

# Transition an issue automatically depending on the value of a field

On this page

- [Features used to implement the example](#)
- [Example: Transition an issue automatically depending on the value of a field](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

## Features used to implement the example

- [Set a field as a function of other fields](#)

## Example: Transition an issue automatically depending on the value of a field

We have a field called **“Change Type”**. At issue creation, we want to check the value of the field, and if the value is **“Preapproved”** or **“Planned”**, we want to move the issue through the workflow into **“Approved”** status.

That behavior can be implemented inserting post-function [Set a field as a function of other fields](#) at transition **“Create Issue”** using the following configuration:

Field to be checked for matching with type 1 setting rules:

Change Type - [Select List (single choice)]

This field is only used by rules where conditional part is a regular expression written in brackets: "(*regular\_expression*)"value

Target field to be set:

Issue status (delayed writing) - [Issue status]

Field to be set by first matched setting rule. Type of the field is shown in square brackets. Check [documentation on Virtual Fields](#) to get information about suitable values for setting selected target field.

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

Setting rules:

There are two types of setting rules, and both types can be combined in the same post-function.  
Rule formats:  
- type 1: "(*regular\_expression*)"value  
- type 2: "[*boolean\_expression*]"value  
Write only one rule per line.  
  
*value* may be a parsed text or a mathematical or time formula, depending on the type of selected Target field.  
[Regular expression syntax](#)

1 (Preapproved)Approved  
2 (Planned)Approved

☐ Evaluate all the setting rules, not stopping at first match. Only for multi-valued and ephemeral target fields.

[ Line 2 / Col 19 ]

Check Syntax

Original estimate (minutes) - [Number] - {00068}

Insert Numeric Value

Summary - [Text] - %{00000}


Insert String Value

Setting rules used are:

(Preapproved)Approved

(Planned)Approved

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

The following will be processed after the transition occurs	Add post function
1. Creates the issue originally.	
2. The field <b>Issue status (delayed writing)</b> will be set according to the evaluation of <b>Change Type</b> against the following set of rules: (Preapproved)Approved (Planned)Approved This feature will be run as user in field <b>Current user</b> . 	
3. Fire a <b>Issue Created</b> event that can be processed by the listeners.	

**IMPORTANT:** The solution described requires the existence of a transition from initial status of the workflow (usually "Open") and status "Approved", since this transition is used by the post-function to move the issue. Conditions and validators in the transition needs to be satisfied in order to being able to move the issue through the transition.

## 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](#)  
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](#)

## Related Usage Examples

- [Transition an issue automatically depending on the value of a field](#)
  - [example](#)
  - [post-function](#)
  - [custom-field](#)
  - [transition](#)
- [Update checkboxes custom field if a file has been attached during a transition](#)
  - [example](#)
  - [post-function](#)
  - [custom-field](#)
  - [transition](#)
- [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 on sibling sub-tasks depending on issue type and status](#)
  - [example](#)
  - [validator](#)
  - [sub-task](#)
  - [transition](#)
- [Validation and condition based on time expressions](#)
  - [example](#)
  - [condition](#)
  - [validator](#)
  - [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 certain fields populated](#)
  - [example](#)

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

- condition
  - validator
  - sub-task
  - transition
- Block an epic's transition depending on linked issues status and due date
  - example
  - validator
  - issue-links
  - transition
- 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