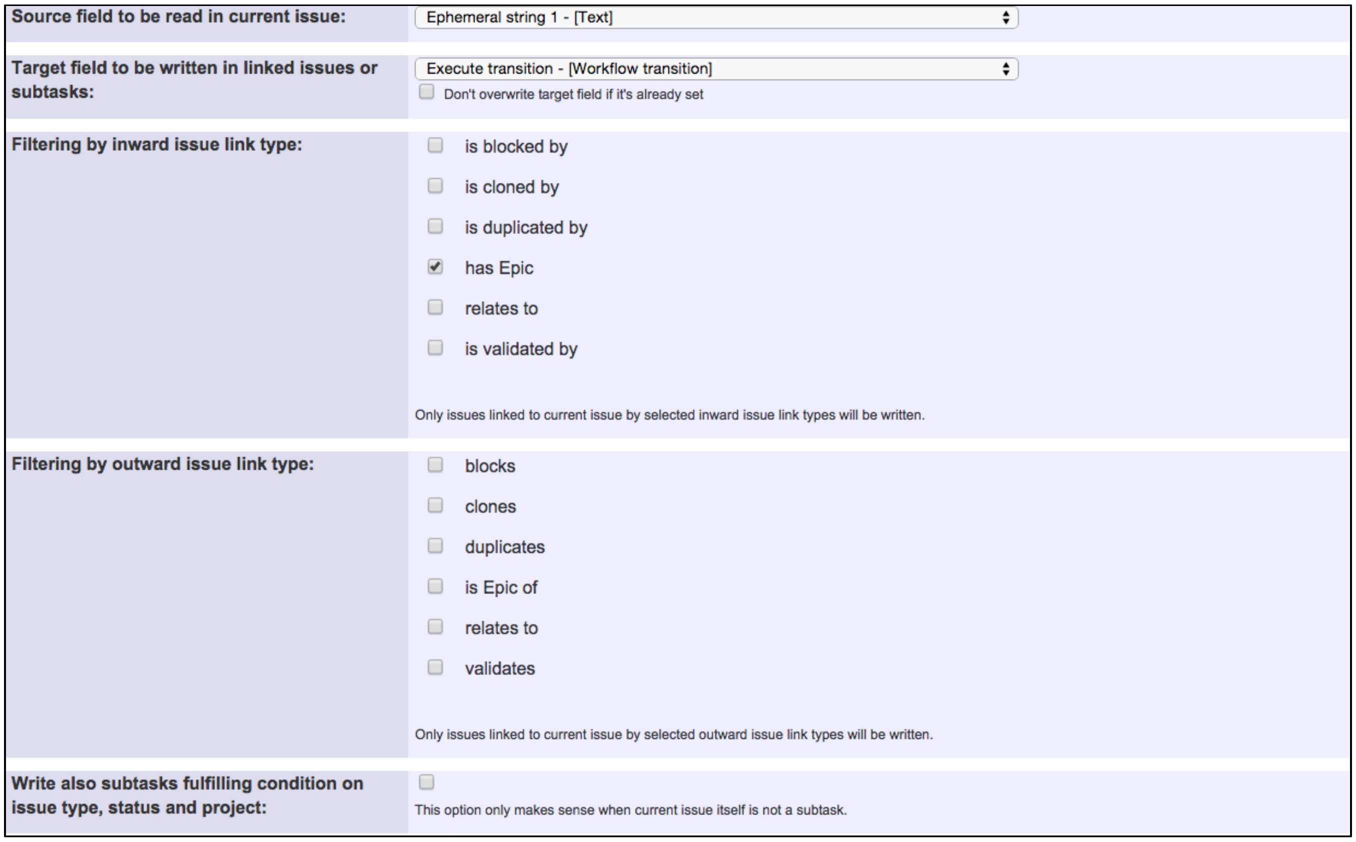
● Basic	**Basic mode**: Insert field codes anywhere in the text, and they will be replaced with corresponding field values. Field code formats are **%{nnnnn}**, and **%{nnnnn.i}** for Cascading Select fields (i = 0 for base level).
○ Advanced	**Advanced mode**: Strings literals are written in double quotes (*"This is a string."*). Operator **'+'** is used to concatenate strings, and field codes are like in basic mode, e.g., *"Issue key is " + %{00015} + "."*. More information at **parser syntax documentation**.

Text to be parsed and then copied to target field: Syntax Specification

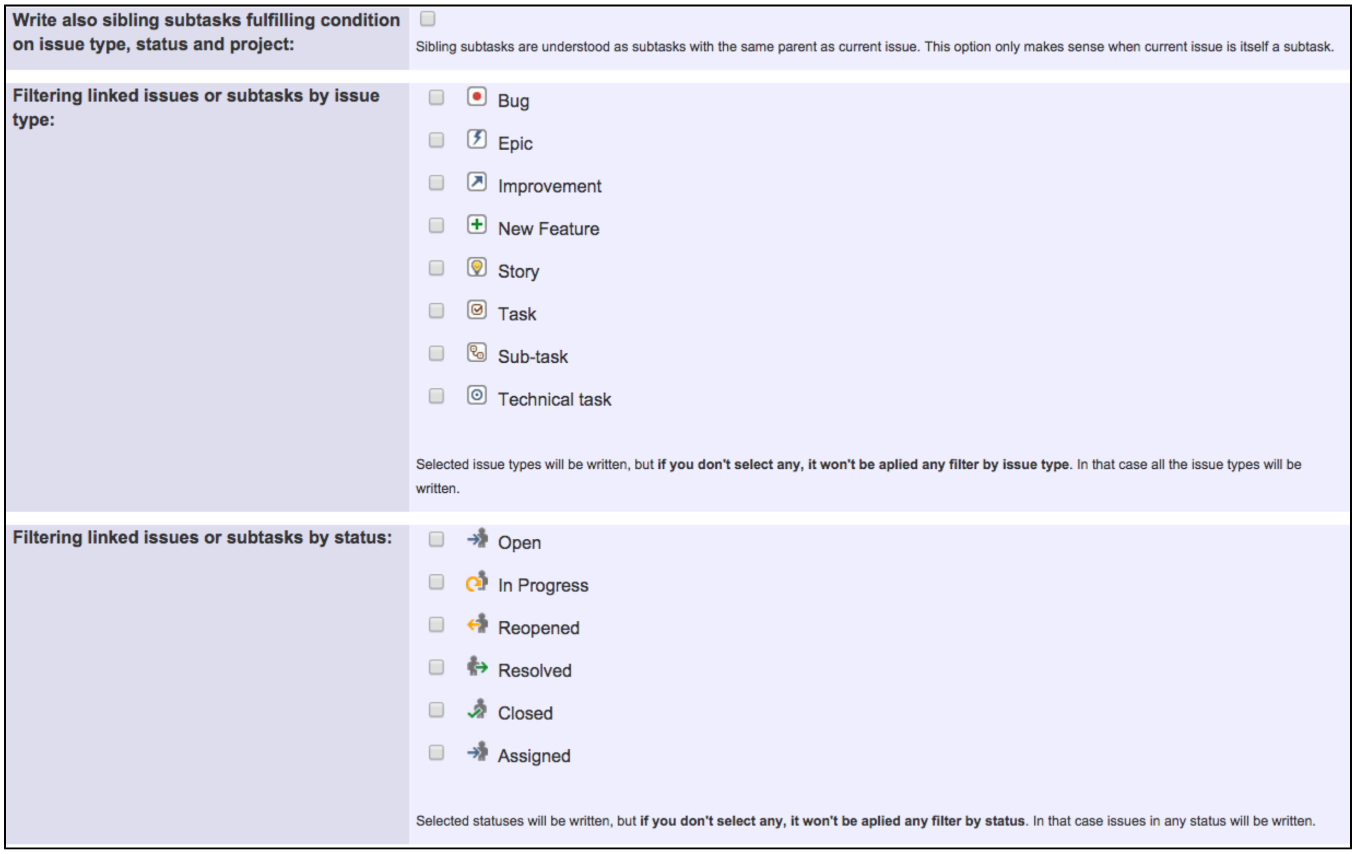
```
Start Progress
```

I'm supposing that transition "**Start Progress**" in epic's workflow is used for making epics progress.

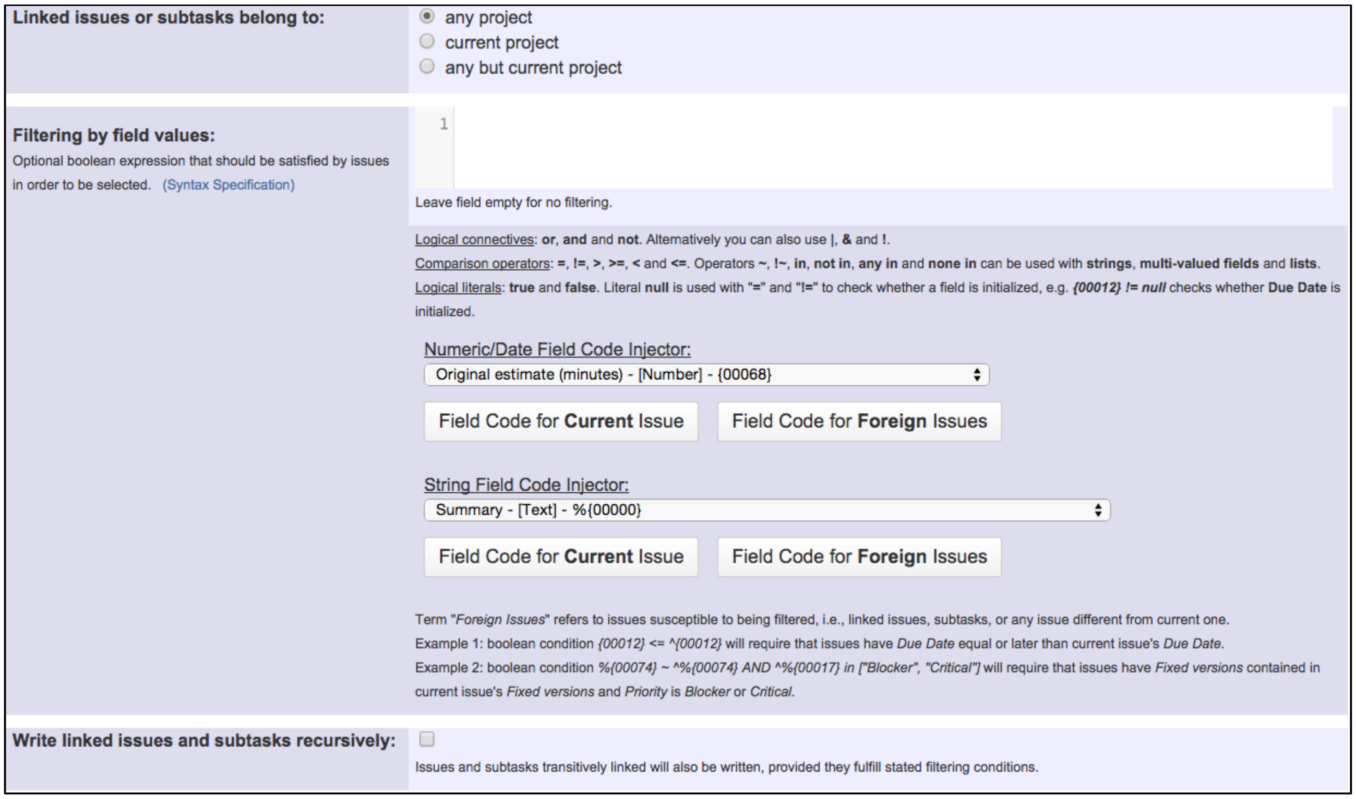
Insert **Write field on linked issues or sub-tasks** post-function with the following configuration:



Source field to be read in current issue:	Ephemeral string 1 - [Text]
Target field to be written in linked issues or subtasks:	Execute transition - [Workflow transition] ☐ Don't overwrite target field if it's already set
Filtering by inward issue link type:	☐ is blocked by ☐ is cloned by ☐ is duplicated by ✓ has Epic ☐ relates to ☐ is validated by Only issues linked to current issue by selected inward issue link types will be written.
Filtering by outward issue link type:	☐ blocks ☐ clones ☐ duplicates ☐ is Epic of ☐ relates to ☐ validates Only issues linked to current issue by selected outward issue link types will be written.
Write also subtasks fulfilling condition on issue type, status and project:	☐ This option only makes sense when current issue itself is not a subtask.



Write also sibling subtasks fulfilling condition on issue type, status and project:	☐ Sibling subtasks are understood as subtasks with the same parent as current issue. This option only makes sense when current issue is itself a subtask.
Filtering linked issues or subtasks by issue type:	☐ Bug ☐ Epic ☐ Improvement ☐ New Feature ☐ Story ☐ Task ☐ Sub-task ☐ Technical task Selected issue types will be written, but **if you don't select any, it won't be aplied any filter by issue type**. In that case all the issue types will be written.
Filtering linked issues or subtasks by status:	☐ Open ☐ In Progress ☐ Reopened ☐ Resolved ☐ Closed ☐ Assigned Selected statuses will be written, but **if you don't select any, it won't be aplied any filter by status**. In that case issues in any status will be written.



Linked issues or subtasks belong to:	(● any project) ○ current project ○ any but current project
Filtering by field values: Optional boolean expression that should be satisfied by issues in order to be selected. (Syntax Specification)	1 Leave field empty for no filtering.

Logical connectives: **or**, **and** and **not**. Alternatively you can also use **|**, **&** and **!**.
Comparison operators: **=**, **!=**, **>**, **>=**, **<** and **<=**. Operators **~**, **!~**, **in**, **not in**, **any in** and **none in** can be used with **strings**, **multi-valued fields** and **lists**.
Logical literals: **true** and **false**. Literal **null** is used with **"="** and **"!="** to check whether a field is initialized, e.g. ***{00012} != null*** checks whether **Due Date** is initialized.

Numeric/Date Field Code Injector:
Original estimate (minutes) - [Number] - {00068}

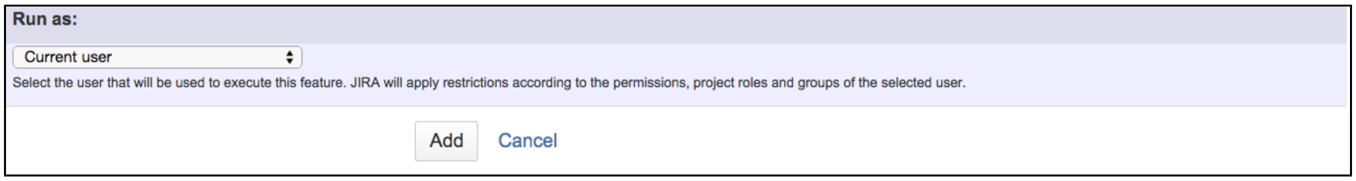
Field Code for **Current** Issue
Field Code for **Foreign** Issues

String Field Code Injector:
Summary - [Text] - %{00000}

Field Code for **Current** Issue
Field Code for **Foreign** Issues

Term "*Foreign Issues*" refers to issues susceptible to being filtered, i.e., linked issues, subtasks, or any issue different from current one.
Example 1: boolean condition *{00012} <= ^{00012}* will require that issues have *Due Date* equal or later than current issue's *Due Date*.
Example 2: boolean condition *%{00074} ~ ^%{00074} AND ^%{00017} in ["Blocker", "Critical"]* will require that issues have *Fixed versions* contained in current issue's *Fixed versions* and *Priority* is *Blocker* or *Critical*.

Write linked issues and subtasks recursively:	☐ Issues and subtasks transitively linked will also be written, provided they fulfill stated filtering conditions.

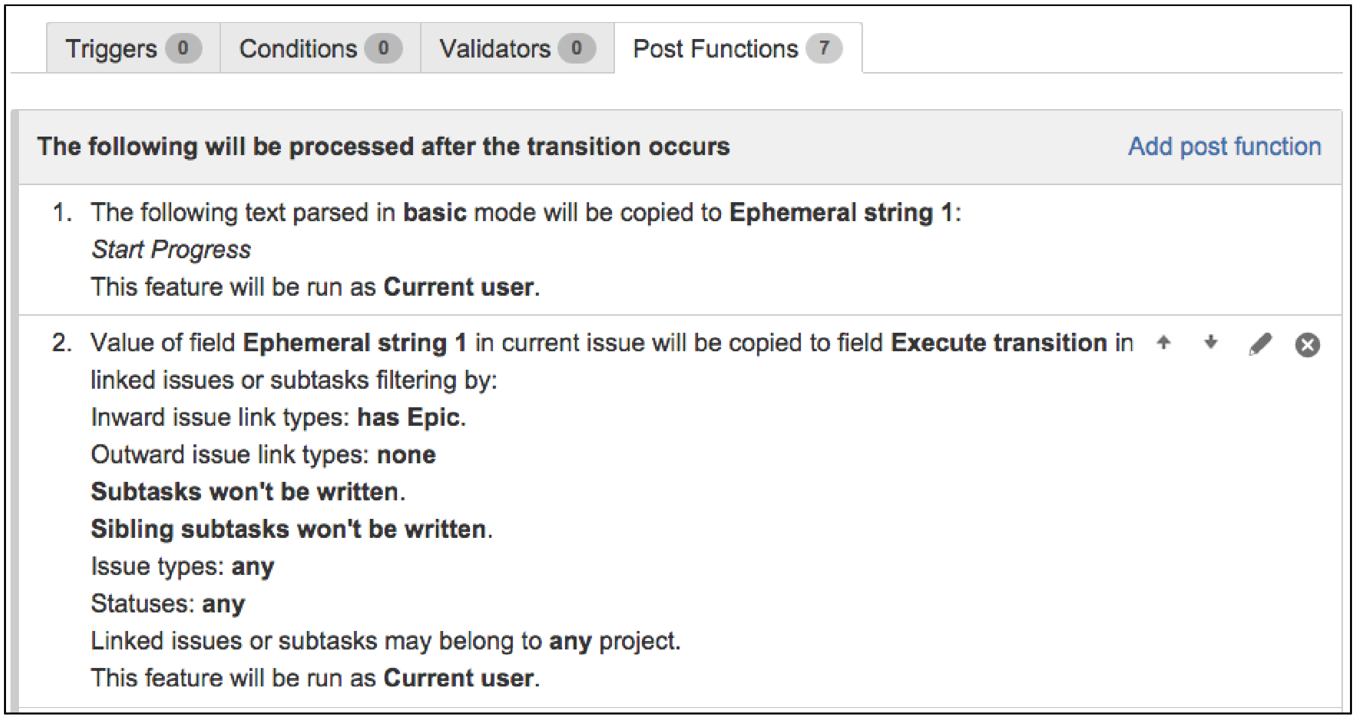


Run as:

Current user

Select the user that will be used to execute this feature. JIRA will apply restrictions according to the permissions, project roles and groups of the selected user.

Once configured, "**Proceed Task**" transition in task's workflow will look like this:


Triggers 0 | Conditions 0 | Validators 0 | Post Functions 7

The following will be processed after the transition occurs — Add post function

1. The following text parsed in **basic** mode will be copied to **Ephemeral string 1**:
   Start Progress
   This feature will be run as **Current user**.
2. Value of field **Ephemeral string 1** in current issue will be copied to field **Execute transition** in linked issues or subtasks filtering by:
   Inward issue link types: **has Epic**.
   Outward issue link types: **none**
   Subtasks won't be written.
   Sibling subtasks won't be written.
   Issue types: **any**
   Statuses: **any**
   Linked issues or subtasks may belong to **any** project.
   This feature will be run as **Current user**.

Other examples of that functions

Write field on linked issues or sub-tasks

Page: Add and remove a single or a set of items from multi valued fields
Page: Automatically become watcher of every issue blocking an issue assigned to you
Page: Automatically close resolved sub-tasks when parent issue is closed
Page: Automatically resolve an epic when all its stories are resolved
Page: Compose dynamic text by inserting field values in a text template
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: Create a comment in sub-tasks when parent transitions
Page: Creating a Jira Service Desk internal comment
Page: Creating a Jira Service Desk internal comment on linked issues
Page: Execute transition in epic
Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows
Page: Moving sub-tasks to "Open" status when parent issue moves to "In Progress"
Page: Sum sub-task's "Time Spent" (work logs) and add it to a certain linked issue
Page: Transition sub-tasks when parent is transitioned

Copy 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

Related Usage Examples

- Block or unblock a transition after an issue rested a specific time in a status
  - example
  - condition
  - validator
  - transition
- Block transition until all sub-tasks are in a specific status category
  - example
  - transition
  - condition
- Validation and condition based on time expressions
  - example
  - condition
  - validator
  - transition
- Validation on sibling sub-tasks depending on issue type and status
  - example
  - validator
  - sub-task
  - transition
- Set a condition in a global transition which only applies in a certain status
  - example
  - condition
  - transition
- Block a transition until all sub-tasks have certains fields populated
  - example
  - condition
  - validator
  - sub-task
  - transition
- Block an epic's transition depending on linked issues status and due date
  - example
  - validator
  - issue-links
  - transition

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
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

- Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress" (Transition issues)
    - example
    - post-function
    - 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
- Change parent's status depending on sub-task's summary (Transition issues)
    - example
    - post-function
    - transition
- 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