

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

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## 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

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