Set "Due date" 6 natural days (or work days) earlier than a "Date Picker" custom field

On this page

- Features used to implement the example
- Example: Set "Due date" 6 natural days (or work days) earlier than a "Date Picker" custom field
- Alternative implementation
- Other examples of that function
- Related Usage Examples

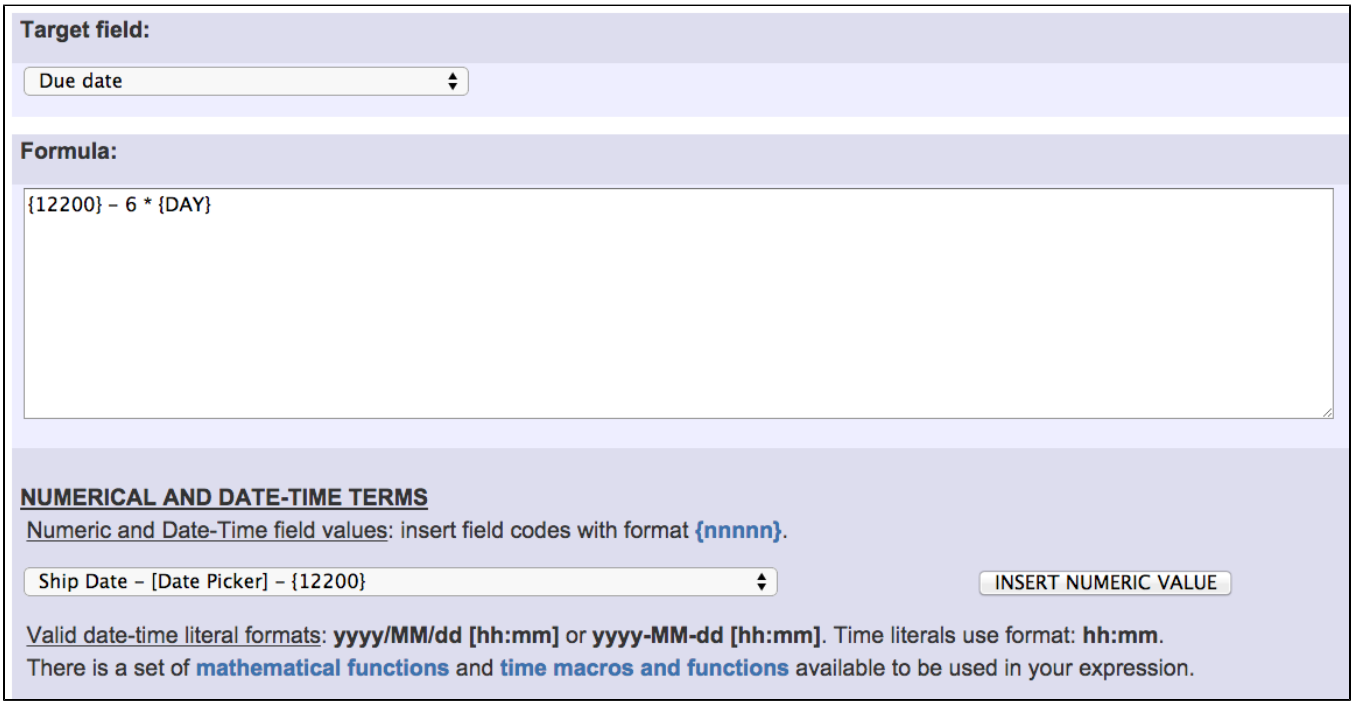
Features used to implement the example

- **Mathematical and date-time expression calculator**

Example: Set "Due date" 6 natural days (or work days) earlier than a "Date Picker" custom field

I tried to use the substractDays. function and it does not work. The due date stays empty. I tries **6 * {DAY}**, I am not sure if it is the good way. Actually, on the creation, I want to push the value "Ship date - 6 days" to "**Due date**".

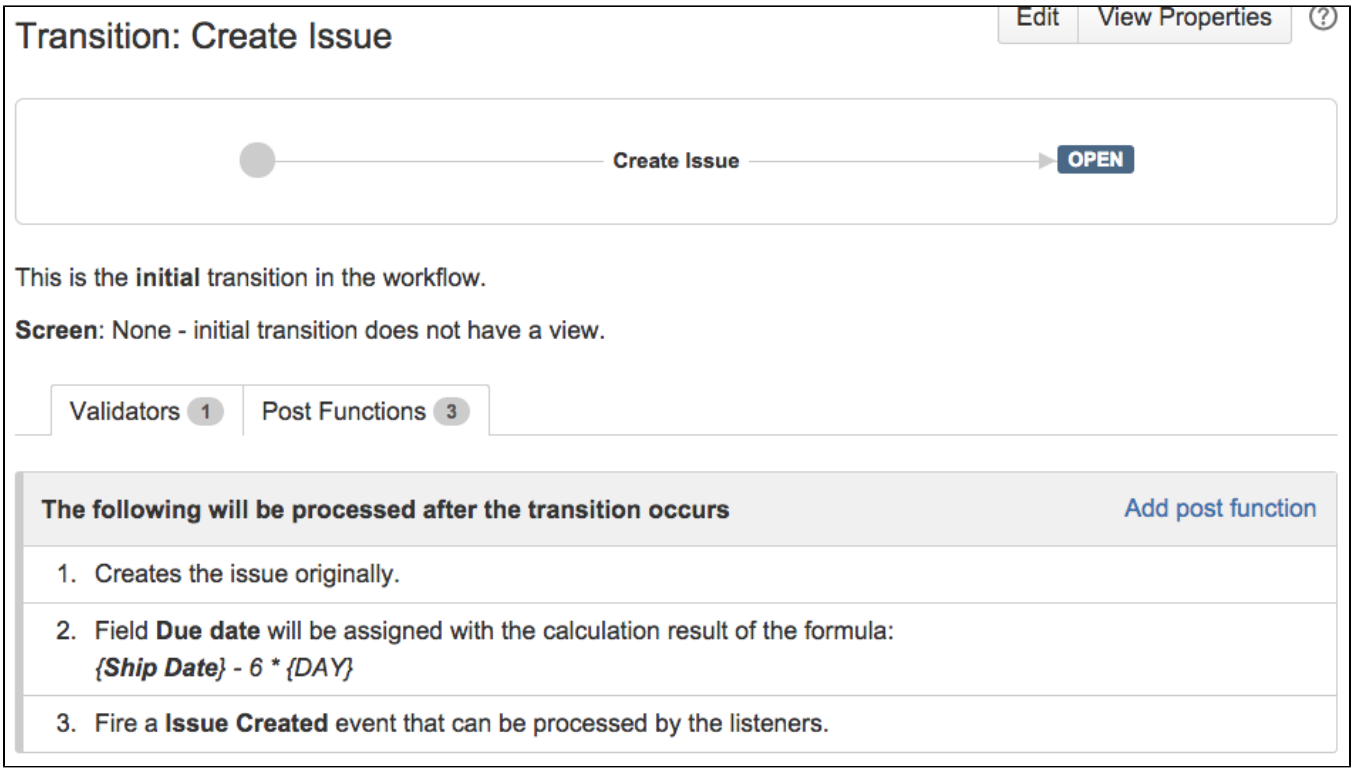
In case you want to subtract 6 **natural days** from "**Due Date**", you have to use post-function **Mathematical and date-time expression calculator** with the following configuration:



Notice that:

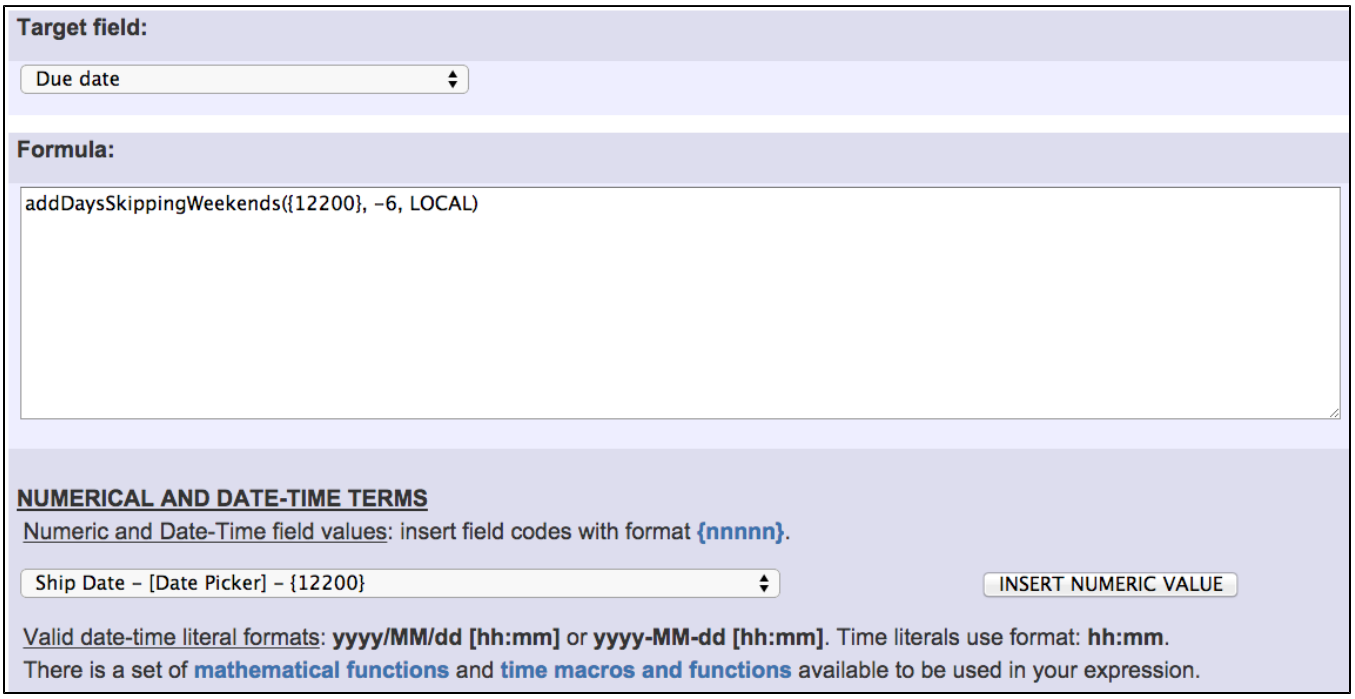
- **{12200}** is the code for numeric value of field "**Ship Date**". This code depends on each Jira instance.

Once configured, transition "**Create Issue**" will look like this:



Alternative implementation

In case you want to subtract **6 work days** from "**Due Date**", you have to use post-function **Mathematical and date-time expression calculator** with the following configuration:

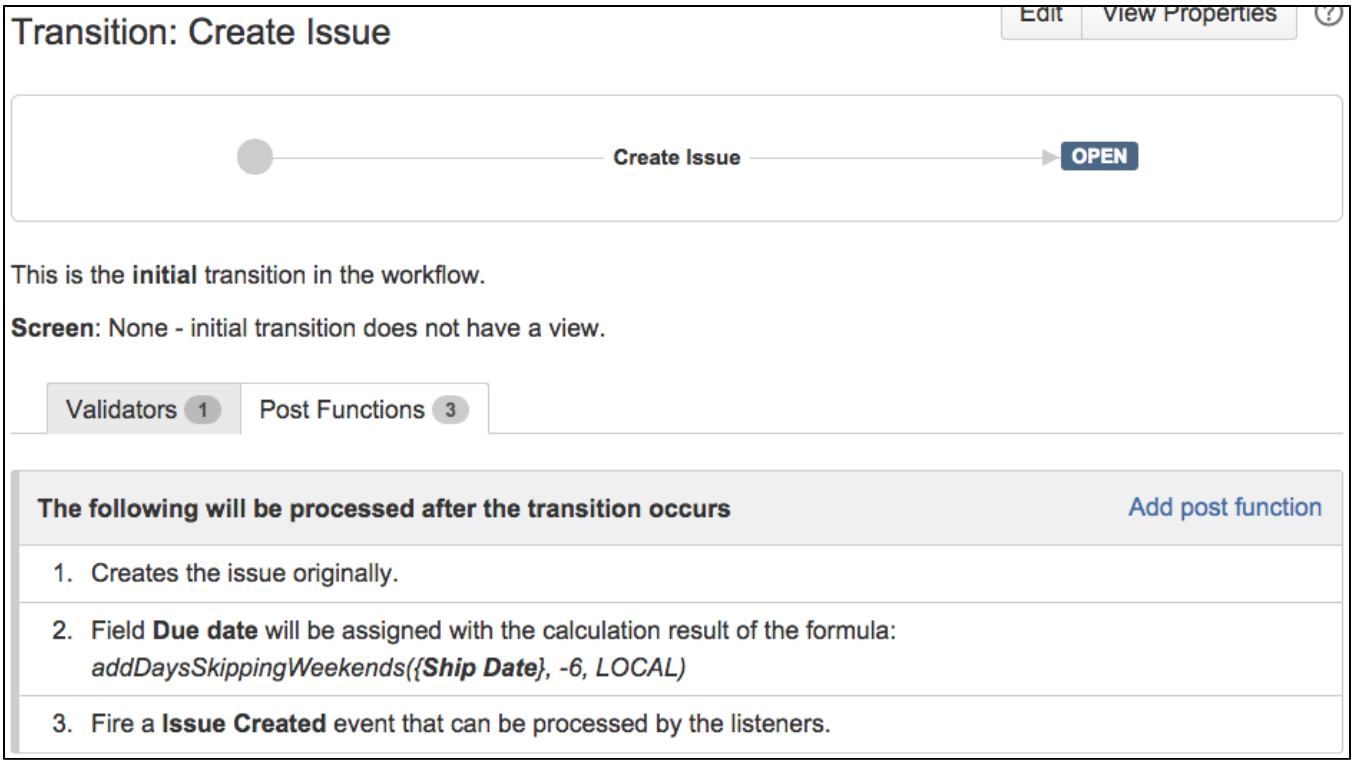


Note that:

- **{12200}** is the code for numeric value of field "**Ship Date**". This code depends on each Jira instance.

- Work days depend on timezone, since certain moment in time may be Sunday in some timezones, and Monday in other ones. In the example we are using **Jira server's local time**, but we can use any other timezone. If you want to use the **current user's time zone** you should use **USER_LOCAL** instead.

Once configured, transition "**Create Issue**" will look like this:



Since version **2.2.39**, **Jira Workflow Toolbox** supports **Custom Schedules**, and you can do all you are doing now using **addTimeSkippingWeekends()** and **subtractDatesSkippingWeekends()** functions, and much more.

Other examples of that function

Page: Automatic work log with start and stop work transitions
Page: Automatically log work time when the user uses a "Stop Progress" transition
Page: Calculate the time elapsed between 2 transition executions
Page: Getting the number of selected values in a custom field of type Multi Select
Page: Implement a form with a series of questions and calculate a numeric value based on the answers
Page: Increment a field or set to 1 if it's not set
Page: Set "Date-Time Picker" custom field with current date-time
Page: Set "Due date" 6 natural days (or work days) earlier than a "Date Picker" custom field
Page: Set "Due date" to a specific day of next week no matter of date of creation this week
Page: Set "Due date" with certain time offset from current date
Page: Set "Total time spent" to "Current date and time - date and time of last update"
Page: Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field
Page: Sum "Time Spent" in all sub-tasks of issues linked with issue link types "LinkA", "LinkB", "LinkC"
Page: Triage Jira Service Desk email requests (Move issues)
Page: Using project properties to calculate custom sequence numbers

Related Usage Examples

- Validate compatible values selection among dependent custom fields
  - example
  - validator
  - custom-field
- Validate a custom field "Story Points" has been given a value in Fibonacci sequence
  - example
  - validator
  - custom-field
- Validate that multi-user picker custom field A does not contain any user in multi-user picker custom field B
  - example
  - validator
  - custom-field
- Validation on the value of a Cascading Select field
  - example
  - validator
  - custom-field
- Make different fields mandatory depending on the value of a Select List custom field
  - example
  - validator
  - custom-field
- Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"
  - example

        - validator
        - custom-field
- Enforce a field (Select List) to be set when another field (Radio Button) has a certain value (works with any kind of field type)
    - example
    - validator
    - custom-field
- Make attachment mandatory depending on the value of certain custom field
    - example
    - validator
    - custom-field
- Create a dynamic set of sub-tasks based on checkbox selection with unique summaries
    - example
    - post-function
    - custom-field
    - sub-task
- Total of all story points in an epic
    - example
    - custom-field
    - calculated-field
- Show timeliness of an issue based on two date pickers
    - example
    - custom-field
    - calculated-field
- Add and remove a single or a set of items from multi valued fields
    - example
    - post-function
    - custom-field
    - issue-links
    - sub-task
- Highest value of a custom field among linked issues
    - example
    - custom-field
    - calculated-field
- Google Maps location from address
    - example
    - calculated-field
    - custom-field
- Make certain custom field required in resolve screen only if the resolution was set to "Fixed"
    - example
    - validator
    - custom-field