Set "Due date" depending on the value of other fields, in case it's uninitialized

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Features used to implement the example

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

Example: Set "Due date" depending on the value of other fields, in case it's uninitialized

I'm trying to create a post-function with this logic:

- The basic version:
  If the field **DUE DATE is null**, then insert this value to the **DUE DATE** field: **CreatedDate + 3 Days**
- The more complicated version:
  If the field **DUE DATE is null**, and the **PRIORITY = Major**, then insert this value in the **DUE DATE** field: **CreatedDate + 2 hours**

You have to use post-function **Set a field as a function of other fields** of **Jira Workflow Toolbox** plugin with the following configuration:

Notice that:

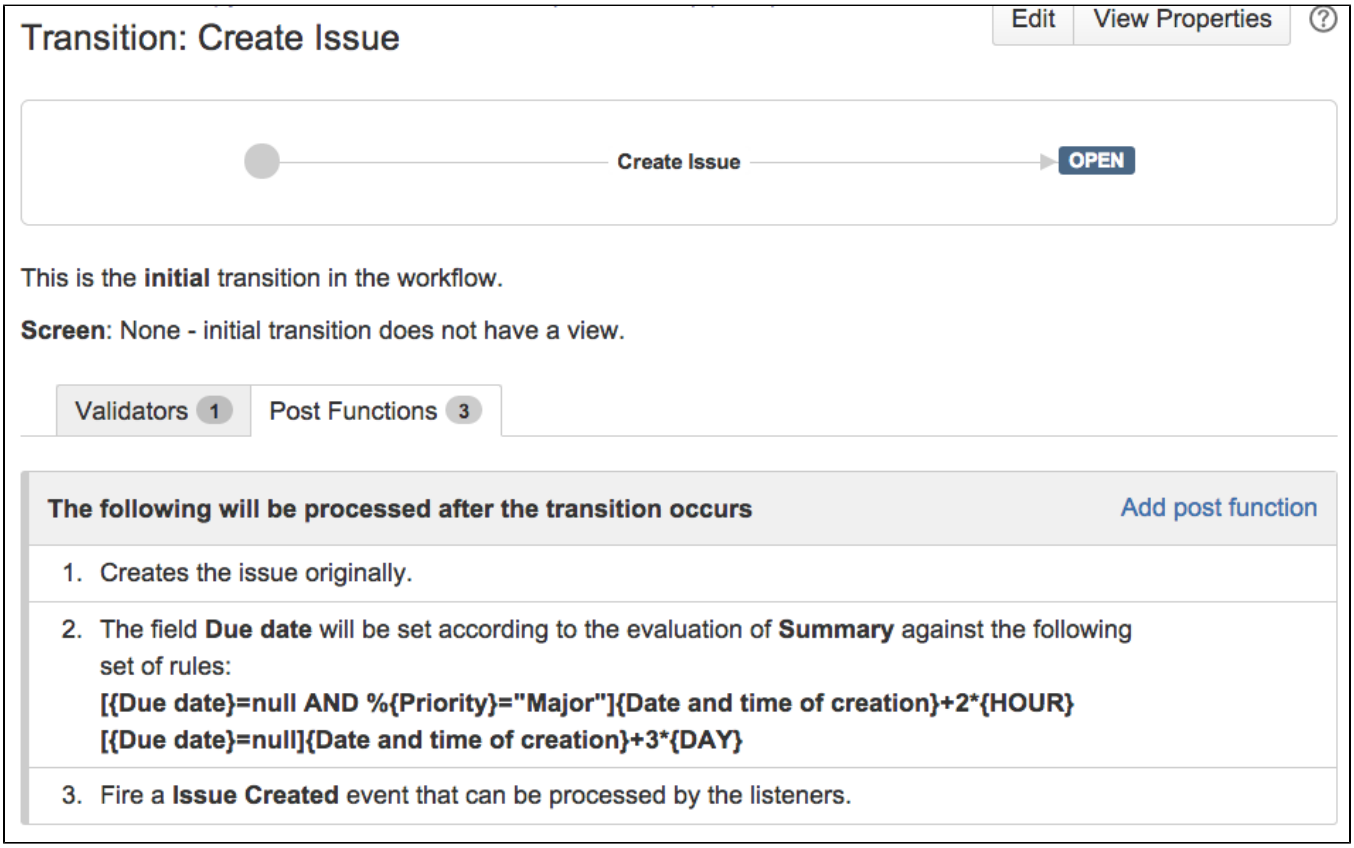
- **{00012}** is the field code for numeric value of field **Due Date**

- **{00009}** is the field code for numeric value of field **Date and time of creation**
- **%{00017}** is the field code for string value of field **Priority**

Value of parameter "**Field to be checked for matching with type 1 setting rules"** has no effect, since we are **not** using **type 1** setting rules.

Setting rules are evaluated in order, and once a rule is matched, the rest of the rules are not processed. That's the reason we write in first place the most restrictive setting rule (**Due Date = null and Priority = Major**), and in second place the most general one.

Once configured, the transition will look like this:



Other examples of that function

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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

Related Usage Examples

- Creating a Jira Service Desk internal comment
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  - 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
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  - project-properties
- Set a date based on current date
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- Setting the priority depending on the multiplication of custom fields
  - example
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  - post-function
- Parse Email adresses to watchers list
  - example

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Page: Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field
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

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- Set the assignee based on a condition
    - example
    - post-function
- Create a static set of sub-tasks with unique summaries
    - example
    - post-function
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
    - example
    - post-function
    - custom-field
    - sub-task
- Triage Jira Service Desk email requests (Move issues)
    - example
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    - move
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- 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
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    - sub-task
    - transition
    - outdated
- Transition only a sub-task among several ones
    - example
    - post-function
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    - outdated
- Moving sub-tasks to "Open" status when parent issue moves to "In Progress"
    - example
    - post-function
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    - transition
    - outdated
- Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
    - example
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