# Update checkboxes custom field if a file has been attached during a transition
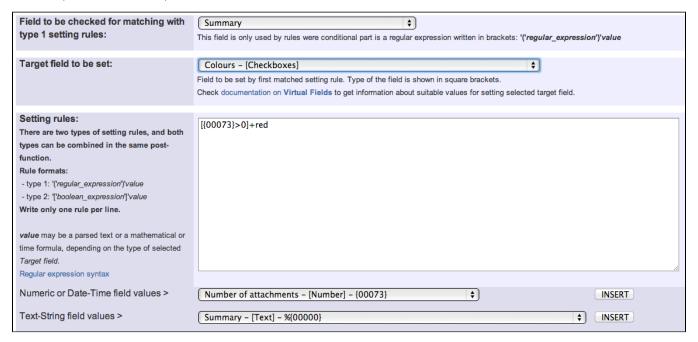
## Features used to implement the example

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

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## Example: Update checkboxes custom field if a file has been attached during a transition

I have a requirement to check that during a WKF transition at least a file was attached. If this is true, I need to update a Custom field (type checkbox).

Yes, you ca do it using post-function **Set a field as a function of other fields**. I will show you how to do it in an example where we have a **Checkboxes** type custom field called "**Colours**", with various colours as options. We want to set color "**red**" if issue has at least one attachment, leaving unaffected (checked or unchecked) the rest of the colours:

| **Field to be checked for matching with type 1 setting rules:** | Summary ⬍ |
| --- | --- |
| | This field is only used by rules were conditional part is a regular expression written in brackets: **'('*regular_expression*')'*value*** |
| **Target field to be set:** | Colours – [Checkboxes] ⬍ |
| | 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. |
| **Setting rules:**<br>There are two types of setting rules, and both types can be combined in the same post-function.<br>**Rule formats:**<br> - type 1: '('*regular_expression*')'*value*<br> - type 2: '['*boolean_expression*']'*value*<br>**Write only one rule per line.**<br><br>*value* may be a parsed text or a mathematical or time formula, depending on the type of selected *Target field.*<br>Regular expression syntax | [{00073}>0]+red |
| Numeric or Date-Time field values > | Number of attachments – [Number] – {00073} ⬍　INSERT |
| Text-String field values > | Summary – [Text] – %{00000} ⬍　INSERT |

Once configured, transition will look like this:

**Conditions** 0   **Validators** 0   **Post Functions** 7

**The following will be processed after the transition occurs**     Add post function

1. The field **Colours** will be set according to the evaluation of **Summary** against the following set of rules:

   [{Number of attachments}>0]+red

As a clarification I explain that the '**+**' character preceding "**red**" is used to add (or check) the "**red**" option keeping the rest of options unaltered. If you wanted to uncheck it, you should use "**-red**". If you use "red" without + or -, you will uncheck all the options but "red". You have more examples of it in post-function **Copy parsed text to a field**.

Field "**Number of attachments**" (field code **{00073}**) represents the number of attachments in the issue including those uploaded in transition screen. I have released a beta version 2.1.17_beta_1 with 2 new virtual fields: "**Number of transition attachments**" (field code **{00135}**) and "**Transition's comment**" (field code **%{00127}**).

You can use "**Number of transition attachments**" if you need to consider only those attachments uploaded in transition screen. Feel confident to use this beta version of the plugin in production environment, since it only differs from version **2.1.16** in those 2 new virtual fields.

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## 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
Page: Unassign an issue when assigned to project leader
Page: Update checkboxes custom field if a file has been attached during a transition

## 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 and condition based on time expressions
  - example
  - condition
  - validator
  - transition
- Validation on sibling sub-tasks depending on issue type and status
  - example
  - validator
  - sub-task
  - 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 certains fields populated
  - example
  - condition
  - validator
  - sub-task

Page: