

Change parent's status depending on sub-task's summary

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Features used to implement the example

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



This example is considered **outdated**. Please head over to the one using our [Transition issues](#) post function [here](#).

Example: Change parent's status depending on sub-task's summary

I have some doubts and I am unable to solve them:

I have a Task and Sub-task: If the summary of a sub-task contain "**Create estimate**", then the task gets the new status "**estimate created**" (execute transition in Task).

You have to insert [Set field as a function of other fields](#) post-function in "**Create Issue**" post-function of sub-task's workflow. Use the following configuration:

Field to be checked for matching with type 1 setting rules:	<div>Summary - [Text]</div> <div>This field is only used by rules where conditional part is a regular expression written in brackets: <code>{("regular_expression")value}</code></div>
Target field to be set:	<div>Parent's issue status - [Issue status]</div> <div>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.</div> <div><input type="checkbox"/> Don't overwrite target field if it's already set</div>
Setting rules: There are two types of setting rules, and both types can be combined in the same post-function. Rule formats: - type 1: <code>{("regular_expression")value}</code> - type 2: <code>{(boolean_expression)value}</code> Write only one rule per line. <i>value</i> may be a parsed text or a mathematical or time formula, depending on the type of selected <i>Target field</i> . Regular expression syntax	<div>1 <code>i(.create estimate.*)Estimate created</code></div> <div><input type="checkbox"/> Evaluate all the setting rules, not stopping at first match. Only available for multi-valued and ephemeral target fields.</div>

Setting rule used requires [JIRA Workflow Toolbox 2.1.32](#) or higher. Prefix `i` makes the regular expression to be evaluated ignoring the case of the text in the summary. Used expression is:

```
i(.create estimate.*)In Progress
```

If you are using an older version of the plugin, use the following equivalent setting rule:

```
((?i).create estimate.*)In Progress
```

Once configured, "**Create Issue**" transition in sub-task's workflow will look like this:

Create Issue

OPEN

This is the **initial** transition in the workflow.

Screen: None - initial transition does not have a view.

Validators 1

Post Functions 3

The following will be processed after the transition occurs

Add post function

1. Creates the issue originally.

2. The field **Parent's issue status** will be set according to the evaluation of **Summary** against the following set of rules:
i.(*create estimate.*)Estimate created
This feature will be run as **Current user**.

3. Fire a **Issue Created** event that can be processed by the listeners.

Please check that:

- There is a **transition from current parent status to the new status**, and that all the **conditions and validations in that transition are satisfied**.
- In order to discard that the setting rule is not being triggered because of the condition on "**Summary**" is not satisfied, please, replace the setting rule with **(.*)Estimated created** which is always satisfied.

Other examples of that function

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 Page: [Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field](#)
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- Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
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