Keep the status of parents and sub-tasks in sync

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Use case

Keeping parent issues and sub-tasks in sync, as described in **this use case**, is a lot of manual work. This automation rule will update the status of all sub-tasks based on the **parent status**: When the parent issue is rejected, all sub-tasks are also being rejected.

Should I use an automation rule or a workflow post function?

When to use this automation rule and when to use a workflow post function?

This use case is very useful, if there are several software projects with different workflows where all related issues have to be closed on releasing a new version. Configuring just one automation rule might then be the easier way to go. But if this scenario is only necessary for one workflow, the **Transition Issues post function** would make more sense. In this case you might want to check out our **corresponding post function use case**.





Create a new rule and name it appropriately.

Providing a description will help you to identify what the rule does but this step is optional.

 $\left(\mathsf{2}\right)$

Add a Trigger Issue transitioned event

No further configuration needed. The automation rule is triggered every time an issue is being transitioned.

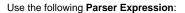
Boolean condition

3

Add a Condition Boolean Condition

4

Expression

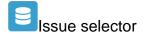


%{trigger.issue.status} = "Rejected"

more info...

Boolean expressions are logical constructions that return true or false .

In this use case, the expression will only return true if the status of the **issue triggering the rule** is





Next to the Boolean Condition click on Add Selector Issue Selector

6

Target Issue(s)

Choose Sub-tasks

Transition issue action



Next to the Issue Selector click on Add Action Transition issue



Mode

Transition to status



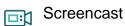
Status

Choose Rejected



Enable the rule by clicking on the **Enable button**





This is how the configuration above should look on your screen

Your browser does not support the HTML5 video element

[2] Import the example

Import the JSON file below to get started in no time.

JSON

After importing the JSON file, make sure to **check** the **configuration** of the rule. Non-existing configuration elements (issue types, fields, values etc.) will be highlighted.

```
"name": "Keep the status of parents and sub-tasks in sync",
"description": "",
"creator": "admin",
"status": false,
"triggerData": "",
"triggerType": "ISSUE_TRANSITIONED_EVENT",
"configuration": {
    "refs": [
        "issue",
        "system",
        "trigger.issue",
        "trigger.parent"
    "triggerType": ""
"children": [
    {
        "sequence": 1,
        "type": "BOOLEAN_CONDITION",
        "ruleEntityType": "CONDITION",
        "configuration": {
            "refs": [
                "issue",
                "project",
                "system",
                "trigger",
                "trigger.issue",
                "trigger.parent"
            "expression": "%{trigger.issue.status} = \"Rejected\"",
            "expressionParsingMode": "logical",
            "actingUser": "field_00020"
        },
        "children": [
            {
                "sequence": 0,
                "type": "ISSUE_SELECTOR",
                "ruleEntityType": "SELECTOR",
                "configuration": {
                     "refs": [
                        "issue",
                        "project",
                        "system",
                        "trigger",
                        "trigger.issue",
                         "trigger.parent"
                    ],
                    "option": "subtasks",
                    "issueListExpressionParsingMode": "issues",
                    "actingUser": "field_00020"
                },
                 "children": [
                     {
```

```
"sequence": 0,
                        "type": "TRANSITION_ISSUE",
                        "ruleEntityType": "ACTION",
                        "configuration": {
                            "refs": [
                               "issue",
                                "issues",
                                "project",
                                "selector.issue",
                                "selector.parent",
                               "system",
                               "trigger",
                                "trigger.issue",
                                "trigger.parent"
                            "option": "status",
                            "status": "10002",
                           "actingUser": "field_00020"
                        "children": null,
                        "hasChildren": false
               ],
                "hasChildren": true
       ],
        "hasChildren": true
],
"hasChildren": true
```

Related use cases

Title	Automated action	JWT feature	Label
Automatically close parent when all sub-tasks are done	Transition issue action	&	STAFF PICK
Automatically close sub-tasks when parent is completed	Transition issue action	\$	STAFF PICK
Close epic when stories are done	Transition issue action	&	
Close stories when epic is done	Transition issue action	\$	
Keep the status of parents and sub-tasks in sync	Transition issue action	\$	STAFF PICK
Re-open issue when a new comment is added	Transition issue action	\$	

Transition issue action	&	
Transition issue action	4	
Transition Issue	4	
Transition issue action	4	STAFF PICK
Transition issue action	4	
Transition issue action	4	
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If you still have questions, feel free to refer to our support team.