Set a date based on current date

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Features used to implement the example

- **Set a field as a function of other fields**

Example: Set a date based on current date

In this example a date will be set based on the value of a select list custom field and the current date.

Based on a single select with the options **"monthly"** and **"quarterly"** another custom date field **"Time limit"** should be set.

Case 1: Selecting "monthly"

- **"Time limit"** will be set to the last day of the next month.

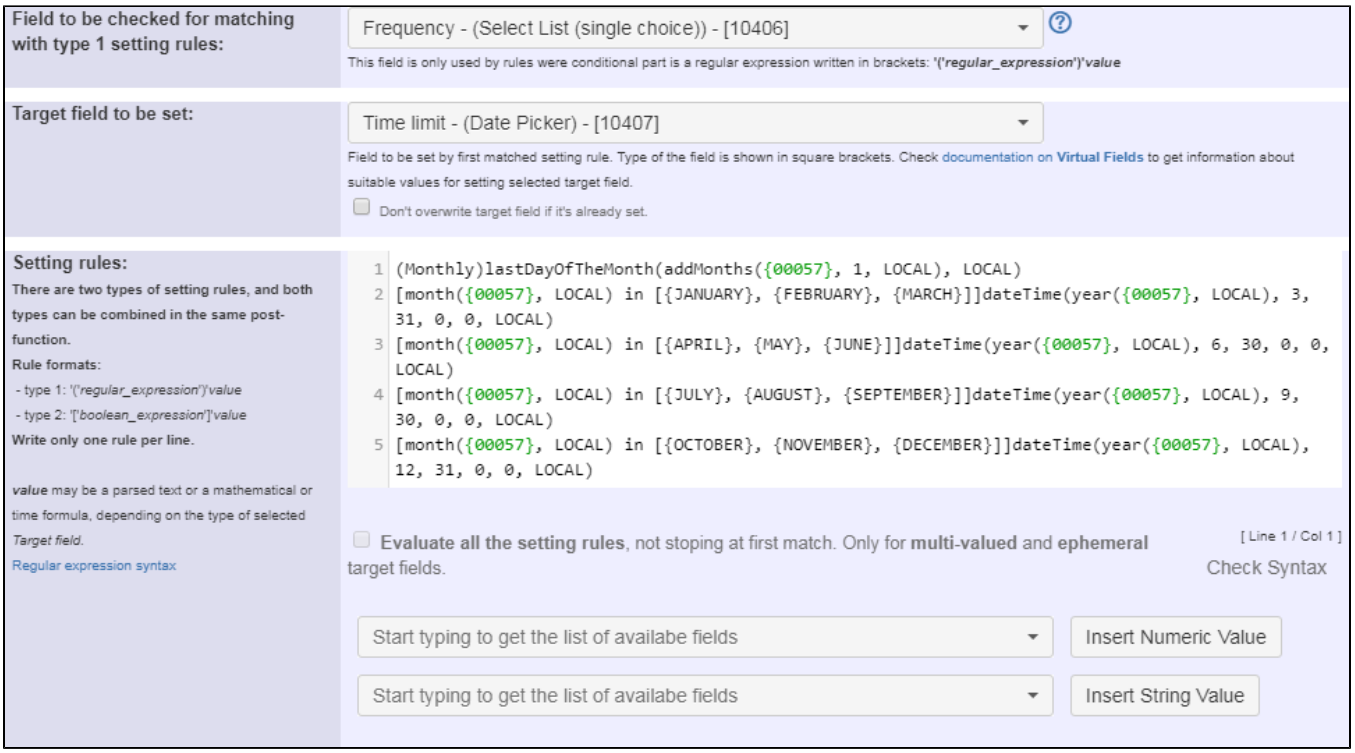
Case 2: Selecting "quarterly"

- **"Time limit"** will be set to the last day of the quarter, e.g.
  Creating an issue on 22/Feb, "Time limit" will be updated to 31/Mar.

Note: For this example, two custom fields are needed:

- Select list (single choice) **"Frequency"** with two options: monthly and quarterly
- Date picker **"Time limit"**

This can be done using the **Set a field as a function of other fields** post function.



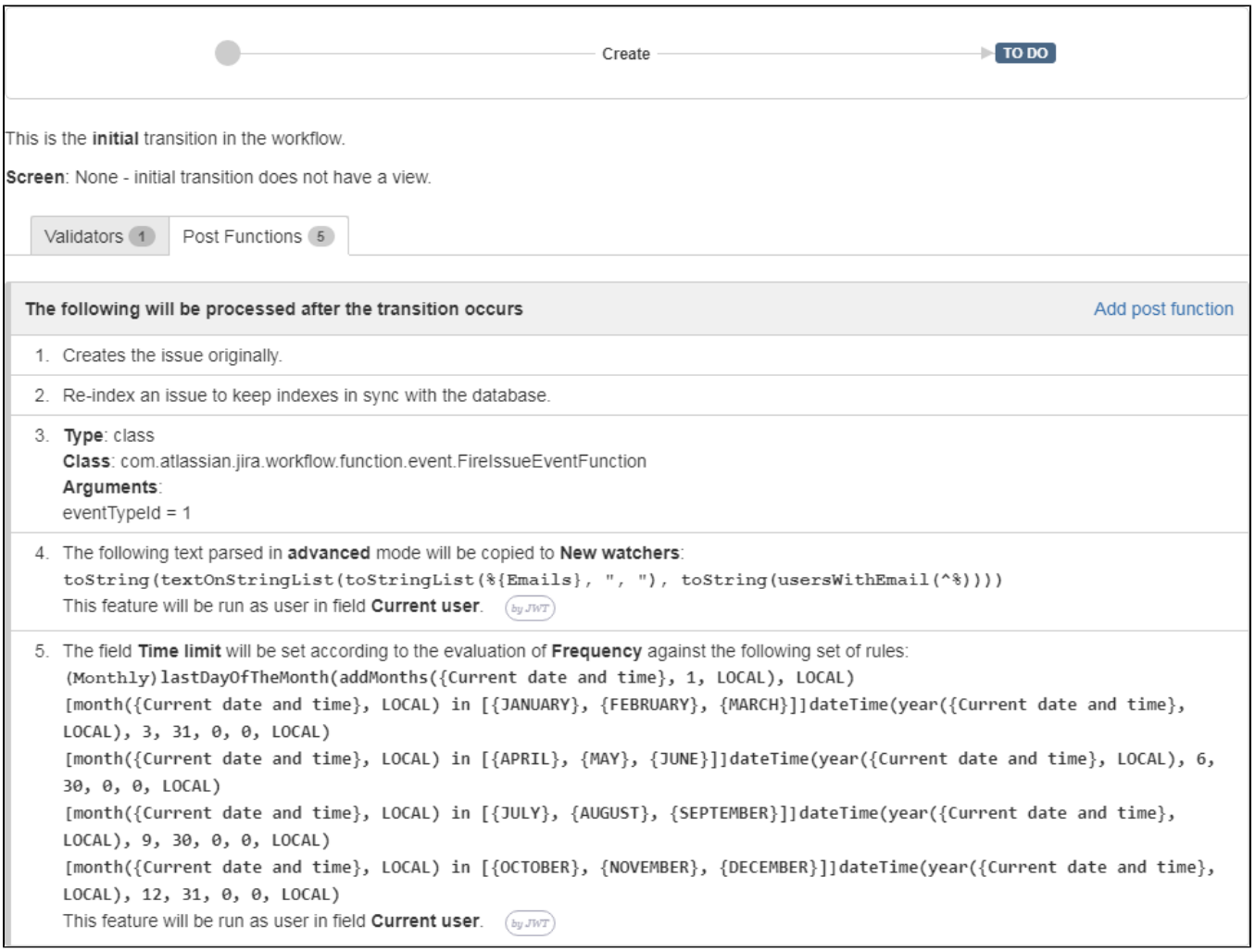
Text to be parsed is:

```
(Monthly)lastDayOfTheMonth(addMonths({00057}, 1, LOCAL), LOCAL)
[month({00057}, LOCAL) in [{JANUARY}, {FEBRUARY}, {MARCH}]]dateTime(year({00057}, LOCAL), 3, 31, 0, 0, LOCAL)
[month({00057}, LOCAL) in [{APRIL}, {MAY}, {JUNE}]]dateTime(year({00057}, LOCAL), 6, 30, 0, 0, LOCAL)
[month({00057}, LOCAL) in [{JULY}, {AUGUST}, {SEPTEMBER}]]dateTime(year({00057}, LOCAL), 9, 30, 0, 0, LOCAL)
[month({00057}, LOCAL) in [{OCTOBER}, {NOVEMBER}, {DECEMBER}]]dateTime(year({00057}, LOCAL), 12, 31, 0, 0, LOCAL)
```

Note that:

- **{00057}** is field code for field "**Current date and time**"

Once configured, the transition will look like this:



Other examples of that function

Page: Add watcher depending on security level
Page: Add watchers based on issue type
Page: Add watchers depending on the value of a custom field
Page: Assign issue based on the value of a Cascading Select custom field
Page: Assign issue to a specific user based on a specific custom field value
Page: Assign issue to current user if assignee is empty
Page: Assign issue to current user if the user is not member of a certain project role
Page: Change assignee based on a custom field
Page: Change parent's status depending on sub-task's summary
Page: Changing issue priority depending on issue description
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: Limit the number of hours a user can log per day
Page: Make parent issue progress through its workflow
Page: Rise priority if due date is less than 3 weeks away
Page: Set "Due date" depending on the value of other fields, in case it's uninitialized
Page: Set "Due date" to a specific day of next week no matter of date of creation this week
Page: Set "Due date" to current date at issue creation if not initialized
Page: Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field

Related Usage Examples

- Creating a Jira Service Desk internal comment
  - example
  - post-function
- Limit the number of hours a user can log per day
  - example
  - validator
  - post-function
  - work-log
- Using project properties to calculate custom sequence numbers
  - example
  - post-function
  - calculated-field
  - project-properties
- Set a date based on current date
  - example
  - post-function
- Setting the priority depending on the multiplication of custom fields
  - example
  - calculated-field
  - post-function
- Parse Email adresses to watchers list
  - example
  - post-function
- Set the assignee based on a condition
  - example

Page: Set a date based on current date
Page: Set a field based on reporter's email
Page: Set a watcher at ticket creation depending on custom field's value
Page: Set assignee depending on issue type
Page: Set security level based on groups and project roles the reporter or creator are in
Page: Set security level depending on reporter or creator
Page: Set the assignee based on a condition
Page: Set the value of a field of type "User Picker" depending on other field's value
Page: Set watchers depending on the value of a custom field
Page: Setting a custom field (User Picker) based on the value of another custom field (Text Field)
Page: Setting a field's default value depending on another field
Page: Setting the priority depending on the multiplication of custom fields
Page: Transition an issue automatically depending on the value of a field
Page: Unassign an issue when assigned to project leader
Page: Update checkboxes custom field if a file has been attached during a transition
Page: Using project properties to calculate custom sequence numbers

- post-function

- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
  - example
  - post-function
  - custom-field
  - sub-task
- Create a static set of sub-tasks with unique summaries
  - example
  - post-function
- Triage Jira Service Desk email requests (Move issues)
  - example
  - post-function
  - move
  - transition-issue
- 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